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CITY OF  
*Seattle, Washington*

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**2019-2024 Proposed  
Capital Improvement Program**



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# CITY OF SEATTLE

## 2019-2024 Proposed Capital Improvement Program

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**City of Seattle**  
**2019-2024 Proposed**  
**Capital Improvement Program**

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### Reader's Guide to the 2019-2024 Proposed Capital Improvement Program

The City of Seattle's 2019-2024 Proposed Capital Improvement Program (CIP) includes an introduction, departmental sections, appendix, an index, and a glossary. The introduction provides information on the CIP, allocations, funding sources for capital projects, significant initiatives, support for neighborhoods and neighborhood plan projects, and policies guiding the City's capital investments.

Departmental sections comprise most of the CIP document, and contain detailed information on approximately 559 projects. The following departments have sections in this book: Parks and Recreation, Seattle Center, Seattle Public Library, Seattle Department of Transportation, Seattle City Light, Seattle Public Utilities (divided into four sections: Drainage and Wastewater, Solid Waste, Technology Projects, and Water), Seattle Information Technology, and Finance and Administrative Services. Appendix A lists new or expanded capital facilities, as required by the Growth Management Act. Appendix B lists all projects that will exceed \$5 million with their 2019 appropriation as required by Resolution 31203. Appendix C is a REET II funding report as required by RCW 82.46.035.

### Reading CIP Project Pages

CIP project pages, located in the departmental sections of the CIP, provide the most detailed information about a project. The project pages contain the following information:

**Project Type:** Projects will have one of three project types: Discrete, Ongoing, or Debt Service. Discrete projects are those with a distinct start and end date and build an individual asset. Ongoing CIP projects are departmental CIP programs that build or maintain a group of similar assets. Debt Service projects show the dedicated funding stream to pay the debt service for a particular project, or group of projects.

**Project No.:** Unique number identifying a project in the City's automated financial management system.

**Start/End Date:** Estimated Start and End year of a discrete project. Projects categorized as "Ongoing" in the Project Type field are programmatic and continue year after year, therefore they not display a Start/End Date. Projects without a determined start or end date may show as "TBD" or "On Hold."

**BCL (Budget Control Level)/Program Code, BCL/Program Name:** A grouping of similar projects into department-specific programs. Also reflects the level at which expenditures are controlled to meet state budget law provisions.

**Current Project Stage:** The current stage of a discrete CIP Project during budget planning (August of the budget development year).

*Stage 1—Pre-project Development:* All master planning, asset planning, and needs identification. rough order of magnitude cost estimate<sup>1</sup> for CIP budget established at the end of Stage 1.

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<sup>1</sup> The City's budget ordinance requires that a project be assigned a CIP ID number before spending may occur on a specific project. As a result, Stage 1 project cost estimates/budgets are "Rough Order of Magnitude" estimates based on previously constructed projects, or high-level cost estimates which uses very generic assumptions. Departments will refine cost estimates in Stage 2.

*Stage 2—Initiation, Project Definition, & Planning:* Define project and create Project Management Plan (or pre-design package), which sets the project baseline (scope, schedule and budget) from which a department measures variance.

*Stage 3—Design:* 30%-100% design work.

*Stage 4—Procurement/Bid:* Advertisement, bid review, bid award, and Notice to Proceed.

*Stage 5—Construction:* All construction activities. (The term *Execution* is used for Seattle Information Technology.)

*Stage 6—Closeout:* Final project closeout items, includes financial closeout.

**Project Category:** Projects are identified as New Facilities, Improvements to Existing Facilities, or Rehabilitation or Restoration of Existing Facilities. Technology projects, or those that do not fit into the categories above, are identified as New Investments.

**Location:** Street address, intersection, or general location of a project. If a project has multiple location entries, only one project location entry will be included in the CIP.

**Neighborhood District:** The City is divided into 13 neighborhood districts. This field indicates in which (if any) neighborhood district(s), a project is located. Some projects are located in more than one neighborhood district or outside the city, and are so noted.

**Council District:** The City is divided into 7 Council districts. This field indicates in which (if any) council district(s), a project is located. Some projects are located in more than one council district or outside the city, and are so noted.

**Total Project Cost:** The expected total project cost estimate of a Discrete project. The Total Project Cost includes any “out year” spending (spending outside the current six-year CIP).

**Urban Village:** This field indicates whether a project is located in an Urban Village, a designated geographic area expected to accommodate future population and job growth, as defined by the Comprehensive Plan’s growth management strategy.

**Project Description:** Information about the purpose, scope, and history of the project.

**Resources:** The Resources are all sources of money supporting a particular project such as grants, private donations, debt, Real Estate Excise Taxes, etc. The Resources Table lists the project’s revenue sources, life-to-date (LTD) expenditures through 2017; the 2018 revised budget (including 2018 Adopted Budget, carry-forward balances, abandonments, and supplemental appropriations); proposed 2019 appropriations; and estimated appropriation requests for 2020-2024. “TBD” indicates that revenue sources are to be determined.

**Fund Appropriations/Allocations:** This table lists the appropriating funds, which are those funds through which the department has legal appropriation authority, and dollar information by year. Note that this level of detail on the project pages is for information only. The City appropriates funds at the Budget Control Level.

**O&M Costs (Savings):** Estimate of significant increases or decreases in operations and maintenance costs as a result of a capital project. "N/C" denotes that operations and maintenance costs are not calculated.

**Spending Plan:** This field shows the anticipated project spending as of the current planning year.



# **Capital Improvement Program**

## **Overview**

### **Capital Improvement Program Purpose**

The Capital Improvement Program (CIP) is a six-year financial planning tool with the intent to identify future capital investments and potential strategies for funding those investments. The CIP also satisfies the requirements of cities planning under the Growth Management Act.

### **Background**

The City of Seattle owns and operates a variety of physical assets, ranging from community parks, roadways, bridges, office buildings, libraries, open space, fire stations, maintenance yards, facilities at Seattle Center, and more. The City must properly maintain these assets in order to ensure they are safe, lasting, and provide a welcoming and usable space to serve their intended purposes. The City's utility infrastructure is also included in the CIP, including electric, solid waste, water and wastewater utility assets. The City's capital infrastructure supports City operations, direct public services and programs, and in some cases, provides direct public benefits themselves.

Every year during the annual budget process, the City adopts a six-year CIP, which outlines anticipated investments over that timeframe. The 2019-2024 Proposed CIP totals \$7 billion over six years, with approximately \$1.2 billion of that amount designated for the 2019 budget year.

### **Capital Planning Policies**

The City has historically based capital planning efforts on a set of criteria that help set priorities among potential capital programs. [Resolution 31203](#), adopted in June 2010, set out the following policies to guide the City's capital spending:

- preserve and maintain existing capital assets;
- support the goals of the City's plans;
- support economic development;
- consider external funding possibilities;
- consider revenue-generating possibilities;
- seek regional funding for regional projects;
- pursue cost-saving commitments; and,
- pursue conservation and sustainability investments.

Additional specific considerations include:

- compliance with regulatory requirements;
- coordination between departments and with other jurisdictions; and
- public safety and health.

### **Capital Subcabinet**

The Capital Subcabinet is one of several subcabinets established by Mayor Durkan. The Capital Subcabinet serves a similar role as the "Capital Cabinet" under previous administrations. The Subcabinet's function is to serve as a coordinated decision-making body whose goal is to guide the planning and implementation of infrastructure investments and address related non-infrastructure issues to ensure that the City delivers high-quality capital projects on scope, schedule and budget. The Directors of the Office of Planning and Community Development (OPCD) and the City Budget Office

(CBO) co-chair the Capital Subcabinet. Membership is comprised of directors from key capital departments as well as other non-capital departments who focus on outreach, economic, environmental, and race and social justice issues. Member departments include Seattle City Light (SCL), Seattle Public Utilities (SPU), Seattle Department of Transportation (SDOT), Seattle Department of Construction and Inspections (SDCI), Department of Neighborhoods (DON), Office of Economic Development (OED), Department of Finance and Administrative Services (FAS), Department of Parks and Recreation (DPR), and Office of Housing (OH). It also includes participation by other departments to address environmental and race and social justice issues.

### *CIP Staged Oversight*

The 2019-2024 Proposed CIP continues the “staged oversight” pilot that was initiated in the 2018-2023 Adopted CIP. City Council applied provisos on two discrete CIP projects that require the implementing departments to report to the City Council at a particular project stage, or milestone, of the project. The Council has the opportunity to weigh in on the progress of the project before the department may continue onto the next stage. The two pilot projects for this type of oversight are the Ship Canal Water Quality Project (Seattle Public Utilities, MC-SU-C3614) and the Delridge Multimodal Corridor (Seattle Department of Transportation, MC-TR-C042). See the department narrative and project pages for more information on each of these.

### **Capital Program Funding**

Like all large municipalities, Seattle relies on a variety of sources to pay for capital projects. These include locally generated revenues (taxes, fees, voter-approved levies, and user fees), intergovernmental revenues (including state and federal grants), private funding (franchise utilities, philanthropy) and debt issuance. These traditional sources continue to provide the majority of funding for capital facility investments. The City’s level of capital investment is based on the mix and amount of financial resources available to the City.

### **Debt Financing**

The City uses multiple forms of debt to finance large capital projects such as Limited Tax General Obligation Bonds (LTGO) also known as councilmanic bonds, Unlimited Tax General Obligation Bonds (UTGO) or voter-approved bonds, and revenue bonds. Unlike pay-as-you-go sources of funding, the issuance of debt requires revenues in future years to repay the principal and interest expenses. Councilmanic debt is a common financing tool used by the City, but those obligations must be repaid from the same set of limited resources including Real Estate Excise Tax (REET) and General Fund revenues. See the Debt Service section of the 2019-2020 Proposed Budget for more information on debt financing.

### **Public Utility Funding**

Both Seattle City Light and Seattle Public Utilities fund utility projects with revenues from utility rates. Each utility has adopted financial policies that determine what share of their capital investments are funded through cash, and what share from debt. These policies are designed to balance the portion of current investments that are paid by today’s ratepayers, versus future ratepayers who will also benefit from long-term capital investments.

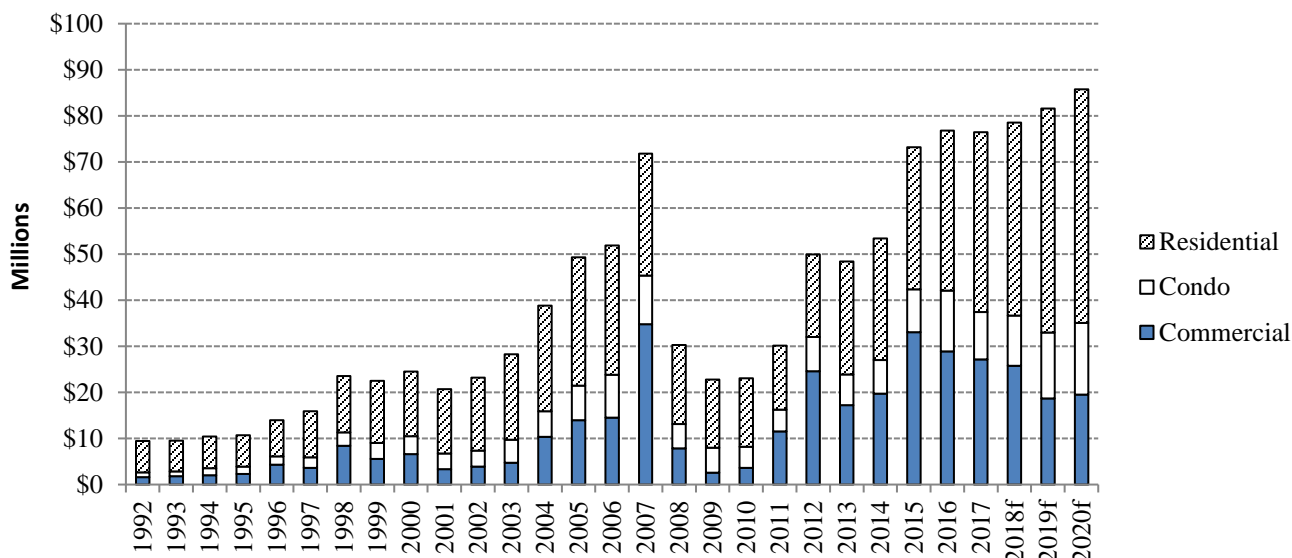
### **Real Estate Excise Tax (REET)**

Funding of the City’s general government capital program is highly dependent on revenue from REET.

REET is a volatile revenue source that tracks closely to local economic activity. As shown in the graph below, REET revenues rose sharply in 2004-2007 during the economic expansion but fell sharply in 2008-2011 as real estate activity fell off. REET revenues rebounded significantly in 2012 due to robust commercial activity. An improving residential market combined with continued strength in commercial activity has led to robust REET revenues over the past several years. The current REET forecast for 2019 and 2020 shows sustainable growth into the near future. The continued growth provides the opportunity to target investments such as asset preservation and other REET eligible projects.

Although REET revenues in recent years have been relatively stable, large and sudden fluctuations in this revenue source make it difficult to depend upon for ongoing capital needs. For this reason, the City maintains a reserve of REET funds to help offset fluctuations in revenue. The City dipped into this reserve in 2010, but through careful management of capital spending over the last several years, the City was able to replenish the \$10 million target reserve level by the end of 2014. Maintaining this reserve is critical to ensure the City has sufficient funding to support core asset preservation work in the event of a future economic downturn.

### Real Estate Excise Tax Receipts



### Seattle’s Recent History – Major Voter-Approved Levies and Capital Projects

In addition to reliance upon general tax sources, Seattle undertook several major capital projects during the last two decades using voter-approved funds and councilmanic (non-voted) debt. Voter-approved capital projects include improvements to Seattle Center and construction of new or expanded community centers and parks, new or remodeled downtown and branch libraries, new or remodeled fire facilities, parks improvements, and replacement of the Elliott Bay Seawall. The following is a list recent levies that are still actively funding projects:

- *The Move Seattle Transportation Levy:* The Move Seattle Levy, a nine-year \$930 million levy was approved by voters in 2015. The proposed budget appropriates \$147.8 million in 2019 and \$123.2 million in 2020. The levy proceeds will be used to support safe routes, congestion relief, and maintenance and repairs of the City’s bridges and arterial roadways. A major financing strategy in the Move Seattle Levy is the dependence on partnerships—leveraging external



resources such as state and federal grants to accomplish transportation projects such as the S. Lander Street Grade Separation project.

- *Creation of Seattle Park District in 2014.* The passage of the Park District is the culmination of the Parks Legacy Plan project, led by the Parks Legacy Plan Citizens' Advisory Committee. The goal of the Park District is to provide long term, stable funding to support recreation programming, parks projects and the critical needs for investment in major and ongoing maintenance. In 2016, the Parks District began collecting property tax revenue, accumulating the first year of full funding for Park District projects. The Park District will provide over \$29 million in 2019 for major maintenance and capital projects.
- *The 2012 Central Seawall Excess Levy:* A 30-year, \$290 million bond levy provided a portion of the funding needed to construct Phase 1 of the Elliott Bay Seawall Project (from Washington Street to Virginia Street) and funds reconstruction of one of the public piers (Pier 62/63 and Waterfront Park).
- *The 2012 Library Levy:* A seven-year, \$123 million levy to support, maintain and improve core Library services. Included as part of the levy were resources for the preservation and maintenance of library facilities. The City Librarian and the Library Board of Trustees prepare annual progress reports that show how levy proceeds have been used each year. The levy provides an average of \$3.1 million annually for major maintenance and asset preservation projects; including maintenance necessary for building components such as roofs, floors, finishes, HVAC and mechanical systems.
- *The 2008 Parks and Green Spaces Levy:* A six-year, \$146 million levy to acquire, develop, or restore, existing or new, parks, recreation facilities, cultural facilities, green spaces, playfields, trails, community gardens, and shoreline areas. This levy expired at the end of 2014, but a new source of voter-approved revenue—the Seattle Park District—is now providing on-going funding to help address major maintenance needs, as well as park development, at the Department of Parks and Recreation (Parks). As of the beginning of 2018, the 2008 Parks and Green Spaces of Levy Fund carried a balance of \$24 million. Parks will continue to spend down existing budget authority on project identified in the Levy throughout the biennium.

### **Funding Dynamics for Significant Future Capital Projects**

Given general resource funding challenges, the City will continue to rely on mix of general government resources and voter-approved funding packages to complete major capital projects and to secure needed funding for basic asset preservation. The City has identified several major priority areas for which significant capital investments will be needed. The following sections describe these priority areas at a high level.

#### **Public Safety Facilities**

A number of the City's public safety facilities are in need of renovations, upgrade or replacement. For example, the Police Harbor Patrol facility on Lake Union needs significant capital renewal, and the Fire Department Headquarters is located in a seismically unsound building and its freshwater boat facilities are in need of a major upgrade. The City will continue to work to identify potential funding sources for these projects.

The 2019-2020 Proposed Budget includes ongoing funding for a multi-year project that will upgrade ventilation systems at 11 fire stations and the Joint Training Center. It also includes funding for modifications to the current police North Precinct facility that will allow it to accommodate anticipated staffing for the next several years.

### **Transportation**

The City's existing transportation network faces an extensive backlog of major maintenance. Current funding is insufficient to maintain the City's road, bridges, signs, etc. In addition, through a series of long-term planning efforts the City has completed "Master Plans" that identify large potential investments in a transit network, bicycle facilities, freight projects and pedestrian-oriented infrastructure. The \$930 million Move Seattle Levy will address critical transportation programs such as safe routes, relief of congested roadways and maintenance and repair programs.

### **Waterfront**

The City has developed a comprehensive plan for the improvement of Seattle's central waterfront. The removal of the Alaskan Way Viaduct will provide an opportunity to reconnect the City to the waterfront and develop new open space to support the growth and economic development of central Seattle. There are five main capital projects encompassed in the Waterfront program.

#### *Projects*

The largest project—the Alaskan Way Main Corridor project—will construct a new surface street and an adjoining pedestrian promenade, providing access to the waterfront from Pioneer Square to Belltown. The Overlook Walk and East-West Connections project constructs the Overlook Walk, a new accessible connection between the Pike Place Market and the waterfront, and improvements to east-west streets connecting the waterfront and the rest of downtown Seattle. The program also includes projects to reconstruct parks located on piers along the waterfront (Waterfront Park and Pier 62/63 Park), expand the Seattle Aquarium and to expand the Pike Place Market.

#### *Progress Update*

In early 2017, the City signed a construction funding commitment with the Washington State Department of Transportation (WSDOT) to reconstruct Alaskan Way and build the new Elliot Way and related projects. The City is also working with WSDOT on the demolition schedule for the Alaskan Way Viaduct, which will follow the opening of the new State Route 99 tunnel, anticipated in early 2019.

The design of the Main Corridor and Overlook Walk continue to progress with the 90% Main Corridor design submittal completed. In addition, the Pike Place Market Front expansion opened in the summer of 2017 and construction to rebuild Pier 62 began in December 2017. The Pier 62 project is anticipated to be complete in late 2019.

#### *Funding*

The 2019-2024 Proposed CIP identifies a mix of resources to fund these projects and the other elements of the overall Waterfront redevelopment. In addition to general government resources in the form of REET, commercial parking tax, and general fund-supported debt, the funding plan calls for significant contributions from a Local Improvement District (LID), philanthropy, and WSDOT. The LID provides that property owners who benefit from the project pay a share of its cost. LID formation is expected to occur by the end of 2018, with LID revenues anticipated in late 2019.

### Protecting and Creating Opportunities for Workers

The City considers not only what capital projects to fund, but also how to deliver them and achieve broader goals for fairness, equity and opportunity in the community. The Department of Finance and Administrative Services (FAS) leads a number of policy initiatives to ensure social responsibility and equity in the spending of City capital dollars.

**Fair and equitable treatment of workers:** FAS monitors and enforces fair and equitable treatment of workers in City construction contracts. In 2013, FAS increased its monitoring and enforcement of wage and labor conditions on City-contracted construction projects, including Office of Housing-financed projects. The 2019-2020 Proposed Budget provides funding to allow FAS to continue this program, including compliance monitoring for wage and labor violations for projects considered high-risk. It also includes funding to support the Appropriate Construction Workplace program, which trains, teaches and enforces anti-harassment and anti-bullying interventions on City-funded construction projects.

**Reduce barriers to construction jobs:** The City's own spending on major capital investments can help drive employment within the local economy. Construction jobs and related positions offer living-wage jobs that can support individuals and families. The City's Priority Hire program provides training and opportunities for City residents to work on City-funded capital projects. For major capital projects, City contractors enter into Community Workforce Agreements that are intended to increase employment for women, people of color and those living in economically distressed areas of the City.

**Women and Minority Owned Business (WMBE):** The City continues to successfully address contracting equity for minority- and women- owned businesses. In 2011, FAS implemented a Citywide requirement on all public work bids and contracts above \$300,000 called the "Public Works WMBE Inclusion Plan" that continues to effectively encourage and enforce commitments by contractors to use WMBE firms. In 2014, FAS launched prompt pay initiatives which our WMBE firms report as very significant and meaningful for their business cash flow. The 2019-2020 Proposed Budget maintains funding added in the 2018 Adopted Budget for a WMBE Technical Business Center, which provides WMBE firms with business and technical guidance that helps them compete more successfully for public projects and better equip them to participate in Priority Hire.

### 2019-2024 Proposed Capital Improvement Program Summary

The 2019-2024 Proposed CIP totals \$7 billion for six years and includes approximately 559 projects<sup>1</sup>. Approximately \$4.3 billion of the six-year total, or 62%, are utility projects managed by Seattle City Light (SCL) and Seattle Public Utilities (SPU), and mostly funded by utility rates. The Seattle Department of Transportation's CIP totals \$1.9 billion (27%) over the six-year period, while the remaining departments (Parks and Recreation, Finance and Administrative Services, Seattle Center, Seattle Public Library, and Seattle Information Technology Department) account for approximately \$814 million, or 12%, of the six-year CIP.

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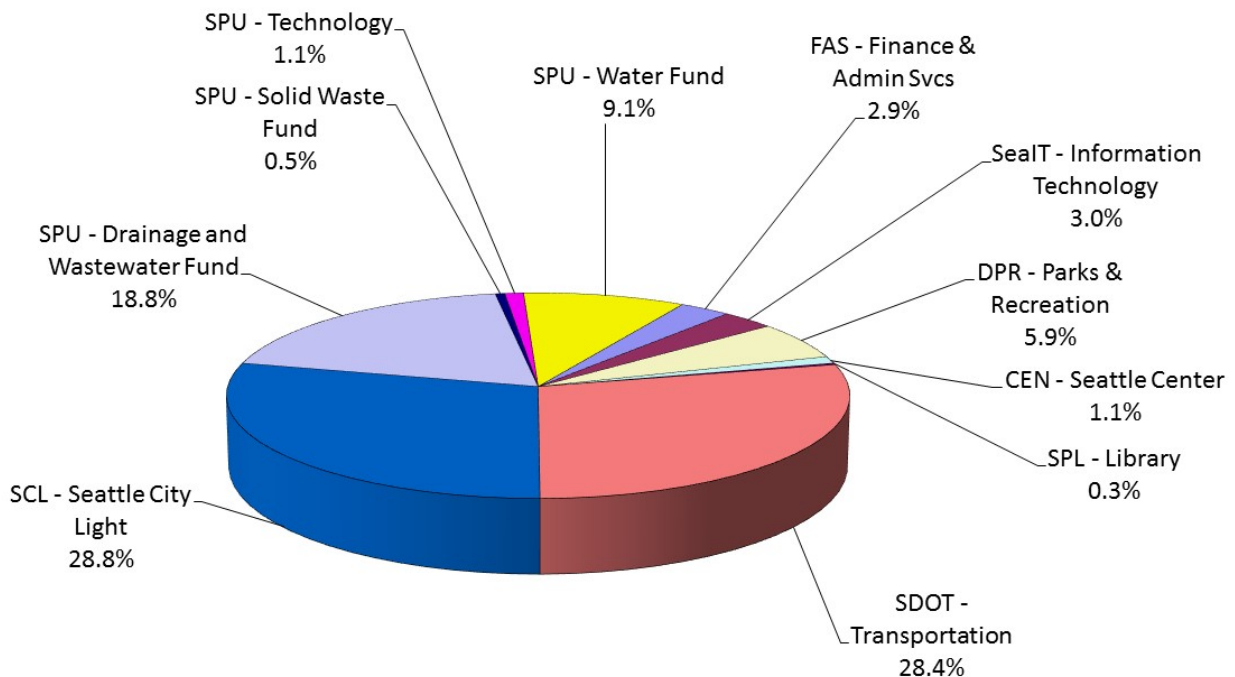
<sup>1</sup> The project total includes all projects with a CIP Project Page in the 2019-2024 Proposed CIP.

2019-2024 Proposed CIP by Department (000s)

Department	2018 Adopted	2019 Proposed	2020 Proposed	2021-2024 Estimate	2019-2024 Total
Finance and Admin Services	52,457	35,255	35,086	77,873	148,214
Information Technology	39,961	36,982	34,354	82,225	153,561
Parks and Recreation	92,339	71,353	82,739	295,944	450,036
Seattle Center	8,240	13,429	11,059	31,668	56,156
Seattle Public Library	7,477	3,221	578	2,452	6,251
Seattle Dept of Transportation	238,856	346,283	405,274	1,126,971	1,878,528
<b>Subtotal</b>	<b>439,329</b>	<b>506,523</b>	<b>569,090</b>	<b>1,617,132</b>	<b>2,692,746</b>
<b>City-owned Utilities</b>					
Seattle City Light	388,894	351,394	368,210	1,497,866	2,217,470
SPU - Drainage & Wastewater	162,643	229,472	305,983	885,318	1,420,773
SPU - Solid Waste	5,787	6,432	24,894	60,723	92,049
SPU - Technology Projects	16,409	12,873	11,200	41,450	65,523
SPU - Water	109,229	111,452	97,933	320,873	530,258
<b>Subtotal</b>	<b>682,961</b>	<b>711,623</b>	<b>808,220</b>	<b>2,806,230</b>	<b>4,326,073</b>
<b>City Total</b>	<b>1,122,291</b>	<b>1,218,147</b>	<b>1,377,310</b>	<b>4,423,363</b>	<b>7,018,819</b>

Note: 2018 Adopted totals are based on the 2018-2023 Adopted CIP. Not all funds above are appropriated; see the 2019 Proposed Budget for a list of capital appropriations by department.

2019 Proposed by Department - \$1,218 Million



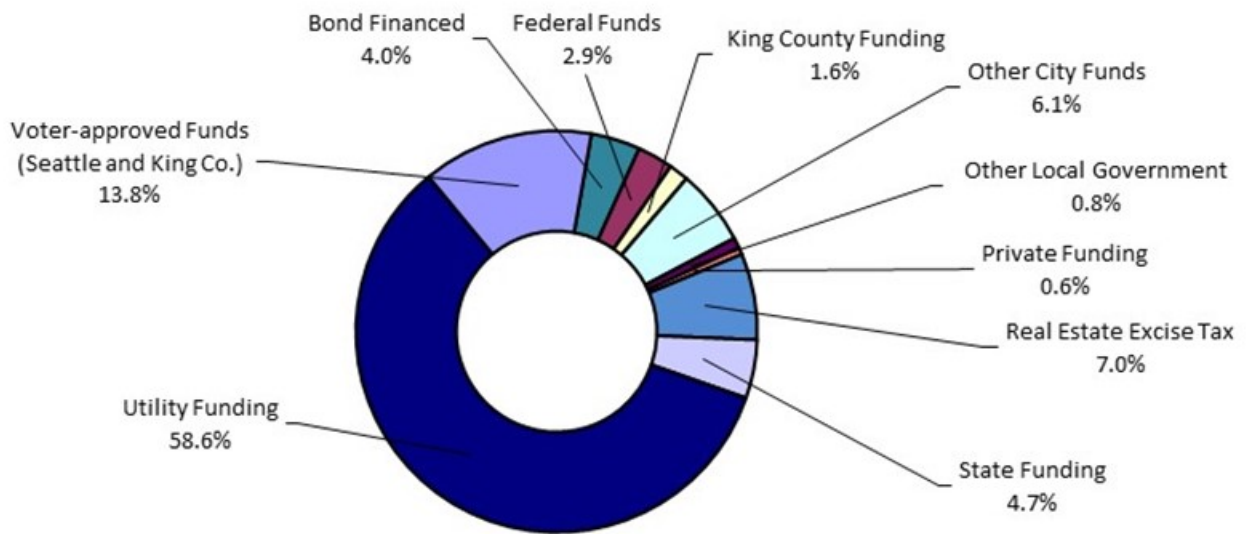
2019-2024 Proposed Capital Improvement Program

The table below identifies funding sources for the 2019-2024 Proposed CIP by Revenue Source Group

**2019-2024 Proposed CIP Revenues (000s)**

Revenue Source Group	2018 Adopted	2019 Proposed	2020 Proposed	2021-2024 Estimated
Bond Financed	54,567	48,106	87,142	257,443
Federal Funds	38,824	34,791	64,310	22,289
King County Funding	12,076	19,078	39,529	97,894
Other City Funds	74,277	81,873	50,763	144,676
Other Grants		-	-	233,483
Other Local Government	2,478	10,253	5,569	819
Private Funding	3,601	6,689	23,327	81,553
Real Estate Excise Tax	88,993	84,133	86,226	215,755
Short-Term Financing		-	-	67,500
State Funding	12,455	57,040	92,962	65,994
To Be Determined		-	-	123,360
Utility Funding	685,884	709,294	789,475	2,715,536
Voter-approved Funds (Seattle and King Co.)	149,135	166,890	138,007	397,061
<b>Grand Total</b>	<b>1,122,291</b>	<b>1,218,147</b>	<b>1,377,310</b>	<b>4,423,363</b>

**2019 Proposed CIP by Revenue Source - \$1,218 Million**



**Asset Preservation**

A 2002 Asset Preservation Study found that, despite achieving targets recommended by the 1994 Citizens’ Capital Investment Committee, the City still lagged behind industry-recommended levels of investment in asset preservation. The four general government departments involved in the study (Finance and Administrative Services, Library, Parks and Recreation, and Seattle Center) are responsible

## Overview

for about of 6.9 million square feet of building space, 2.6 million square feet of parking space, and 240 million square feet of grounds (primarily green space) and work yards. These assets have a replacement value of approximately \$5 billion. Assuming an annual asset preservation funding target of 1.0% of the replacement value for buildings and 0.5% of the replacement value for other assets, the City should be investing about \$58 million per year in asset preservation. These percentage targets are consistent with those used by other jurisdictions that were polled as part of this study's review of best practices.

Over the biennium, the City will spend an average of \$59 million from the Cumulative Reserve Fund (CRF) and an average of \$93 million overall on asset preservation of general government infrastructure in parks, libraries, civic buildings, and on the Seattle Center campus. Space rent charges continue to fund projects in the Department of Finance and Administrative Services as recommended by the 2002 Asset Preservation Study. The Department of Transportation will spend an additional \$21 million of CRF resources and \$172 million of other transportation resources on infrastructure asset preservation during the two-year budget period.

### Cumulative Reserve Fund

The Cumulative Reserve Fund (CRF) is a significant source of ongoing local funding to support capital projects in general government departments. This is a reserve fund authorized under state law and is used primarily for maintenance and development of City capital facilities. Real Estate Excise Taxes (REET) supports the majority of CRF spending.

The table below shows department allocations from CRF along with other special programs, including debt service payments, support for the Design Commission, and the City's Tenant Relocation Assistance Program. Further explanations of these special programs can be found in the 2019-2020 Proposed Budget.

### CRF Appropriations by Department (000s)

Department*	2018 Adopted	2019 Proposed	2020 Proposed
Seattle Center	5,295	11,572	9,489
Seattle Department of Transportation	15,384	19,650	17,345
Seattle Public Library	550	562	578
Department of Parks and Recreation	40,785	30,191	44,392
Finance & Administrative Services	27,173	22,922	14,616
Office of Planning and Community Development	506	546	540
Seattle Department of Construction and Inspection	493	493	492
Finance General**	-	6,157	4,631
<b>Total</b>	<b>\$ 90,186</b>	<b>\$ 92,093</b>	<b>\$ 92,083</b>

\*Not all REET is appropriated out of the CIP

\*\*Represents debt service on capital projects.

### **Neighborhood Projects**

As the City adapts to the impacts of unprecedented growth, and plans for yet further development, a focus on the livability of neighborhoods is essential. The 2019-2024 Proposed CIP reflects this focus, and as highlight below, supports neighborhood-scale capital investments in several different ways.

#### **Neighborhood Parks and Street Fund – Your Voice, Your Choice**

Beginning in 1999, the City set aside approximately \$1 million per year from the Cumulative Reserve Fund (CRF) for major maintenance projects identified through neighborhood outreach. That amount was increased by \$1 million of CRF resources in 2017 as part of the City’s commitment to neighborhoods. In 2018, the City Council increased this amount by another \$1 million. These neighborhood projects are identified and prioritized through participatory budgeting—a new process called “Your Voice, Your Choice” initiated by the Department of Neighborhoods in 2017. The most recent selection process was completed in August 2018 and the complete list of projects can be found on the [Your Voice, Your Choice](#) website.

The Department of Parks and Recreation 2019 budget includes \$498,000 of CRF REET funding and SDOT's 2019 budget includes \$1,446,000 of CRF REET funding for these neighborhood projects. SDOT also contributes approximately \$300,000 of additional resources to supplement the available resources. Funding for these projects is included in SDOT project NPSF “Neighborhood Parks Street Fund – Your Voice, Your Choice” (MC-TR-C022) and Parks project “Neighborhood Capital Program” (MC-PR-41015).

#### **Neighborhood Matching Fund**

The 2019-2020 Proposed Budget maintains funding to [Neighborhood Matching Fund](#) (NMF) grant programs. A number of CIP projects, particularly in the Department of Parks and Recreation, include funding from NMF.

The City created the NMF in 1988 to provide funding to Seattle neighborhood groups and organizations for a broad array of neighborhood-initiated improvement, organizing, or planning projects. Many of these projects also support citywide initiatives such as Race and Social Justice, Youth Violence Prevention, Environment and Sustainability, and Neighborhood Planning. Awards range from a few thousand dollars (Small Sparks projects are up to \$5,000, and the Community Partnership projects range from \$5,001 to \$100,000), and NMF funds can cover all phases of a capital project except property acquisition. The NMF program requires a 1:2 match for capital projects, which means all awards leverage other private and public contributions. Matches consist of volunteer labor, donated materials, professional services, or money. The Department of Neighborhoods administers the granting process.

#### **Art and Design Funding for City Capital Projects - 1% for Art Program**

The 1% for Art program, established by Seattle Municipal Code Chapter 20.32, requires the City deposit 1% of eligible CIP project budgets in the Municipal Arts Fund for the commission, purchase and installation of artworks throughout Seattle. The Office of Arts and Culture (ARTS) manages the 1% for Art program and the Municipal Art Fund. ARTS establishes the scope of work and budgets for new art projects and describes the status of ongoing public art projects in an annual [Municipal Art Plan \(MAP\)](#).

Municipal Art Fund revenues from the 1% for Art program can fluctuate significantly from year-to-year depending on changes in City capital investments. In 2019, the Municipal Art Fund is expected to receive approximately \$2.7 million from capital departments for the 1% for Art program, as described below.

Actual 2019 receipts may vary because of project timing, City Council changes to the proposed CIP, expenditures, and prior year credits.

<b>1% for Art Revenues (Estimated)</b>	<b>2019 Proposed</b>
City Light	\$455,000
Seattle Public Utilities	\$1,294,000
Finance & Admin. Services	\$72,600
Seattle Center	\$24,000
Parks & Recreation	\$98,530
Transportation	\$798,244
<b>Total</b>	<b>\$2,669,774</b>

### Design Commission

Established in 1968, the [Seattle Design Commission](#) advises the Mayor, the City Council and appropriate City departments on design and environmental aspects of the City’s CIP. Commission members are appointed by the Mayor for a renewable two-year term. Membership is comprised of two licensed architects, one professional fine artist, one appointee from the Get Engaged program, one lay member, and at least one and no more than two from each of the following categories, for a maximum total of five: professional urban planner, professional environmental or urban designer, landscape architect, and licensed professional engineer. The Design Commission is fully funded with funds from the Cumulative Reserve Fund.

Projects eligible for review include any on-or above-grade structure, including buildings and additions to buildings, bridges, park developments, street furniture, and all similar installations. The Commission reviews below-grade structures such as tunnels, arcades and underground passageways that are regularly visible to the public. Projects reviewed by the Commission must be financed in-whole or in-part with City funds, be on land belonging to the City, or be subject to approval by the City. Commission involvement in capital improvement projects begins as early in the planning process as possible, starting with participation in the consultant selection process and continuing through the many stages of project development. This includes project reviews at the scope briefing or pre-design stage, conceptual design, schematic design, design development, and sometimes construction documents stages.

### Background of Capital Improvement Program Policy Drivers

As described above, City investments in capital projects are guided by a set of key policies reflecting the City’s values and priorities. These policies shape how the City takes care of buildings and infrastructure, invests in capital projects in areas that have accepted growth as envisioned in the City’s Comprehensive Plan, preserves the City’s historic buildings, supports sustainable building practices, and ensures that all members of the community have access to the economic opportunities capital projects create. The following section details some of these key policies.

### Sustainable Building Policy

In February 2000, the City Council adopted a Sustainable Building Policy for the City of Seattle ([Resolution 30121](#)) which articulated the City’s commitment to environmental, economic and social stewardship and set the expectation that new municipal facilities meet established green building



standards. Specifically, it called for all new construction and major remodel projects over 5,000 square feet to achieve a LEED Silver rating. When adopted, this policy was the first of its kind in the nation and represented a groundbreaking approach to demonstrating City leadership and transforming the marketplace.

Since 2000, the green building community has experienced exceptional growth in expertise and capacity. Recognizing this change, in 2011 the City passed an updated Sustainable Building Policy ([Resolution 31326](#)). The update represents a comprehensive approach that reflects advances in the green building industry, aligns the policy with the City's increased attention to climate change, addresses a greater range of project types, and ensures that Seattle continues to provide leadership that advances sustainable development in both the public and private sectors. The updated policies include the following requirements.

- For new construction, additions and major renovation projects 5,000 square feet or greater
  - The minimum required green building rating is LEED Gold.
  - There are minimum requirements for energy and water efficiency, construction waste reductions, and bicycle amenities.
- For tenant improvement projects 5,000 square feet or greater, where the scope includes mechanical, electrical, and plumbing:
  - The minimum required green building rating is LEED Gold.
  - There are minimum requirements for water efficiency and construction waste reductions.
- Completion of a Capital Green checklist is required for projects smaller than 5,000 square feet or those otherwise not eligible for a LEED rating.
- City departments are encouraged to test new approaches and standards, such as the Living Building Challenge and the Sustainable Sites Initiative.
- Annual reporting of performance under the policy is required by March 31<sup>st</sup> of each year.

Additionally, the resolution directs City departments to evaluate and improve existing standards and processes that relate to tenant improvements, leasing, and site management.

### **City of Seattle Comprehensive Plan**

The Comprehensive Plan is a 20-year vision and roadmap for Seattle's future. The plan guides City decisions on where to build new jobs and houses, how to improve our transportation system, and where to make capital investments such as utilities, sidewalks, and libraries. The Plan is the framework for most of Seattle's big-picture decisions on how to grow while preserving and improving our neighborhoods. The update of the City's Comprehensive Plan "[Seattle 2035](#)" was passed by the City in October 2016.

The Comprehensive Plan helped inform the development of the 2019-2024 Proposed CIP as departments have taken special note of capital projects in neighborhoods targeted for substantial growth in the future or that have received substantial growth in the last few years. This effort is intended to make sure areas receiving growth have the appropriate physical infrastructure to accommodate such growth, while balancing the major maintenance of existing facilities, such as power distribution systems, pipes, community centers, swimming pools, libraries, and streets that are located throughout the City, not just in targeted growth areas.

### **Federal and State Regulatory Requirements**

The City's utilities have several facility projects in their Capital Improvement Programs to meet federal and state regulatory requirements. The City of Seattle must abide by the City's two National Pollutant Discharge Elimination System (NPDES) permits, one for storm water and one for combined sewer system. The City is required, for example, to invest hundreds of millions of dollars in the combined sewer/storm water system over the next several years to control the number of combined sewer overflows (CSOs) into receiving bodies of water, including Lake Washington and Puget Sound. City Council recently approved a CSO Consent Decree with the Environmental Protection Agency (EPA) and the Department of Ecology (DOE). This Consent Decree outlines how the City will become compliant with EPA and DOE regulatory requirements regarding sewage releases from the city conveyance system.

City Light operates its hydroelectric dams and powerhouses under licenses from the Federal Energy Regulatory Commission. Licenses include Settlement Agreements that require City Light to perform mitigation and public benefit activities. City Light is currently completing Skagit Mitigation; is well under way with Boundary Relicensing; and is planning to start Skagit Relicensing in 2019. To meet North American Electric Reliability Corporation (NERC) security standards, City Light is proposing substation and hydro facility improvements such as access cards, fencing, camera coverage, and vehicle and pedestrian gates.

City Light also complies with a wide range of permitting requirements and environmental regulations. Current examples include wetlands mitigation in the Technical Training Center project, mitigation of soil contamination at the Denny Substation site, and ongoing environmental mitigation in the Endangered Species Act project. Street-use permits and regulations are a major part of City Light projects that expand and repair the electric distribution system.

### **Endangered Species Compliance**

The Cedar River Watershed Habitat Conservation Plan (HCP) is a 50-year, ecosystem-based plan that was prepared to address the declining populations of salmon, steelhead and other species of fish and wildlife in the Cedar River basin. The HCP was prepared under the Endangered Species Act and is designed both to provide certainty for the City of Seattle's drinking water supply and to protect and restore habitats of 83 species of fish and wildlife that may be affected by the City of Seattle's water supply and hydroelectric operations on the Cedar River. Seattle Public Utilities is continuing to implement its commitments under the HCP, which include downstream habitat protection and restoration, upland forest restoration, logging road decommissioning, and ongoing monitoring. City Light is also acquiring salmon habitat in the Green/Duwamish, Skagit, and Snohomish watersheds.

### **Americans with Disabilities Act**

The United States Department of Justice (DOJ) conducted an audit of select City of Seattle facilities, practices and procedures, in order to assess City compliance with the Americans with Disabilities Act (ADA), and reported its findings to the City. While the City is largely in compliance, there are some elements within facilities that the DOJ has requested that the City update or alter to improve accessibility for individuals with disabilities. The City's ADA Transition Plan, to be completed in early 2019, will guide the development of a long-term strategy that manages the City's most critical public-facing ADA deficiencies first and maximizes accessibility to the greatest extent possible.

A project manager added in 2011 will continue to coordinate and oversee implementation of ADA improvements in certain City facilities, determine and report compliance to DOJ, and review and modify as needed the facilities design and construction process with regard to the ADA. The City is in the

process of moving towards a new approach to ADA improvements in which these improvements are included in ongoing maintenance and other remodeling work.

In order to provide additional proactive monitoring of compliance with ADA standards for new capital projects, in 2013 the City added additional staff dedicated to monitoring ADA compliance of new projects. An additional position was added in 2014 to the Department of Parks and Recreation, dedicated to ADA compliance coordination, and in 2015 the Seattle Department of Transportation added one strategic advisor and funding for an ADA transition plan to ensure curb ramp compliance.

### **Historic Preservation**

Seattle's commitment to historic preservation began with citizen efforts in the 1960s to block the demolition of two of Seattle's oldest neighborhoods—Pike Place Market and Pioneer Square. Both neighborhoods were threatened with proposals that would have irreversibly changed the character of the districts. The Pike Place Market was faced with an Urban Renewal Plan that would have demolished it, while Pioneer Square was threatened with a major roadway project. In 1970, the City Council created the Pioneer Square Preservation District, Seattle's first historic district. Then, in 1971, voters approved an initiative to create the Pike Place Market Historical District. In 1973, the City Council adopted a Landmarks Preservation Ordinance to safeguard properties of historic and architectural significance throughout the City, and more than 450 buildings, sites, and objects have now been designated as City landmarks.

The City of Seattle currently owns or maintains many of those landmarks, including libraries, park buildings, and fire stations. In 2001, the City began a comprehensive effort to survey and inventory both City-owned properties and privately-owned properties throughout the City. To date, the Department of Neighborhoods has completed surveys and inventories in 20 of the City's neighborhoods including Ballard, Belltown, Cascade, Central, Columbia City, Denny Triangle, Downtown, Fremont, Georgetown, Mount Baker, North Beacon Hill, North Rainier, Pike-Pine, Pioneer Square, Queen Anne, South Lake Union, South Park, South Seattle, University, Wallingford, Waterfront, as well as The University of Washington, city-owned properties, pre-1906 residential buildings, and neighborhood commercial buildings throughout the City. The results of those efforts are available in a searchable database on the [Department of Neighborhoods](#) website.



# **Parks and Recreation**



### Overview

The Department of Parks and Recreation (Parks) manages a [6,400-acre park system of over 485 parks](#) and extensive natural areas. Parks provides athletic fields, tennis courts, play areas, specialty gardens, and more than 25 miles of boulevards and 120 miles of trails. The system comprises about 12% of the city's land area. Parks also manages many facilities, including 27 [community centers](#), eight [indoor swimming pools](#), two [outdoor \(summer\) swimming pools](#), three [environmental education centers](#), two [small craft centers](#), four [golf courses](#), an outdoor stadium, and much more.

Seattle's parks and recreation system provides numerous benefits to the people of Seattle—healthy people, a healthy environment, and strong communities. These benefits are grounded in Parks' values of access, opportunity, sustainability and responsiveness and underlie the outcomes Parks aims to achieve. For Seattle to remain a vibrant city that is attractive to residents, visitors and businesses, it needs to maintain a great park system with healthy open spaces and meaningful recreational opportunities—which is why preserving the legacy of Seattle's parks and recreation system is so vital.

### Thematic Priorities

Parks' Capital Improvement Program (CIP) is focused on promoting healthy people, a healthy environment, and strong communities by preserving, enhancing, and expanding the physical assets where all of the people of Seattle can play, learn, contemplate, and build community. As described in the Project Selection Criteria section below, Parks uses an Asset Management Plan which measures each potential capital project by criteria including safety, asset preservation, race and social justice, legal obligation, and improvements in efficiency to set priorities for capital projects. Each of these criteria directly reflect Parks' core values of access, opportunity, sustainability, and equity.

### Aligning Capital Investments with Growth and/or Community Planning

Seattle's Comprehensive Plan, "Seattle 2035," is a 20-year vision and roadmap for Seattle's future that guides City decisions on where to build new jobs and housing, how to improve the transportation system and where to make capital investments such as utilities, sidewalks, parks and open space, and libraries. The Comprehensive Plan is the framework for most of Seattle's big-picture decisions on how to grow while preserving and improving our neighborhoods.

A Parks and Open Space element is now included in the Seattle's Comprehensive plan. There are parks-related policies included in multiple areas within the plan. Parks has updated its 2017 Parks and Open Space Plan to be consistent with Seattle 2035. In addition to the City-wide Comprehensive Plan, there are myriad other plans for specific programs and amenities in the City that affect parks. Parks participates in shaping those plans to help continue developing an integrated open space and recreation system in Seattle.

Seattle's Climate Action Plan provides a framework for meeting Seattle's climate protection goals, including the overarching goal of becoming carbon neutral by 2050. Parks' role involves maximizing the benefits of the bicycle and pedestrian master plans, meeting building energy plan goals, such as LEED compliance, and fulfilling urban forest restoration goals, such as those outlined in the Green Seattle Partnership.

Parks is committed to developing and managing an environmentally-sustainable park system. This means using energy and utilities with conservation in mind in all facilities, effectively managing the use of water for irrigation and other purposes, creating efficiently-maintained landscapes, and operating clean and safe park facilities.

These principles have led Parks to undertake energy conservation improvements to various facilities, make investments that preserve the integrity of facilities, make improvements that ensure public safety in the parks and address various code deficiencies.

### **Project Selection Criteria**

Parks' capital priorities are informed by two processes. First, in the planning and development of the Seattle Park District (Park District), staff created a six-year capital spending plan that identifies specific projects and maintenance priorities. This plan was developed with input from the Parks Legacy Committee, the Mayor's Office, the City Budget Office, and City Council. These priorities will be implemented as generally described in the spending plan and in accordance with the Park District's agreement with the City. Second, Parks uses an Asset Management Plan (AMP) to identify and rank necessary major maintenance projects.

The AMP is a set of projects to address facility needs. Parks identifies projects through ongoing condition assessments, consultant studies, work order analyses (to identify key problem areas), and intradepartmental information sharing of facility maintenance issues and needs. Every two years, Parks reviews and updates the AMP. While Parks' planning staff prepares and coordinates the AMP planning process and document development, the process involves a collaborative approach throughout the department to develop project scopes and budget estimates.

Typically, department staff score and rank all of the projects included in the asset management plan using the following six criteria:

**Code Requirements:** The project brings a facility or element up to federal, state, and Seattle code requirements (such as Americans with Disabilities Act compliance, water quality, or fire suppression) or meets other legal requirements.

**Life Safety:** The project will eliminate a condition that poses an imminent threat of injury. Examples of safety hazards are lack of seismic elements, failing piling, outdated play equipment, emergency management elements, or a documented environmental health hazard.

**Facility Integrity:** The project will help keep the facility operational and extend its life cycle by repairing, replacing, and renovating systems and elements of the facility, including building envelope (roof, walls, windows), electrical, plumbing, storm and sewer line replacement, and synthetic turf replacement.

**Improve Operating Efficiency:** The project will result in reduction of operating and maintenance costs, including energy and water savings.

**Equity:** The Project will preserve or enhance an asset which serves low income and racially diverse communities.

**Other:** Projects that have a unique element (e.g. leverage other funds) and/or are known needs that do not fit the other priorities

### **2019-2024 CIP Highlights**

Parks' 2019-2024 Proposed CIP budget is \$77.2 million in 2019 and \$78.5 million in 2020 and reflects a wide range of discrete projects and ongoing programs with a mix of funding sources. There are several key investments planned over the next two years to continue the department's strong commitment to preserving existing assets and expanding access to park and recreation facilities across Seattle with an emphasis on historically underserved areas.



## Department of Parks and Recreation

In 2019, \$1.8 million of Real Estate Excise Tax (REET) will support a comprehensive site plan at the South Park. In total, this is anticipated to be a more than \$10 million project which will include a field conversion from grass to synthetic turf, playground, lighting, spray park, sport court, fencing, loop trail and adult fitness zone, as well as a planted buffer between the site and the highway. In addition to the REET revenue, Parks anticipates raising funding from a range of sources including the Seattle Academy of Arts and Sciences, Park District, and state and federal grants.

2019 also includes \$500,000 of REET funding for planning and design work in Yesler Crescent, including City Hall Park and Prefontaine Plaza. This early design and planning work will focus on how to enhance circulation, encourage park activation and preservation, and refurbishing the Prefontaine Fountain. This early funding will inform the work of a coordinated effort among City departments and external parties to make improvements in these areas which could include pathway renovation, furnishing replacement, lighting upgrades, irrigation improvements and fountain renovations.

The CIP also includes significant additional REET commitments for community center planning and renovations, including \$500,000 each in 2019 and 2020 for planning and schematic design for replacement of the current Green Lake Community Center and Evans Pool. The budget also allocates an additional \$3 million in REET in 2020 for the Lake City Community Center which includes planning, feasibility analysis, design, and construction. The addition of this supplemental funding will allow for a broader scope in this first construction phase but does not fully fund project construction.

The CIP also invests \$1.3 million of REET in 2020 to fully develop the land-banked site at North Rainier into a park. Since the original Park District plan to develop 14 land-banked sites, Parks has acquired several additional parcels adjacent to the original North Rainier parcels and did not have sufficient Park District resources to fully develop all of them. This supplemental REET funding will allow Parks to fully develop the expanded land-bank site at North Rainier and will enable the department to meet its commitment of having all 14 land-banked sites open or in development by the end of 2020.

Another key investment in the CIP in 2019 and 2020 is funding for American with Disabilities Act (ADA) improvements. The 2019-2024 CIP allocates \$2 million for ADA improvements in 2019 and \$1 million in 2020, which will support improvements at five sites currently in design and another four through design only, including Laurelhurst Community Center, Discovery Park Environmental Learning Center, Queen Anne Community Center, Queen Anne Pool, Meadowbrook Pool, Rainier Community Center, Montlake Community Center, Loyal Heights Community Center and Jefferson Community Center. This proposal also funds Parks maintenance staff to address and remove barriers to accessibility in-house, rather than paying a premium for contractors. ADA improvements are expected to be a continuing funding obligation in the coming years.

Parks also faces the significant challenge of replacing the bulk of its synthetic turf field inventory. The department is devoting \$1.1 million of REET and \$3.9 million of Park District funding in 2019 and \$2.2 million of REET and \$3.1 million of Park District dollars in 2020 for turf field replacements. Planned play fields for replacement over the biennium include Queen Anne Bowl, Georgetown, Delridge, Lower Woodland #2 and #7, Magnuson #6, and Miller. Parks also continues to convert grass fields to synthetic turf to increase playability year-round and is allocating \$3 million of REET in 2020 toward a conversion of Queen Anne playfield (approximately half of the full conversion cost).

The 2019-2024 CIP also includes funding for Parks' ongoing maintenance programs, allocates \$1 million to renovate the Bitter Lake Play Area in 2020, shifts 2014 King County Parks Levy to cover debt service for the golf program, and transfers \$221,000 of funding from the Park District operating budget to the capital budget to

## Department of Parks and Recreation

reflect the updated timeline for the Smith Cove project. Parks will also continue to use Community Development Block Grant funds for the Seattle Conservation Corps in 2019. The Seattle Conservation Corps (SCC) executes park improvement projects in low- to moderate-income neighborhoods while at the same time providing training and employment for formerly homeless adults. In 2019, \$808,000 will fund the SCC to improve parks through the Parks Upgrade Program.

The 2019-2020 Proposed Budget also includes a realignment between General Fund, Park District capital and operating resources, and REET that impacts the 2019-2024 Proposed CIP. The proposed budget shifts \$10 million in General Fund operating costs to the Park District and adds \$10 million of REET support to fund those formerly Park District-funded capital projects. Given Seattle's strong residential and commercial activity that generates REET, the City can commit to this higher level of ongoing REET support while continuing to invest in other high-priority capital projects.

REET will replace Park District funds in 2019 and 2020 for the following projects:

- \$1.9 million of the Zoo Major Maintenance project
- \$3.3 million of the Community Center Rehabilitation and Development project
- \$4.8 million of the Major Maintenance Backlog and Asset Management project

This shift in the source of funding for Park's major maintenance backlog is part of a broader budget strategy to redirect more flexible funding sources to other General Fund priorities. The use of REET funds rather than Parks District resources will allow the Parks District resources to be redirected toward Parks' operational costs that are currently supported by the General Fund. In turn, this will allow those General Fund resources to be used for other City priorities, including the response to homelessness.

Finally, the 2019-2024 Proposed CIP includes two changes for Waterfront projects. The first change is to the Aquarium Expansion project. The CIP has been updated to reflect the City's full commitment of \$34 million to the project. This commitment was confirmed in [Ordinance 125630](#) which the City Council passed in July 2018. The total cost of the Aquarium Expansion project is estimated to be \$110 million. The remainder of the funding will come from non-city sources. The second change is to the Parks Central Waterfront Piers Rehabilitation project. This project includes rehabilitation of Piers 62/63 and a redesign of Waterfront Park to improve access, safety and flexibility. The Pier 62 rebuild includes replacing the aging wood pilings and deck, retaining the existing size and shape of the piers. The rebuild will also provide new railings, lighting, utilities and a floating dock. The 2019-2024 Proposed CIP adjusts the budget between years to better align with cash flow needs of the project. The budget also includes a modest increase in REET funding in 2019-2020 and reflects allocating additional Local Improvement District funding to these projects.

### CIP Revenue Sources

Funds for the development of the system and for ongoing asset management come from a variety of sources. The two largest funding sources for Parks' capital work in 2019 are the Park District at \$28.6 million and REET at \$35.3 million. The majority of the remaining \$13.3 million in funding comes from CDBG, the Central Waterfront Improvement Fund, King County, and General Fund to pay debt service. Other funding includes the 2008 Parks and Green Spaces Levy, the Cumulative Reserve Subfund, and other special fund sources, grants, and private donations.

### *Seattle Park District*

In August 2014, the voters of Seattle passed a ballot measure creating the Seattle Metropolitan Park. The Park District provides for a new taxing authority and ongoing revenue source to fund increased parks and recreation services and capital projects. The Park District has the same boundaries as the City of Seattle. The City Council members, acting *ex officio* and independently, comprise the governing board (the District Board). In 2019, the

Park District will generate \$28.6 million of revenue for Parks' capital budget with the largest component going towards asset preservation and major maintenance.

### ***Real Estate Excise Taxes (REET)***

REET funding is used for asset preservation purposes. In addition to the key investments highlighted above, REET is used to address various ongoing capital programs, such as boiler replacement, electrical system upgrades, small irrigation upgrades, trail maintenance, athletic field and ballfield turf maintenance and improvements, small roofing replacement, paving restoration, landscape and forest restoration, and others. It also funds replacement of aging field lighting systems and certain aquarium infrastructure projects.

### ***2008 Parks and Green Spaces Levy***

The 2008 Parks and Green Spaces Levy was a six-year \$145.5 million levy intended to acquire, develop, or restore, existing or new, parks, recreation facilities, cultural facilities, green spaces, playfields, trails, community gardens, and shoreline areas. The levy package, largely modeled after the successful 2000 Pro Parks Levy, provided for acquisition of new parks and green space and for development and improvement of various parks throughout the city. This included renovation of 23 play areas, park development atop lidded reservoirs, renovation of several existing parks and cultural facilities, and an environmental category to provide funding for the Green Seattle Partnership, community gardens, trails, and improved shoreline access at street ends. An Opportunity Fund Category funded other community-identified projects. This levy ended in 2014 but continues to collect revenues on delinquent property taxes. The capital budget does not include any new appropriations of levy funds, but Parks will continue to spend down existing appropriations.

### **Summary of Upcoming Budget Issues and Challenges**

The City's Department of Finance and Administrative Services recently issued a Citywide ADA Barrier Removal Schedule requiring City departments to identify a strategy and timeline for resolving barriers to ADA accessibility. More than half of the barriers identified are on Parks property. Parks has allocated REET funding toward this work in 2019 and 2020, but an ongoing sustainable funding commitment is needed to address the growing number of ADA issues in facilities. This will be an issue in consideration for the next six-year Park District financial planning cycle.

As stated previously, Parks also faces the significant challenge of replacing the bulk of its synthetic turf field inventory. Of the 19 synthetic turf athletic fields and four baseball fields with synthetic infields that make up the department's portfolio, 15 were installed between 2008 and 2010 and are due to be replaced. To accommodate this bow wave of replacements while avoiding closing a majority of the fields simultaneously, which could affect athletic programming and revenue generated from field rentals, Parks has identified a strategy to stagger these replacements. Parks plans to replace three to four fields a year using approximately 40% REET and 60% Park District Major Maintenance funding.

### **Future Projects/What is on the Horizon**

Traditionally, Parks had not had sufficient resources to support ongoing asset management of the parks and recreation system, and over the years had accumulated a large major maintenance project backlog. A major maintenance project is a capital investment intended to preserve a facility. Typically, these projects are expensive and long lasting, cost at least \$20,000, and are designed to function for at least 15 years. Projects can take between one to three years to complete. A backlog exists because the number of projects has historically outpaced funding.

Fortunately, in August 2014, Seattle voters passed the Park District and more than half of Park District funding will be used to support capital projects – of that, nearly half will address major maintenance. This is a substantial

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investment allowing Parks to systematically address the major maintenance needs of the system. The backlog is not a finite list of projects, and the department will continue to update it as more facility assessments are completed and projects come to the end of their useful life. Because there is not a beginning and end to major maintenance and preserving the system's assets, Parks will establish six-year goals to show progress over the long term. By 2021, Parks plans to complete 126 major maintenance projects. In 2019 and 2020, Parks will begin planning for the next six-year Seattle Park District financial plan, which will begin in 2021. This process will incorporate community input about priority capital investments between 2021 and 2026.

In conjunction with the above, Parks has allocated resources to build capacity for asset management planning and tracking and to centralize capital planning efforts for consistency and better implementation of public involvement and project-delivery efforts. Through efforts over the past two years, Parks has launched a new Asset Management and Work Order System to further improve the tracking of capital assets. This system allows Parks to integrate separate data systems and give the department the tools for better data collection, analysis, and decision making and better integration with the citywide accounting system upgrade. This new Asset Management Work Order System is now the system of record for capital planning for the department, and the breadth of capital project and asset information contained and updated within it continues to expand.

# Department of Parks and Recreation

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
<b>2008 Parks Levy</b>									
<u>Discrete</u>									
14th Avenue NW Park Boulevard Development (NW 58th to NW 62nd) (MC-PR-16006)	509	2,116	0	0	0	0	0	0	2,625
Bobby Morris Playfield Turf Replacement-2008 Levy (MC-PR-16014)	952	117	0	0	0	0	0	0	1,069
Comfort Station Renovations-2008 Levy Phase 2 (MC-PR-16007)	422	424	0	0	0	0	0	0	846
Community Food Gardens and P-Patches (MC-PR- 17001)	2,416	11	0	0	0	0	0	0	2,427
East John Street Open Space Development (MC- PR-15004)	268	12	0	0	0	0	0	0	280
Emma Schmitz Sea Wall Replacement-2008 Levy (MC-PR-16008)	5	645	0	0	0	0	0	0	650
First Hill Park Development (MC-PR-15015)	0	1,000	0	0	0	0	0	0	1,000
Gas Works Park Play Area Renovation (MC-PR-16002)	624	776	0	0	0	0	0	0	1,400
Green Lake Community Center Electrical and Mechanical Renovation- 2008 Levy (MC-PR-16009)	93	1,123	0	0	0	0	0	0	1,216
Hiawatha Community Center Renovation-2008 Levy (MC-PR-16010)	25	1,168	0	0	0	0	0	0	1,193
Hing Hay Park Development (MC-PR- 16003)	3,265	180	0	0	0	0	0	0	3,445
Jimi Hendrix Park Improvements (MC-PR- 15003)	1,381	633	0	0	0	0	0	0	2,014
Lake Union Park Walkway Renovations-2008 Levy (MC-PR-16011)	353	1	0	0	0	0	0	0	354

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

Langston Hughes Performing Arts Center Renovation-2008 Parks Levy (MC-PR-11001)	3,592	23	0	0	0	0	0	0	3,615
Lewis Park Natural Area Improvements (MC-PR-15008)	948	12	0	0	0	0	0	0	960
Magnolia Manor Park Improvements (MC-PR-15009)	421	39	0	0	0	0	0	0	460
Magnuson Park Building #406 Roof Replacement-2008 Levy (MC-PR-16012)	37	1,315	0	0	0	0	0	0	1,352
Marra-Desimone Park Development (MC-PR-16004)	267	833	0	0	0	0	0	0	1,100
Northwest Native Canoe Center Development (MC-PR-15010)	21	729	0	0	0	0	0	0	750
Othello Park Improvements (MC-PR-15011)	142	405	0	0	0	0	0	0	547
Play Area Renovations-2008 Levy (MC-PR-16015)	766	297	0	0	0	0	0	0	1,063
Pratt Park Water Feature Renovation-2008 Levy (MC-PR-16013)	100	464	0	0	0	0	0	0	564
Rainier Beach Urban Farm and Wetlands Improvements (MC-PR-15005)	3,286	32	0	0	0	0	0	0	3,318
Seattle Asian Art Museum Renovation (MC-PR-11002)	14	18,986	0	0	0	0	0	0	19,000
Victor Steinbrueck Park Renovation (MC-PR-16005)	588	1,012	0	0	0	0	0	0	1,600
Washington Park Arboretum Improvements-2008 Parks Levy (MC-PR-13002)	2,917	8	0	0	0	0	0	0	2,925
Washington Park Playfield Play Area Development (MC-PR-15013)	209	156	0	0	0	0	0	0	365
Woodland Park Zoo Seattle Sensory Garden Development (MC-PR-15012)	470	433	0	0	0	0	0	0	903

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### **2019 - 2024 Proposed Capital Improvement Program**

Yesler Terrace Neighborhood Park Development (MC-PR- 15014)	3,003	2,427	0	0	0	0	0	0	5,430
<u>Ongoing</u>									
Green Space Acquisitions- 2008 Parks Levy (MC-PR- 12001)	9,486	5	0	0	0	0	0	0	9,491
Major Parks- 2008 Parks Levy (MC-PR-13001)	14	1	0	0	0	0	0	0	15
Neighborhood Park Acquisitions- 2008 Parks Levy (MC-PR-14001)	21,513	3,393	0	0	0	0	0	0	24,906
Neighborhood Parks & Playgrounds- 2008 Parks Levy (MC-PR-16001)	129	688	0	0	0	0	0	0	817
Opportunity Fund Acquisitions- 2008 Parks Levy (MC-PR-15001)	7,855	494	0	0	0	0	0	0	8,349
Opportunity Fund Development- 2008 Parks Levy (MC-PR-15002)	14	10	0	0	0	0	0	0	24

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<b>2008 Parks Levy</b>	66,105	39,968	0	0	0	0	0	0	106,073
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**Building For The Future - CIP**

**BSL/Program Code: BC-PR-20000**

Discrete

Aquarium Expansion (MC- PR-21006)	1,832	3,158	2,325	12,000	7,488	7,487	0	0	34,290
Freeway Park Improvements ( MC-PR- 21011 )	0	750	1,200	8,050	0	0	0	0	10,000
Parks Central Waterfront Piers Rehabilitation (MC- PR-21007)	2,011	25,559	6,632	6,739	20,853	27,845	8,441	2,137	100,217
RDA HQ Relocation (MC- PR-21010)	0	0	1,677	0	0	0	0	0	1,677
Smith Cove Park Development (MC-PR- 21005)	440	4,105	2,171	0	0	0	0	0	6,716
South Park Campus Improvements (MC-PR- 21013)	0	0	1,800	0	0	0	0	0	1,800
Yesler Crescent Improvements ( MC-PR- 21012 )	0	0	500	0	0	0	0	0	500

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

Ongoing

Activating and Connecting to Greenways (MC-PR-21004)	251	364	215	221	226	231	237	243	1,988
Athletic Field Improvements (MC-PR-21009)	109	4,404	600	600	600	600	600	600	8,113
Develop 14 New Parks at Land-Banked Sites (MC-PR-21003)	1,070	14,257	2,892	1,707	0	0	0	0	19,926
Major Projects Challenge Fund (MC-PR-21002)	494	4,427	1,723	1,766	1,810	1,855	1,902	1,950	15,927
Park Acquisition and Development (MC-PR-21008)	33	3,508	0	0	0	0	0	0	3,541
Park Land Acquisition and Leverage Fund (MC-PR-21001)	767	8,384	3,654	2,208	2,263	2,320	2,378	2,437	24,411

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**Building For The Future - CIP**                      7,007   68,916   25,389   33,291   33,240   40,338   13,558   7,367   229,106

**Debt and Special Funding**

**BSL/Program Code:                      BC-PR-30000**

Debt Service

Aquarium - Pier 59 Piling Replacement and Aquarium Redevelopment Debt Service (MC-PR-31002)	23,436	1,719	1,714	1,708	1,714	1,712	1,711	1,719	35,433
Hubbard Homestead Park (Northgate) Acquisition-Debt Service (MC-PR-31003)	1,980	228	222	224	221	218	220	220	3,533
Parks Maintenance Facility Acquisition - Debt Service (MC-PR-31006)	6,982	563	559	555	555	556	0	0	9,770
Rainier Beach CC Debt Service (MC-PR-31008)	0	0	2,007	1,210	1,202	1,204	1,208	1,205	8,036

Discrete

Golf Master Plan Implementation (MC-PR-31004)	15,555	970	0	0	0	0	0	0	16,525
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Ongoing

Gas Works Park - Remediation (MC-PR-31007)	2,686	1,223	0	0	670	1,040	2,290	200	8,109
Golf - Capital Improvements (MC-PR-31005)	2,124	1,263	1,537	123	0	0	0	0	5,047

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**



Puget Park - Environmental Remediation (MC-PR-31001)	225	305	0	0	0	0	0	0	530
<b>Debt and Special Funding</b>	52,988	6,271	6,039	3,820	4,362	4,730	5,429	3,344	86,983
<b>Fix It First-CIP</b>	<b>BSL/Program Code:</b>							<b>BC-PR-40000</b>	
<u>Discrete</u>									
Cal Anderson Park Landscape Improvement (MC-PR-41047)	0	200	0	0	0	0	0	0	200
Danny Woo Improvements (MC-PR-41045)	26	274	0	0	0	0	0	0	300
Emma Schmitz Sea Wall Replacement (MC-PR-41037)	43	307	0	0	0	0	0	0	350
Fountain Discharge Retrofit (MC-PR-41033)	252	331	0	0	0	0	0	0	583
Green Lake CC - Evans Pool Roof Replacement & Solar Hot Water (MC-PR-41034)	316	1,356	0	0	0	0	0	0	1,672
Green Lake Community Center & Evans Pool Replacement (MC-PR-41071)	0	0	500	500	0	0	0	0	1,000
Interbay Stadium Synthetic Turf Replacement (MC-PR-41035)	31	274	0	0	0	0	0	0	305
Joint Preschool Site and Tenant Improvements (MC-PR-41042)	2,129	631	0	0	0	0	0	0	2,760
Lake City Community Center Improvements (MC-PR-41040)	350	3,150	2,000	3,000	0	0	0	0	8,500
Lake Union Park Remediation (MC-PR-41043)	3,469	131	0	0	0	0	0	0	3,600
Loyal Heights Community Center Renovation (MC-PR-41038)	4	1,864	0	0	0	0	0	0	1,868
Loyal Heights Playfield Turf Replacement (MC-PR-41048)	0	2,385	0	0	0	0	0	0	2,385
Magnuson Community Center Improvements (MC-PR-41067)	0	2,150	0	0	0	0	0	0	2,150
Magnuson Park Athletic Field 12 Conversion (MC-PR-41064)	0	0	0	0	0	0	7,522	0	7,522

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**2019 - 2024 Proposed Capital Improvement Program**

Municipal Energy Efficiency Program - Parks (MC-PR-41030)	654	80	0	0	0	0	0	0	734
Queen Anne Turf Field Replacement (MC-PR-41072 )	0	0	0	3,000	0	0	0	0	3,000
Seward Park Forest Restoration (MC-PR-41013)	831	90	0	0	0	0	0	0	921
Victor Steinbrueck Parking Envelope (MC-PR-41044)	21	3,479	1,500	0	0	0	0	0	5,000
W Magnolia PF South Athletic Field Conversion (MC-PR-41066)	0	0	0	0	0	0	0	8,875	8,875
Woodland Park Zoo Night Exhibit Renovation (MC-PR-41046)	387	2,408	0	0	0	0	0	0	2,795
<u>Ongoing</u>									
Athletic Field Replacements ( MC-PR-41070 )	0	0	1,120	2,116	3,590	2,270	2,598	0	11,694
ADA Compliance - Parks (MC-PR-41031)	3,871	3,319	2,000	1,000	0	0	0	0	10,190
Aquarium Major Maintenance (MC-PR-41004)	705	1,537	1,163	1,192	1,222	1,252	1,283	1,315	9,669
Ballfield Lighting Replacement Program (MC-PR-41009)	3,234	592	0	0	500	500	500	500	5,826
Ballfields - Minor Capital Improvements (MC-PR-41023)	391	74	46	45	50	50	50	50	756
Beach Restoration Program (MC-PR-41006)	415	149	25	25	0	0	0	0	614
Boat Moorage Restoration (MC-PR-41021)	288	4,012	0	0	0	0	0	0	4,300
Boiler and Mechanical System Replacement Program (MC-PR-41007)	1,395	184	100	0	175	175	175	175	2,379
Comfort Station Renovations (MC-PR-41036)	385	2,899	0	660	660	660	660	660	6,584
Community Center Rehabilitation & Development (MC-PR-41002)	2,049	11,021	3,571	3,661	3,752	3,846	3,942	4,041	35,883
Electrical System Replacement Program (MC-PR-41008)	1,504	171	100	100	150	150	150	150	2,475

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### **2019 - 2024 Proposed Capital Improvement Program**

Environmental Remediation Program (MC-PR-41016)	716	118	100	100	100	100	100	100	1,434
HVAC System Duct Cleaning Program - Large Buildings (MC-PR-41028)	275	40	35	35	35	35	35	35	525
Irrigation Replacement and Outdoor Infrastructure Program (MC-PR-41020)	1,509	481	250	250	550	550	550	550	4,690
Landscape Restoration Program (MC-PR-41017)	3,506	430	264	264	430	430	430	430	6,184
Major Maintenance Backlog and Asset Management (MC-PR-41001)	14,934	40,801	19,056	20,032	20,333	20,772	21,291	21,823	179,042
Neighborhood Capital Program (MC-PR-41015)	1,352	192	498	0	0	0	0	0	2,042
Neighborhood Response Program (MC-PR-41024)	1,839	1,078	200	200	250	250	250	250	4,317
Parks Upgrade Program (MC-PR-41029)	5,408	879	808	808	808	808	808	808	11,135
Pavement Restoration Program (MC-PR-41025)	2,369	518	350	320	400	400	400	400	5,157
Play Area Renovations (MC-PR-41039)	852	2,649	0	2,000	1,000	1,000	1,000	1,000	9,501
Play Area Safety Program (MC-PR-41018)	957	193	75	75	150	150	150	150	1,900
Roof & Building Envelope Program (MC-PR-41027)	3,178	683	250	250	350	350	350	350	5,761
Saving our City Forests (MC-PR-41003)	4,629	2,481	896	945	2,486	2,548	2,611	2,676	19,272
Tennis & Basketball Court Renovation Program (MC-PR-41019)	346	169	100	75	100	100	100	100	1,090
Trails Renovation Program (MC-PR-41026)	2,634	359	350	350	350	350	350	350	5,093
Urban Forestry - Forest Restoration Program (MC-PR-41022)	1,410	280	200	200	200	200	200	200	2,890
Urban Forestry - Green Seattle Partnership (MC-PR-41012)	12,624	2,341	1,700	1,700	1,700	1,700	1,700	1,700	25,165
Urban Forestry - Tree Replacement (MC-PR-41011)	1,430	117	95	95	95	95	95	95	2,117
Utility Conservation Program (MC-PR-41010)	2,812	565	305	305	355	355	355	355	5,407

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### **2019 - 2024 Proposed Capital Improvement Program**

Zoo Major Maintenance (MC-PR-41005)	3,456	2,580	1,938	1,987	2,037	2,087	2,140	2,194	18,419
<b>Fix It First-CIP</b>	<b>88,986</b>	<b>100,022</b>	<b>39,595</b>	<b>45,290</b>	<b>41,828</b>	<b>41,183</b>	<b>49,795</b>	<b>49,332</b>	<b>456,031</b>
<b>Maintaining Parks &amp; Facilities</b>						<b>BSL/Program Code:</b>		<b>BC-PR-50000</b>	
<u>Ongoing</u>									
Improve Dog Off-Leash Areas (MC-PR-51002)	64	417	115	117	120	123	126	129	1,211
Rejuvenate Our P-Patches (MC-PR-51001)	421	294	215	221	226	232	238	244	2,091
<b>Maintaining Parks &amp; Facilities</b>	<b>485</b>	<b>711</b>	<b>330</b>	<b>338</b>	<b>346</b>	<b>355</b>	<b>364</b>	<b>373</b>	<b>3,302</b>
<b>SR520 Mitigation</b>						<b>BSL/Program Code:</b>		<b>BC-PR-60000</b>	
<u>Discrete</u>									
Arboretum Waterfront Trail Renovation (MC-PR-61003)	199	276	0	0	0	0	0	0	475
Bryant Site Development (MC-PR-61002)	2,566	8,823	0	0	0	0	0	0	11,389
Washington Park Arboretum Trail Development (MC-PR- 61001)	7,553	257	0	0	0	0	0	0	7,810
<b>SR520 Mitigation</b>	<b>10,318</b>	<b>9,356</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19,674</b>
<b>Department Total:</b>	<b>225,889</b>	<b>225,244</b>	<b>71,353</b>	<b>82,739</b>	<b>79,776</b>	<b>86,606</b>	<b>69,146</b>	<b>60,416</b>	<b>901,169</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Fund Summary

Fund Name & Code	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
2000 Parks Levy Fund (33850)	1,975	0	0	0	0	0	0	0	1,975
2008 Parks Levy Fund (33860)	62,725	20,971	0	0	0	0	0	0	83,696
2010 Multipurpose LTGO Bond Fund (35400)	859	4	0	0	0	0	0	0	863
2011 Multipurpose LTGO Bond Fund (35500)	2,524	3	0	0	0	0	0	0	2,527
2012 Multipurpose LTGO Bond Fund (35600)	4,001	241	0	0	0	0	0	0	4,242
2013 King County Parks Levy (36000)	956	5,615	1,537	123	0	0	0	0	8,231
2013 Multipurpose LTGO Bond Fund (35700)	2,492	18	0	0	0	0	0	0	2,510
2014 Multipurpose LTGO Bond Fund (36100)	5,458	103	0	0	0	0	0	0	5,561
2015 Multipurpose LTGO Bond Fund (36200)	1,381	619	0	0	0	0	0	0	2,000
Alaskan Way Seawall Construction Fund (35800)	872	2,431	0	0	0	0	0	0	3,303
Beach Maintenance Fund (70200)	229	71	25	25	0	0	0	0	350
Central Waterfront Improvement Fund (35900)	265	5,882	4,800	1,500	20,853	27,845	8,441	2,137	71,723
Community Improvement Contribution Fund (33120)	43	7	0	0	0	0	0	0	50
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	14,563	10,007	512	35	35	35	35	35	25,257
Emergency Fund (10102)	21	0	0	0	0	0	0	0	21
Gasworks Park Contamination Remediation Fund (10220)	402	0	0	0	0	0	0	0	402
General Fund (00100)	163	8	2,007	1,210	1,202	1,204	1,208	1,205	8,207
Open Spaces & Trails Bond Fund (33600)	305	0	0	0	0	0	0	0	305
Park Mitigation and Remediation Fund (33130)	10,318	9,356	0	0	0	0	0	0	19,674
Parks 2002 Capital Facilities Bond Fund (34610)	39	0	0	0	0	0	0	0	39

*\*Amounts in thousands of dollars*

### 2019 - 2024 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Fund Summary

Fund Name & Code	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
Parks and Recreation Fund (10200)	4,745	7,318	4,382	9,731	1,680	1,683	1,681	1,686	32,906
Preschool Services Fund (17861)	2,129	631	0	0	0	0	0	0	2,760
REET I Capital Fund (30010)	32,725	27,210	4,606	15,439	8,264	8,261	220	220	96,945
REET II Capital Fund (30020)	48,229	49,869	25,073	28,918	23,774	23,081	32,452	29,396	260,792
Seattle Park District Fund (19710)	28,470	84,880	28,411	25,758	23,968	24,497	25,109	25,737	266,830
To Be Determined (TBD)	0	0	0	0	0	0	0	0	0
<b>Department Total:</b>	225,889	225,244	71,353	82,739	79,776	86,606	69,146	60,416	901,169

*\*Amounts in thousands of dollars*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Aquarium - Pier 59 Piling Replacement and Aquarium Redevelopment Debt Service

<b>Project Type:</b>	Debt Service	<b>Project No.:</b>	MC-PR-31002
<b>Start/End Date:</b>	2005-2025	<b>BSL/Program Code:</b>	BC-PR-30000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Debt and Special Funding
		<b>Location:</b>	1483 Alaskan Wy
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$37,209	<b>Urban Village:</b>	Downtown

This project supports debt service payments on 20-year Limited Tax General Obligation (LTGO) bonds that were issued in 2005 to pay for the replacement of the entire pier piling system of Pier 59, interior infrastructure improvements, and development of portions of the Aquarium by the Seattle Aquarium Society. The pier and Aquarium work was part of an overall plan to repair and redevelop the Aquarium and the Central Waterfront area, and to construct a new Aquarium entrance, exhibits, and visitor services on a portion of the pier. This work enhanced and extended the useful life of Pier 59 and the Aquarium.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Private Funding/Donations	6,693	0	0	0	0	0	0	0	6,693
Private Funding/Donations	367	175	169	168	167	170	168	173	1,557
Real Estate Excise Tax I	1,747	0	0	0	0	0	0	0	1,747
Real Estate Excise Tax II	14,629	1,544	1,545	1,540	1,547	1,542	1,543	1,546	25,436
<b>Total:</b>	23,436	1,719	1,714	1,708	1,714	1,712	1,711	1,719	35,433

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	6,693	0	0	0	0	0	0	0	6,693
Parks and Recreation Fund	367	175	169	168	167	170	168	173	1,557
REET I Capital Fund	1,747	0	0	0	0	0	0	0	1,747
REET II Capital Fund	14,629	1,544	1,545	1,540	1,547	1,542	1,543	1,546	25,436
<b>Total:</b>	23,436	1,719	1,714	1,708	1,714	1,712	1,711	1,719	35,433

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	6,693	0	0	0	0	0	0	0	6,693

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Parks and Recreation Fund	367	175	169	168	167	170	168	173	1,557
REET I Capital Fund	1,747	0	0	0	0	0	0	0	1,747
REET II Capital Fund	14,629	1,544	1,545	1,540	1,547	1,542	1,543	1,546	25,436
<b>Total:</b>	23,436	1,719	1,714	1,708	1,714	1,712	1,711	1,719	35,433
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**



## Department of Parks and Recreation

### Hubbard Homestead Park (Northgate) Acquisition- Debt Service

<b>Project Type:</b>	Debt Service	<b>Project No.:</b>	MC-PR-31003
<b>Start/End Date:</b>	2007-2027	<b>BSL/Program Code:</b>	BC-PR-30000
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Debt and Special Funding
		<b>Location:</b>	NE 112th St/5th Ave NE
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$4,438	<b>Urban Village:</b>	Northgate

This project funds the 20-year debt service payment on \$3 million Limited Tax General Obligation (LTGO) debt issued in 2007 to pay for the acquisition of the new Northgate Urban Center Park.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	1,980	228	222	224	221	218	220	220	3,533
<b>Total:</b>	1,980	228	222	224	221	218	220	220	3,533

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	1,980	228	222	224	221	218	220	220	3,533
<b>Total:</b>	1,980	228	222	224	221	218	220	220	3,533

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	1,980	228	222	224	221	218	220	220	3,533
<b>Total:</b>	1,980	228	222	224	221	218	220	220	3,533

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## Department of Parks and Recreation

### Parks Maintenance Facility Acquisition - Debt Service

<b>Project Type:</b>	Debt Service	<b>Project No.:</b>	MC-PR-31006
<b>Start/End Date:</b>	1999-2022	<b>BSL/Program Code:</b>	BC-PR-30000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Debt and Special Funding
		<b>Location:</b>	4201 W Marginal Wy SW
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$9,770	<b>Urban Village:</b>	Not in an Urban Village

This project funds debt service payments on 20-year bonds issued in 2002 to pay for the acquisition of the Westbridge Building, a facility that replaced the Department's primary maintenance facility at Roy Street. The replacement of the Roy Street facility assures a safe and efficient location for the Department's professional trades and a portion of the maintenance crews and management staff.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	576	1	0	0	0	0	0	0	577
Concession Revenues	40	0	0	0	0	0	0	0	40
City Light Fund Revenues	0	0	0	0	0	0	0	0	0
General Obligation Bonds	39	0	0	0	0	0	0	0	39
Real Estate Excise Tax I	6,327	562	559	555	555	556	0	0	9,114
<b>Total:</b>	6,982	563	559	555	555	556	0	0	9,770

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	576	1	0	0	0	0	0	0	577
Parks and Recreation Fund	40	0	0	0	0	0	0	0	40
Parks 2002 Capital Facilities Bond Fund	39	0	0	0	0	0	0	0	39
REET I Capital Fund	6,327	562	559	555	555	556	0	0	9,114
<b>Total:</b>	6,982	563	559	555	555	556	0	0	9,770

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	576	1	0	0	0	0	0	0	577
Parks and Recreation Fund	40	0	0	0	0	0	0	0	40

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Parks 2002 Capital Facilities Bond Fund	39	0	0	0	0	0	0	0	39
REET I Capital Fund	6,327	562	559	555	555	556	0	0	9,114
<b>Total:</b>	6,982	563	559	555	555	556	0	0	9,770
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Rainier Beach CC Debt Service

<b>Project Type:</b>	Debt Service	<b>Project No.:</b>	MC-PR-31008
<b>Start/End Date:</b>	2019-2033	<b>BSL/Program Code:</b>	BC-PR-30000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Debt and Special Funding
		<b>Location:</b>	8825 Rainier AVE S
<b>Neighborhood District:</b>	Southeast	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$0	<b>Urban Village:</b>	Rainier Beach

This project funds the 20-year debt service payment on bonds issued from 2019 -2033 to pay for the renovation of Rainier Beach Community Center

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

General Fund	0	0	2,007	1,210	1,202	1,204	1,208	1,205	8,036
<b>Total:</b>	0	0	2,007	1,210	1,202	1,204	1,208	1,205	8,036

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

General Fund	0	0	2,007	1,210	1,202	1,204	1,208	1,205	8,036
<b>Total:</b>	0	0	2,007	1,210	1,202	1,204	1,208	1,205	8,036

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

General Fund	0	0	2,007	1,210	1,202	1,204	1,208	1,205	8,036
<b>Total:</b>	0	0	2,007	1,210	1,202	1,204	1,208	1,205	8,036

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### 14th Avenue NW Park Boulevard Development (NW 58th to NW 62nd)

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16006
<b>Start/End Date:</b>	2012-2018	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	E 14th Ave NW/NW 58th ST/NW 62nd ST
<b>Neighborhood District:</b>	Ballard	<b>Council District:</b>	6
<b>Total Project Cost:</b>	\$2,625	<b>Urban Village:</b>	Ballard

This project develops 14th Avenue NW between NW 58th and NW 62nd as a Park Boulevard. After transfer of jurisdiction for this portion of 14th Avenue NW from the Seattle Department of Transportation to the Seattle Department of Parks and Recreation, a new park space will be created for the Ballard neighborhood. The Park Boulevard will provide usable park space while continuing to provide two traffic lanes and reduced parking. This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	509	2,116	0	0	0	0	0	0	2,625
<b>Total:</b>	509	2,116	0	0	0	0	0	0	2,625

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	509	2,116	0	0	0	0	0	0	2,625
<b>Total:</b>	509	2,116	0	0	0	0	0	0	2,625

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	509	2,115	1	0	0	0	0	0	2,625
<b>Total:</b>	509	2,115	1	0	0	0	0	0	2,625

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			29	30	30	31	33	34	187

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

Aquarium Expansion

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-21006
<b>Start/End Date:</b>	2015-2023	<b>BSL/Program Code:</b>	BC-PR-20000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building For The Future - CIP
<b>Current Project Stage:</b>	Design	<b>Location:</b>	1483 Alaskan WAY
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$34,290	<b>Urban Village:</b>	Downtown

The Seattle Aquarium is owned by Seattle Parks and Recreation and operated by the non-profit Seattle Aquarium Society (SEAS). SEAS is planning a major expansion to the Aquarium's existing footprint to add new programming and visitor capacity. This project will provide a new 'Ocean Pavilion' that will integrate with improvements made by The Office of the Waterfront along the Central Waterfront. SEAS also intends to make improvements to piers 59 and 60 to improve exhibit space and operations efficiency. Design and construction of the project is led by SEAS and coordinated with City investments by the Parks Department and Office of the Waterfront. This project is part of the overall waterfront improvement program and appropriates City matching funds for SEAS' project. Funding depicted in the table below represents committed funding for design. The City has committed to provide up to \$34 million to SEAS for design and construction, contingent upon provision of a detailed funding plan for review by the City by 2018.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Interfund Loan	250	0	0	0	0	0	0	0	250
Real Estate Excise Tax I	600	0	2,325	12,000	7,488	7,487	0	0	29,900
Real Estate Excise Tax II	982	3,158	0	0	0	0	0	0	4,140
<b>Total:</b>	1,832	3,158	2,325	12,000	7,488	7,487	0	0	34,290

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Central Waterfront Improvement Fund	250	0	0	0	0	0	0	0	250
REET I Capital Fund	600	0	2,325	12,000	7,488	7,487	0	0	29,900
REET II Capital Fund	982	3,158	0	0	0	0	0	0	4,140
<b>Total:</b>	1,832	3,158	2,325	12,000	7,488	7,487	0	0	34,290

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Central Waterfront Improvement Fund	250	0	0	0	0	0	0	0	250
REET I Capital Fund	600	0	1,220	2,080	13,000	13,000	0	0	29,900

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	982	3,158	0	0	0	0	0	0	4,140
<b>Total:</b>	1,832	3,158	1,220	2,080	13,000	13,000	0	0	34,290
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Arboretum Waterfront Trail Renovation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-61003
<b>Start/End Date:</b>	2014-2020	<b>BSL/Program Code:</b>	BC-PR-60000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	SR520 Mitigation
<b>Current Project Stage:</b>	Design	<b>Location:</b>	2300 Arboretum DR E
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$475	<b>Urban Village:</b>	Not in an Urban Village

This project renovates the portion of the trail from the existing MOHAI parking lot to the western edge of Foster Island. Project elements include upland and wetland restoration, invasive species removal, native plant re-vegetation, and related repairs. This restoration will improve the health of the ecosystem and provide a more enjoyable pedestrian and bicycling experience.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
State Interlocal Revenues	199	276	0	0	0	0	0	0	475
<b>Total:</b>	199	276	0	0	0	0	0	0	475

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Park Mitigation and Remediation Fund	199	276	0	0	0	0	0	0	475
<b>Total:</b>	199	276	0	0	0	0	0	0	475

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Park Mitigation and Remediation Fund	199	100	76	100	0	0	0	0	475
<b>Total:</b>	199	100	76	100	0	0	0	0	475

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Bobby Morris Playfield Turf Replacement-2008 Levy

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16014
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	1635 11th AVE
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$1,069	<b>Urban Village:</b>	Capitol Hill

This project, funded with 2008 Parks Levy funds redirected from the Seattle Asian Art Museum renovation project, replaces the synthetic turf field surfacing which was installed in 2005, and performs related work. The surfacing material is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for soccer, baseball, and other activities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	952	117	0	0	0	0	0	0	1,069
<b>Total:</b>	952	117	0	0	0	0	0	0	1,069

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	952	117	0	0	0	0	0	0	1,069
<b>Total:</b>	952	117	0	0	0	0	0	0	1,069

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	952	116	1	0	0	0	0	0	1,069
<b>Total:</b>	952	116	1	0	0	0	0	0	1,069

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Bryant Site Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-61002
<b>Start/End Date:</b>	2013-2020	<b>BSL/Program Code:</b>	BC-PR-60000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	SR520 Mitigation
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	1101 NE Boat ST
<b>Neighborhood District:</b>	Northeast	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$11,389	<b>Urban Village:</b>	University District

This project, funded with monies from the University of Washington and the Washington State Department of Transportation, remediates and develops a replacement park site at 1101 NE Boat Street for lands lost at the Washington Park Arboretum and East Montlake Park for the development of the new State Route 520 Bridge and HOV project, I-5 to Medina. Improvements include demolition, site remediation, design, and development of a new waterfront park. The replacement park continues to serve city-wide park needs.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
State Interlocal Revenues	2,566	8,823	0	0	0	0	0	0	11,389
<b>Total:</b>	2,566	8,823	0	0	0	0	0	0	11,389

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Park Mitigation and Remediation Fund	2,566	8,823	0	0	0	0	0	0	11,389
<b>Total:</b>	2,566	8,823	0	0	0	0	0	0	11,389

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Park Mitigation and Remediation Fund	2,566	2,755	5,568	500	0	0	0	0	11,389
<b>Total:</b>	2,566	2,755	5,568	500	0	0	0	0	11,389

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Cal Anderson Park Landscape Improvement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41047
<b>Start/End Date:</b>	2018-2020	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	1635 11th AVE
<b>Neighborhood District:</b>	Central	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$200	<b>Urban Village:</b>	First Hill/Capitol Hill

This project provides funding for the planning, design, and installation at Cal Anderson Park of a seating/enhanced landscape area or a contemplative space complementary to the larger AIDS memorial project located in the public spaces in and around the Transit-Oriented-Development (TOD) project at the Capitol Hill Sound Transit station. This will be a joint effort with the Office of Arts & Culture and Seattle Parks and Recreation and will be designed as part of the comprehensive memorial project.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	200	0	0	0	0	0	0	200
<b>Total:</b>	0	200	0	0	0	0	0	0	200

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	0	200	0	0	0	0	0	0	200
<b>Total:</b>	0	200	0	0	0	0	0	0	200

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	0	50	50	100	0	0	0	0	200
<b>Total:</b>	0	50	50	100	0	0	0	0	200

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Comfort Station Renovations-2008 Levy Phase 2

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16007
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$846	<b>Urban Village:</b>	Multiple

This project, funded with 2008 Parks Levy funds redirected from the Seattle Asian Art Museum renovation project, renovates selected comfort station sites for improved ADA access, ventilation and finishes (walls and floors) and security. The renovations may include reconfigured stalls, new toilets and urinals, ADA compliance improvements, paint and finishes, and related work, depending on the needs of a particular site. More park users will have access to the facility, and the improvements will make it more inviting and comfortable. Specific sites in 2014 to be determined.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	422	424	0	0	0	0	0	0	846
<b>Total:</b>	422	424	0	0	0	0	0	0	846

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	422	424	0	0	0	0	0	0	846
<b>Total:</b>	422	424	0	0	0	0	0	0	846

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	422	144	280	0	0	0	0	0	846
<b>Total:</b>	422	144	280	0	0	0	0	0	846

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Community Food Gardens and P-Patches

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-17001
<b>Start/End Date:</b>	2009-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$2,427	<b>Urban Village:</b>	Not in an Urban Village

This project provides for acquisition and development of new sites and development of new community gardens or P-Patches on existing City-owned property. The primary (but not exclusive) focus is on Ballard, Queen Anne, Rainier Valley, and West Seattle. This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	2,416	11	0	0	0	0	0	0	2,427
<b>Total:</b>	2,416	11	0	0	0	0	0	0	2,427

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	2,416	11	0	0	0	0	0	0	2,427
<b>Total:</b>	2,416	11	0	0	0	0	0	0	2,427

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	2,416	10	1	0	0	0	0	0	2,427
<b>Total:</b>	2,416	10	1	0	0	0	0	0	2,427

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			14	14	14	14	15	15	86

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Danny Woo Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41045
<b>Start/End Date:</b>	2017-2019	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Design	<b>Location:</b>	310 Maynard AVE S
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$300	<b>Urban Village:</b>	Downtown

This project provides funding to assist in making capital improvements to the garden and grounds, including a new education building, ADA upgrades, and related work at Danny Woo Community Garden in the Chinatown/International District. The renovations will allow the site to be used for more community education and gatherings.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	26	274	0	0	0	0	0	0	300
<b>Total:</b>	26	274	0	0	0	0	0	0	300

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	26	274	0	0	0	0	0	0	300
<b>Total:</b>	26	274	0	0	0	0	0	0	300

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	26	254	20	0	0	0	0	0	300
<b>Total:</b>	26	254	20	0	0	0	0	0	300

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### East John Street Open Space Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-15004
<b>Start/End Date:</b>	2012-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Summit AVE E/E John ST
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$280	<b>Urban Village:</b>	Capitol Hill

This project, part of the 2008 Parks Levy Opportunity Fund, removes impervious paving; adds a bioswale and planting area; and improves neighborhood pedestrian connections. These improvements will make the site more environmentally sensitive and enhance its accessibility to the public.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Seattle Voter-Approved Levy	268	12	0	0	0	0	0	0	280
<b>Total:</b>	268	12	0	0	0	0	0	0	280

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

2008 Parks Levy Fund	268	12	0	0	0	0	0	0	280
<b>Total:</b>	268	12	0	0	0	0	0	0	280

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

2008 Parks Levy Fund	268	11	1	0	0	0	0	0	280
<b>Total:</b>	268	11	1	0	0	0	0	0	280

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	8	8	9	10	12	12	59
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Emma Schmitz Sea Wall Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41037
<b>Start/End Date:</b>	2014-2020	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Design	<b>Location:</b>	4503 Beach DR SW
<b>Neighborhood District:</b>	Southwest	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$350	<b>Urban Village:</b>	Not in an Urban Village

This project is Seattle Parks' share of the replacement or repair of the seawall which is failing. The Army Corps of Engineers is funding a study to determine the best option for replacement or repair of the seawall. It is anticipated that the cost of the project will be less than \$2 million. Parks and the Army Corps will share the costs of the project (Parks 35% and Army Corps 65%).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Miscellaneous Grants or Donations	43	7	0	0	0	0	0	0	50
Real Estate Excise Tax I	0	300	0	0	0	0	0	0	300
<b>Total:</b>	43	307	0	0	0	0	0	0	350

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Community Improvement Contribution Fund	43	7	0	0	0	0	0	0	50
REET I Capital Fund	0	300	0	0	0	0	0	0	300
<b>Total:</b>	43	307	0	0	0	0	0	0	350

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Community Improvement Contribution Fund	43	28	0	0	0	0	0	0	71
REET I Capital Fund	0	300	2	0	0	0	0	0	302
<b>Total:</b>	43	328	2	0	0	0	0	0	373

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Emma Schmitz Sea Wall Replacement-2008 Levy

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16008
<b>Start/End Date:</b>	2014-2020	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Design	<b>Location:</b>	4503 Beach DR SW
<b>Neighborhood District:</b>	Southwest	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$650	<b>Urban Village:</b>	Not in an Urban Village

This project, funded with 2008 Parks Levy funds redirected from the Seattle Asian Art Museum renovation project, is Seattle Parks' share of the replacement or repair of the seawall which is failing. The Army Corps of Engineers is funding a study to determine the best option for replacement or repair of the seawall. It is anticipated that the cost of the project will be less than \$2 million. Parks and the Army Corps will share the costs of the project (Parks 35% and Army Corps 65%).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	5	645	0	0	0	0	0	0	650
<b>Total:</b>	5	645	0	0	0	0	0	0	650

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	5	645	0	0	0	0	0	0	650
<b>Total:</b>	5	645	0	0	0	0	0	0	650

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	5	75	500	70	0	0	0	0	650
<b>Total:</b>	5	75	500	70	0	0	0	0	650

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### First Hill Park Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-15015
<b>Start/End Date:</b>	2018-TBD	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	1201 University ST
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$1,000	<b>Urban Village:</b>	First Hill/Capitol Hill

This project re-develops a First Hill Park in the First Hill community. This project is part of the 2008 Parks Levy using funds reallocated from Neighborhood Park Acquisitions.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Seattle Voter-Approved Levy	0	1,000	0	0	0	0	0	0	1,000
<b>Total:</b>	0	1,000	0	0	0	0	0	0	1,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

2008 Parks Levy Fund	0	1,000	0	0	0	0	0	0	1,000
<b>Total:</b>	0	1,000	0	0	0	0	0	0	1,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

2008 Parks Levy Fund	0	200	700	100	0	0	0	0	1,000
<b>Total:</b>	0	200	700	100	0	0	0	0	1,000

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## Department of Parks and Recreation

### Fountain Discharge Retrofit

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41033
<b>Start/End Date:</b>	2012-2019	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$583	<b>Urban Village:</b>	Multiple

This project retrofits the filter backwash system for four fountains: Piggott, American Legion, Canyon-Cascade in Freeway Park and Cal Anderson Park. These fountains will be modified in accordance with current codes and permits.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	106	0	0	0	0	0	0	106
Real Estate Excise Tax II	252	225	0	0	0	0	0	0	477
<b>Total:</b>	252	331	0	0	0	0	0	0	583

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	0	106	0	0	0	0	0	0	106
REET II Capital Fund	252	225	0	0	0	0	0	0	477
<b>Total:</b>	252	331	0	0	0	0	0	0	583

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	0	106	0	0	0	0	0	0	106
REET II Capital Fund	252	220	5	0	0	0	0	0	477
<b>Total:</b>	252	326	5	0	0	0	0	0	583

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Freeway Park Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-21011
<b>Start/End Date:</b>	2018-2021	<b>BSL/Program Code:</b>	BC-PR-20000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Building For The Future - CIP
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	1227 9th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$10,000	<b>Urban Village:</b>	First Hill/Capitol Hill

This project will make major improvements to Freeway Park, including renovation and upgrades to its electrical and lighting systems, utilities, and storm-water infrastructure. Related work may also include enhancements to entries, renovation of the comfort station, site furnishings, wayfinding, programming and activation. This project is part of the Building for the Future Budget Summary Level, and using mitigation funds allocated from the convention center expansion public benefits package.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Private Funding/Donations	0	750	1,200	8,050	0	0	0	0	10,000
<b>Total:</b>	0	750	1,200	8,050	0	0	0	0	10,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Parks and Recreation Fund	0	750	1,200	8,050	0	0	0	0	10,000
<b>Total:</b>	0	750	1,200	8,050	0	0	0	0	10,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Parks and Recreation Fund	0	750	1,200	7,050	1,000	0	0	0	10,000
<b>Total:</b>	0	750	1,200	7,050	1,000	0	0	0	10,000

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Gas Works Park Play Area Renovation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16002
<b>Start/End Date:</b>	2013-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	2101 N Northlake WAY
<b>Neighborhood District:</b>	Lake Union	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$1,400	<b>Urban Village:</b>	Not in an Urban Village

This project provides for replacement of play equipment, access improvements and other work at the existing Gas Works Park play area. The scope of this project brings the play area into compliance with current play area safety standards and guideline efforts of the American Society of Testing and Materials (ASTM) and the Consumer Product Safety Commission (CPSC) as well as meets the requirements of the Americans with Disabilities Act (ADA). This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	624	776	0	0	0	0	0	0	1,400
<b>Total:</b>	624	776	0	0	0	0	0	0	1,400

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	624	776	0	0	0	0	0	0	1,400
<b>Total:</b>	624	776	0	0	0	0	0	0	1,400

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	624	766	10	0	0	0	0	0	1,400
<b>Total:</b>	624	766	10	0	0	0	0	0	1,400

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Golf Master Plan Implementation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-31004
<b>Start/End Date:</b>	2010-2019	<b>BSL/Program Code:</b>	BC-PR-30000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Debt and Special Funding
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$16,525	<b>Urban Village:</b>	Multiple

This project provides improvements to the four City-owned golf courses (Interbay, Jackson, Jefferson, and West Seattle), including but not limited to, building replacements, driving ranges, cart path improvements, and course and landscaping renovation. Golf Capital Improvements will be phased over 6+ years, placing the revenue generating improvements upfront. The project will expand Golf program capacity and revenues by implementing portions of the Golf Master Plan.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Obligation Bonds	859	4	0	0	0	0	0	0	863
General Obligation Bonds	2,046	3	0	0	0	0	0	0	2,049
General Obligation Bonds	4,001	241	0	0	0	0	0	0	4,242
General Obligation Bonds	1,810	0	0	0	0	0	0	0	1,810
General Obligation Bonds	5,458	103	0	0	0	0	0	0	5,561
General Obligation Bonds	1,381	619	0	0	0	0	0	0	2,000
<b>Total:</b>	15,555	970	0	0	0	0	0	0	16,525

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2010 Multipurpose LTGO Bond Fund	859	4	0	0	0	0	0	0	863
2011 Multipurpose LTGO Bond Fund	2,046	3	0	0	0	0	0	0	2,049
2012 Multipurpose LTGO Bond Fund	4,001	241	0	0	0	0	0	0	4,242
2013 Multipurpose LTGO Bond Fund	1,810	0	0	0	0	0	0	0	1,810
2014 Multipurpose LTGO Bond Fund	5,458	103	0	0	0	0	0	0	5,561
2015 Multipurpose LTGO Bond Fund	1,381	619	0	0	0	0	0	0	2,000
<b>Total:</b>	15,555	970	0	0	0	0	0	0	16,525

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2010 Multipurpose LTGO Bond Fund	859	4	0	0	0	0	0	0	863
2011 Multipurpose LTGO Bond Fund	2,046	3	0	0	0	0	0	0	2,049
2012 Multipurpose LTGO Bond Fund	4,001	241	0	0	0	0	0	0	4,242
2013 Multipurpose LTGO Bond Fund	1,810	0	0	0	0	0	0	0	1,810
2014 Multipurpose LTGO Bond Fund	5,458	103	0	0	0	0	0	0	5,561
2015 Multipurpose LTGO Bond Fund	1,381	0	619	0	0	0	0	0	2,000
<b>Total:</b>	15,555	351	619	0	0	0	0	0	16,525
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Green Lake CC - Evans Pool Roof Replacement & Solar Hot Water

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41034
<b>Start/End Date:</b>	2013-2019	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	7201 E Green Lake Dr N
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	6
<b>Total Project Cost:</b>	\$1,672	<b>Urban Village:</b>	Green Lake

This project demolishes the existing 15,130 square foot Evans Pool roof and the 13,625 Community Center roof and replaces them with a rubberized membrane roofing/EPDM system and solar panels to supplement the pool hot water system, seismic improvements, and related work. The flat roof section of the roof will accommodate a 1,000,000 Btu/day system and will help to reduce pool heating costs.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	316	1,356	0	0	0	0	0	0	1,672
<b>Total:</b>	316	1,356	0	0	0	0	0	0	1,672

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	316	1,356	0	0	0	0	0	0	1,672
<b>Total:</b>	316	1,356	0	0	0	0	0	0	1,672

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	316	602	754	0	0	0	0	0	1,672
<b>Total:</b>	316	602	754	0	0	0	0	0	1,672

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Green Lake Community Center & Evans Pool Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41071
<b>Start/End Date:</b>	2019-TBD	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	7201 E Green Lake DR N
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	6
<b>Total Project Cost:</b>	\$1,000	<b>Urban Village:</b>	Green Lake

This project will achieve planning and schematic design for replacement of the current Green Lake Community Center and Evans Pool. Work will entail public outreach and engagement, feasibility analysis of alternatives, and development of a preferred schematic design and cost estimating.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	500	500	0	0	0	0	1,000
<b>Total:</b>	0	0	500	500	0	0	0	0	1,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET II Capital Fund	0	0	500	500	0	0	0	0	1,000
<b>Total:</b>	0	0	500	500	0	0	0	0	1,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	0	0	500	500	0	0	0	0	1,000
<b>Total:</b>	0	0	500	500	0	0	0	0	1,000

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Green Lake Community Center Electrical and Mechanical Renovation-2008

#### Levy

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16009
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Design	<b>Location:</b>	7201 E Green Lake DR N
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	6
<b>Total Project Cost:</b>	\$1,216	<b>Urban Village:</b>	Green Lake

This project, funded with 2008 Parks Levy funds redirected from the Seattle Asian Art Museum renovation project, replaces selected electrical and mechanical components in the facility, including replacing the main boiler, adding a new DCC controls system, upgrading building, emergency, and exit lighting, the fire alarm system, and related improvements. It is anticipated that these improvements will improve safety and improve energy efficiency in the Center and Pool.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	93	1,123	0	0	0	0	0	0	1,216
<b>Total:</b>	93	1,123	0	0	0	0	0	0	1,216

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	93	1,123	0	0	0	0	0	0	1,216
<b>Total:</b>	93	1,123	0	0	0	0	0	0	1,216

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	93	94	1,029	0	0	0	0	0	1,216
<b>Total:</b>	93	94	1,029	0	0	0	0	0	1,216

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## Department of Parks and Recreation

### Hiawatha Community Center Renovation-2008 Levy

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16010
<b>Start/End Date:</b>	2014-2020	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Design	<b>Location:</b>	2700 California AVE SW
<b>Neighborhood District:</b>	Southwest	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$1,193	<b>Urban Village:</b>	Admiral District

This project, funded with 2008 Parks Levy funds redirected from the Seattle Asian Art Museum renovation project, renovates the building to include an updated kitchen, interior space renovations, new electrical, water and sewer services, exterior and seismic upgrades, ADA improvements, and other related work. Combined, these major systems and programmatic renovations will allow the building to operate more efficiently, and increases the opportunities for more facility rentals.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	25	1,168	0	0	0	0	0	0	1,193
<b>Total:</b>	25	1,168	0	0	0	0	0	0	1,193

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	25	1,168	0	0	0	0	0	0	1,193
<b>Total:</b>	25	1,168	0	0	0	0	0	0	1,193

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	25	168	900	100	0	0	0	0	1,193
<b>Total:</b>	25	168	900	100	0	0	0	0	1,193

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Hing Hay Park Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16003
<b>Start/End Date:</b>	2013-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	423 Maynard AVE S
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$3,445	<b>Urban Village:</b>	International District

This project redevelops the site of the International District Station Post Office into parkland that will be an extension of Hing Hay Park. Site elements may include lighting, seating, landscaping, ADA access, signage, and other park elements. The land for this park was acquired with 2000 Pro Parks Levy funds. This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	3,265	180	0	0	0	0	0	0	3,445
<b>Total:</b>	3,265	180	0	0	0	0	0	0	3,445

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	3,265	180	0	0	0	0	0	0	3,445
<b>Total:</b>	3,265	180	0	0	0	0	0	0	3,445

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	3,265	170	10	0	0	0	0	0	3,445
<b>Total:</b>	3,265	170	10	0	0	0	0	0	3,445

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	25	25	26	26	27	27	156

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Interbay Stadium Synthetic Turf Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41035
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	3027 17th Ave W
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$305	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the synthetic turf field surfacing (91,000 square feet) which was installed in 2004 and is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for soccer and other activities. The total cost of this project may be shared with Seattle Pacific University per a current operating agreement that Parks has with the University.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Miscellaneous Grants or Donations	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax I	31	274	0	0	0	0	0	0	305
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
<b>Total:</b>	31	274	0	0	0	0	0	0	305

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0	0
REET I Capital Fund	31	274	0	0	0	0	0	0	305
REET II Capital Fund	0	0	0	0	0	0	0	0	0
<b>Total:</b>	31	274	0	0	0	0	0	0	305

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0	0
REET I Capital Fund	31	270	4	0	0	0	0	0	305
REET II Capital Fund	0	0	0	0	0	0	0	0	0
<b>Total:</b>	31	270	4	0	0	0	0	0	305

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Jimi Hendrix Park Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-15003
<b>Start/End Date:</b>	2011-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	2400 Massachusetts ST
<b>Neighborhood District:</b>	Southeast	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$2,013	<b>Urban Village:</b>	North Rainier

This project, part of the 2008 Parks Levy Opportunity Fund, completes the development of the park, enhancing an existing open green space by adding park elements that will make the site more usable and provide a unique space to honor the legacy of the park's namesake.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
King County Funds	101	0	0	0	0	0	0	0	101
Seattle Voter-Approved Levy	491	44	0	0	0	0	0	0	535
Private Funding/Donations	789	589	0	0	0	0	0	0	1,378
<b>Total:</b>	1,381	633	0	0	0	0	0	0	2,014

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	1,381	633	0	0	0	0	0	0	2,014
<b>Total:</b>	1,381	633	0	0	0	0	0	0	2,014

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	1,381	600	33	0	0	0	0	0	2,014
<b>Total:</b>	1,381	600	33	0	0	0	0	0	2,014

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	12	12	13	13	13	14	77

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Joint Preschool Site and Tenant Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41042
<b>Start/End Date:</b>	2016-2019	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$2,760	<b>Urban Village:</b>	Not in an Urban Village

This project provides funding to evaluate, plan, and design preschool classrooms and to further perform the necessary alterations, tenant improvements, site improvements, and other related improvements necessary to expand, renovate, or construct preschool classrooms at Parks sites/facilities. This project is primarily funded by the Seattle Preschool Program Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Preschool Program Levy Funds	2,129	631	0	0	0	0	0	0	2,760
<b>Total:</b>	2,129	631	0	0	0	0	0	0	2,760

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Preschool Services Fund	2,129	631	0	0	0	0	0	0	2,760
<b>Total:</b>	2,129	631	0	0	0	0	0	0	2,760

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Preschool Services Fund	2,129	600	31	0	0	0	0	0	2,760
<b>Total:</b>	2,129	600	31	0	0	0	0	0	2,760

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Lake City Community Center Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41040
<b>Start/End Date:</b>	2014-2021	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	12531 28th Avenue NE
<b>Neighborhood District:</b>	North	<b>Council District:</b>	5
<b>Total Project Cost:</b>	\$8,500	<b>Urban Village:</b>	Lake City

This project provides for an architectural and engineering study to identify code compliance and design needs and cost estimates, and for implementation of the study to renovate the Lake City Community Center. Depending on the study results, specific renovations may include Americans with Disabilities Act accessibility compliance elements such as an elevator for access to the second floor, new windows and/or doors to the rear patio, signage, finishes, and related work. The renovations will improve access to the facility for all users, and make it more inviting and comfortable. This project also includes resources to support design and partial construction of new recreation spaces at the Community Center and other related work.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	350	150	0	0	0	0	0	0	500
Real Estate Excise Tax II	0	3,000	2,000	3,000	0	0	0	0	8,000
<b>Total:</b>	350	3,150	2,000	3,000	0	0	0	0	8,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	350	150	0	0	0	0	0	0	500
REET II Capital Fund	0	3,000	2,000	3,000	0	0	0	0	8,000
<b>Total:</b>	350	3,150	2,000	3,000	0	0	0	0	8,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	350	150	0	0	0	0	0	0	500
REET II Capital Fund	0	0	4,000	3,000	1,000	0	0	0	8,000
<b>Total:</b>	350	150	4,000	3,000	1,000	0	0	0	8,500

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Lake Union Park Remediation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41043
<b>Start/End Date:</b>	2017-2019	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	860 Terry Ave N
<b>Neighborhood District:</b>	Lake Union	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$3,600	<b>Urban Village:</b>	South Lake Union

This project is a repair project to alleviate settlement that has occurred within the Park site and other related items. Specific site elements will be repaired, including bridge, bridge abutment, boardwalk, sidewalk, and landscaping. The work will entail the removal of existing soil and the installation of lightweight geofoam under hardscapes (walkways) along the western portion of the park 'peninsula' (west of MOHAI) to reduce load. The improvements will ensure safe and accessible walkways and will reopen bridge access from the west side of the Park.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax II	3,469	131	0	0	0	0	0	0	3,600
<b>Total:</b>	3,469	131	0	0	0	0	0	0	3,600

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET II Capital Fund	3,469	131	0	0	0	0	0	0	3,600
<b>Total:</b>	3,469	131	0	0	0	0	0	0	3,600

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	3,469	130	1	0	0	0	0	0	3,600
<b>Total:</b>	3,469	130	1	0	0	0	0	0	3,600

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Lake Union Park Walkway Renovations-2008 Levy

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16011
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	860 Terry AVE N
<b>Neighborhood District:</b>	Lake Union	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$354	<b>Urban Village:</b>	South Lake Union

This project, funded with 2008 Parks Levy funds redirected from the Seattle Asian Art Museum renovation project, investigates and repairs subsidence issues in walkway areas at Lake Union Park, along the north side of the park adjacent to the water, and east and north of the pedestrian bridge on the west side of the park. Temporary repairs have been made to eliminate tripping hazards, but this project constructs a long term solution to ensure safe and accessible walkways.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	353	1	0	0	0	0	0	0	354
<b>Total:</b>	353	1	0	0	0	0	0	0	354

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	353	1	0	0	0	0	0	0	354
<b>Total:</b>	353	1	0	0	0	0	0	0	354

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	353	0	1	0	0	0	0	0	354
<b>Total:</b>	353	0	1	0	0	0	0	0	354

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Langston Hughes Performing Arts Center Renovation-2008 Parks Levy

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-11001
<b>Start/End Date:</b>	2009-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	104 17th AVE S
<b>Neighborhood District:</b>	Central	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$3,615	<b>Urban Village:</b>	23rd & Union-Jackson

This project provides for seismic upgrade, electrical system modernization, and other work at Langston Hughes Performing Arts Center. This project enhances the safety of the facility per the recommendations/findings of a previous architectural and engineering assessment of the building in 2008. This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
State Grant Funds	449	0	0	0	0	0	0	0	449
Seattle Voter-Approved Levy	3,143	23	0	0	0	0	0	0	3,166
<b>Total:</b>	3,592	23	0	0	0	0	0	0	3,615

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	449	0	0	0	0	0	0	0	449
2008 Parks Levy Fund	3,143	23	0	0	0	0	0	0	3,166
<b>Total:</b>	3,592	23	0	0	0	0	0	0	3,615

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	449	0	0	0	0	0	0	0	449
2008 Parks Levy Fund	3,143	22	1	0	0	0	0	0	3,166
<b>Total:</b>	3,592	22	1	0	0	0	0	0	3,615

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	4	5	5	6	6	6	32

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Lewis Park Natural Area Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-15008
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	1120 15th AVE S
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$960	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2008 Parks Levy Opportunity Fund, constructs trails and related natural area improvements. The goal of this project is to undertake activities to foster the long term community stewardship of the Natural Area for community enjoyment.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	948	12	0	0	0	0	0	0	960
<b>Total:</b>	948	12	0	0	0	0	0	0	960

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	948	12	0	0	0	0	0	0	960
<b>Total:</b>	948	12	0	0	0	0	0	0	960

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	948	11	1	0	0	0	0	0	960
<b>Total:</b>	948	11	1	0	0	0	0	0	960

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	5	5	6	6	7	8	37

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Loyal Heights Community Center Renovation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41038
<b>Start/End Date:</b>	2017-2021	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Design	<b>Location:</b>	2101 N 77th ST
<b>Neighborhood District:</b>	Ballard	<b>Council District:</b>	6
<b>Total Project Cost:</b>	\$1,868	<b>Urban Village:</b>	Not in an Urban Village

This project renovates the building including interior space renovations, ADA improvements, seismic upgrades, window glazing, and some major systems improvements. Combined, these major systems and programmatic renovations will allow the building to operate more efficiently, and to increase the opportunities for more facility rentals.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax II	4	1,864	0	0	0	0	0	0	1,868
<b>Total:</b>	4	1,864	0	0	0	0	0	0	1,868

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET II Capital Fund	4	1,864	0	0	0	0	0	0	1,868
<b>Total:</b>	4	1,864	0	0	0	0	0	0	1,868

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	4	364	500	900	100	0	0	0	1,868
<b>Total:</b>	4	364	500	900	100	0	0	0	1,868

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Loyal Heights Playfield Turf Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41048
<b>Start/End Date:</b>	2018-2020	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Design	<b>Location:</b>	2101 N 77th ST
<b>Neighborhood District:</b>	Ballard	<b>Council District:</b>	6
<b>Total Project Cost:</b>	\$2,385	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the synthetic turf field surfacing (134,000 square feet) which was installed in 2006, and is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for soccer, baseball, and other activities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	2,385	0	0	0	0	0	0	2,385
<b>Total:</b>	0	2,385	0	0	0	0	0	0	2,385

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET II Capital Fund	0	2,385	0	0	0	0	0	0	2,385
<b>Total:</b>	0	2,385	0	0	0	0	0	0	2,385

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	0	118	2,167	100	0	0	0	0	2,385
<b>Total:</b>	0	118	2,167	100	0	0	0	0	2,385

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Magnolia Manor Park Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-15009
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	3500 28th AVE W
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$460	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2008 Parks Levy Opportunity Fund, completes the park plan by opening up and improving the level area of the park. This project also provides a needed second access to the P-Patch.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Seattle Voter-Approved Levy	421	39	0	0	0	0	0	0	460
<b>Total:</b>	421	39	0	0	0	0	0	0	460

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

2008 Parks Levy Fund	421	39	0	0	0	0	0	0	460
<b>Total:</b>	421	39	0	0	0	0	0	0	460

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

2008 Parks Levy Fund	421	38	1	0	0	0	0	0	460
<b>Total:</b>	421	38	1	0	0	0	0	0	460

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	7	7	8	8	8	9	47
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## Department of Parks and Recreation

### Magnuson Community Center Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41067
<b>Start/End Date:</b>	2018-TBD	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	7110 62nd AVE NE
<b>Neighborhood District:</b>	Northeast	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$2,150	<b>Urban Village:</b>	Not in an Urban Village

This project provides funding for design and renovation of the Magnuson Park Community Center (Building #47) to reconfigure the interior space of the south side of the building for increased programming options. Work on Building #47 will include new mechanical, electrical, and plumbing components, window replacement, hazardous material abatement, and other related work.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
King County Funds	0	1,000	0	0	0	0	0	0	1,000
Real Estate Excise Tax II	0	1,150	0	0	0	0	0	0	1,150
<b>Total:</b>	0	2,150	0	0	0	0	0	0	2,150

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Parks and Recreation Fund	0	1,000	0	0	0	0	0	0	1,000
REET II Capital Fund	0	1,150	0	0	0	0	0	0	1,150
<b>Total:</b>	0	2,150	0	0	0	0	0	0	2,150

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Parks and Recreation Fund	0	0	0	500	500	0	0	0	1,000
REET II Capital Fund	0	0	75	500	500	75	0	0	1,150
<b>Total:</b>	0	0	75	1,000	1,000	75	0	0	2,150

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Park Athletic Field 12 Conversion

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41064
<b>Start/End Date:</b>	2023-2024	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	7400 Sand Point Way NE
<b>Neighborhood District:</b>	Northeast	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$7,522	<b>Urban Village:</b>	Not in an Urban Village

This project converts approximately 100,000 square feet of an existing grass to synthetic turf, installs lighting, drainage improvements, and performs related work. Per the Magnuson Park Master Plan, the field is located south of the existing field 6 and west of the existing field 7 and will be reconfigured into field 12. This improvement allows for greater use and scheduling of the playfield for soccer, lacrosse, and other activities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax II	0	0	0	0	0	0	7,522	0	7,522
<b>Total:</b>	0	0	0	0	0	0	7,522	0	7,522

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
REET II Capital Fund	0	0	0	0	0	0	7,522	0	7,522
<b>Total:</b>	0	0	0	0	0	0	7,522	0	7,522

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
REET II Capital Fund	0	0	0	0	0	0	7,522	0	7,522
<b>Total:</b>	0	0	0	0	0	0	7,522	0	7,522

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Park Building #406 Roof Replacement-2008 Levy

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16012
<b>Start/End Date:</b>	2014-2020	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Design	<b>Location:</b>	7400 Sand Point WAY NE
<b>Neighborhood District:</b>	Northeast	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$1,352	<b>Urban Village:</b>	Not in an Urban Village

This project, funded with 2008 Parks Levy funds redirected from the Seattle Asian Art Museum renovation project, replaces the Built Up Roofing (BUR) system with a rubberized/EPDM roofing system with 20KW photovoltaic panels, and performs other related work. The system will supply power into the electrical system for the building, which will reduce the amount of utility power used. At certain times, the system may produce more power than is being used by the building, resulting in a credit for power used. This project eliminates a leaky roof and will make the facility more energy efficient.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	37	1,315	0	0	0	0	0	0	1,352
<b>Total:</b>	37	1,315	0	0	0	0	0	0	1,352

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	37	1,315	0	0	0	0	0	0	1,352
<b>Total:</b>	37	1,315	0	0	0	0	0	0	1,352

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	37	315	999	1	0	0	0	0	1,352
<b>Total:</b>	37	315	999	1	0	0	0	0	1,352

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Marra-Desimone Park Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16004
<b>Start/End Date:</b>	2013-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Design	<b>Location:</b>	9026 4th AVE S
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$1,100	<b>Urban Village:</b>	Not in an Urban Village

This project provides for development of Marra-Desimone Park, which includes the Marra Farm, Seattle’s largest site for urban gardening. It implements elements of the “Long-Range Development Plan for Marra-Desimone Park” (2008), and may include enhancement of the existing farm area, development of community and recreation space on the eastern side of the park, paths, and gateway features. This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	267	833	0	0	0	0	0	0	1,100
<b>Total:</b>	267	833	0	0	0	0	0	0	1,100

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	267	833	0	0	0	0	0	0	1,100
<b>Total:</b>	267	833	0	0	0	0	0	0	1,100

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	267	46	760	27	0	0	0	0	1,100
<b>Total:</b>	267	46	760	27	0	0	0	0	1,100

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	31	32	33	33	34	34	197

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Municipal Energy Efficiency Program - Parks

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41030
<b>Start/End Date:</b>	2011-2020	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Citywide Multiple Locations
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$734	<b>Urban Village:</b>	Multiple

This project provides for investment in more energy efficient building systems and other facility efficiency improvements. By making these investments the City expects future savings in utility and labor costs, and significant progress toward carbon neutrality. This program is intended to fund facility retrofit projects identified by energy audits conducted in 2010 (funded by the City’s Energy Efficiency and Conservation Block Grant) and similar projects identified by the department. Depending on project demand and available funding, additional resources may be added in the future.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Miscellaneous Grants or Donations	0	0	0	0	0	0	0	0	0
General Obligation Bonds	478	0	0	0	0	0	0	0	478
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax II	176	80	0	0	0	0	0	0	256
<b>Total:</b>	654	80	0	0	0	0	0	0	734

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0	0
2011 Multipurpose LTGO Bond Fund	478	0	0	0	0	0	0	0	478
REET I Capital Fund	0	0	0	0	0	0	0	0	0
REET II Capital Fund	176	80	0	0	0	0	0	0	256
<b>Total:</b>	654	80	0	0	0	0	0	0	734

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0	0
2011 Multipurpose LTGO Bond Fund	478	0	0	0	0	0	0	0	478
REET I Capital Fund	0	0	0	0	0	0	0	0	0
REET II Capital Fund	176	78	2	0	0	0	0	0	256
<b>Total:</b>	654	78	2	0	0	0	0	0	734
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			(70)	(70)	(70)	(70)	(70)	(70)	(420)

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Northwest Native Canoe Center Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-15010
<b>Start/End Date:</b>	2014-2020	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	860 Terry AVE N
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$750	<b>Urban Village:</b>	South Lake Union

This project, part of the 2008 Parks Levy Opportunity Fund, develops a carving shed which includes a living roof, and installs a carved “Welcome” figure on the beach. The project provides insight into distinctive varieties of Native American culture in a location at Lake Union where Native carvers are safe, and the public is welcome. This is the first phase of a two building development.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	21	729	0	0	0	0	0	0	750
<b>Total:</b>	21	729	0	0	0	0	0	0	750

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	21	729	0	0	0	0	0	0	750
<b>Total:</b>	21	729	0	0	0	0	0	0	750

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	21	0	0	729	0	0	0	0	750
<b>Total:</b>	21	0	0	729	0	0	0	0	750

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	13	13	14	14	15	15	84

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Othello Park Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-15011
<b>Start/End Date:</b>	2014-2018	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	4351 S Othello ST
<b>Neighborhood District:</b>	Southeast	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$547	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2008 Parks Levy Opportunity Fund, renovates the play area and basketball courts, installs benches and games tables, prepares P-Patches, and adds rain gardens and bio-swales to address drainage. This project also includes way-finding markers embedded in the walking paths. Renovations improve safety in the park and help the park function better as a neighborhood and community gathering spot.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	142	405	0	0	0	0	0	0	547
<b>Total:</b>	142	405	0	0	0	0	0	0	547

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	142	405	0	0	0	0	0	0	547
<b>Total:</b>	142	405	0	0	0	0	0	0	547

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	142	305	100	0	0	0	0	0	547
<b>Total:</b>	142	305	100	0	0	0	0	0	547

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	11	11	12	12	12	13	71

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Parks Central Waterfront Piers Rehabilitation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-21007
<b>Start/End Date:</b>	2016-2024	<b>BSL/Program Code:</b>	BC-PR-20000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building For The Future - CIP
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Alaskan Way
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$100,217	<b>Urban Village:</b>	Downtown

The Waterfront Park and Pier 62/63 are public park facilities that provide public access to Elliott Bay and host a range of public events, markets and performances. Both piers need a full seismic upgrade to meet current life safety codes, and Waterfront Park needs significant access improvements. Waterfront Park is envisioned as a flexible public recreation and open space. Pier 62/63 is anticipated to be more heavily programmed, with a flexible activity rink, events, and performances. The Department of Parks and Recreation (DPR) owns the piers, but the Office of the Waterfront will lead the rehabilitation. The Pier 62/63 Phase 1 Rebuild will be the first element completed in this project, with construction anticipated to begin in 2017. This project is part of the overall waterfront improvement program.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
State Grant Funds	0	0	0	0	0	0	0	0	0
Street Vacations -CRSU	0	1,000	0	0	0	0	0	0	1,000
State Grant Funds	0	0	0	0	0	0	0	0	0
Private Funding/Donations	0	3,200	4,800	1,500	7,400	12,200	5,285	1,288	35,673
Local Improvement District Bonds	15	2,132	0	0	13,453	15,645	3,156	849	35,250
Street Use Fees	0	550	0	0	0	0	0	0	550
Seawall Levy	872	2,431	0	0	0	0	0	0	3,303
Real Estate Excise Tax II	1,124	16,246	730	1,987	0	0	0	0	20,087
Seattle Park District Revenues	0	0	1,102	3,252	0	0	0	0	4,354
<b>Total:</b>	<b>2,011</b>	<b>25,559</b>	<b>6,632</b>	<b>6,739</b>	<b>20,853</b>	<b>27,845</b>	<b>8,441</b>	<b>2,137</b>	<b>100,217</b>

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	1,000	0	0	0	0	0	0	1,000
Parks and Recreation Fund	0	0	0	0	0	0	0	0	0
Central Waterfront Improvement Fund	15	5,882	4,800	1,500	20,853	27,845	8,441	2,137	71,473
Alaskan Way Seawall Construction Fund	872	2,431	0	0	0	0	0	0	3,303
REET II Capital Fund	1,124	16,246	730	1,987	0	0	0	0	20,087
Seattle Park District Fund	0	0	1,102	3,252	0	0	0	0	4,354
<b>Total:</b>	<b>2,011</b>	<b>25,559</b>	<b>6,632</b>	<b>6,739</b>	<b>20,853</b>	<b>27,845</b>	<b>8,441</b>	<b>2,137</b>	<b>100,217</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	1,000	0	0	0	0	0	0	1,000
Parks and Recreation Fund	0	0	0	0	0	0	0	0	0
Central Waterfront Improvement Fund	15	5,882	4,800	1,500	20,853	27,845	8,441	2,137	71,473
Alaskan Way Seawall Construction Fund	872	2,431	0	0	0	0	0	0	3,303
REET II Capital Fund	1,124	16,246	730	1,987	0	0	0	0	20,087
Seattle Park District Fund	0	0	1,102	3,252	0	0	0	0	4,354
<b>Total:</b>	<b>2,011</b>	<b>25,559</b>	<b>6,632</b>	<b>6,739</b>	<b>20,853</b>	<b>27,845</b>	<b>8,441</b>	<b>2,137</b>	<b>100,217</b>

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Play Area Renovations-2008 Levy

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16015
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$1,063	<b>Urban Village:</b>	Multiple

This project, funded with 2008 Parks Levy funds redirected from the Seattle Asian Art Museum renovation project, renovates a number of play areas in the park system. Improvements may include equipment replacement, ADA access, surfacing and containment renovation, and related elements. The sites will be determined each year using the Play Area Inventory and Assessment report.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	766	297	0	0	0	0	0	0	1,063
<b>Total:</b>	766	297	0	0	0	0	0	0	1,063

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	766	297	0	0	0	0	0	0	1,063
<b>Total:</b>	766	297	0	0	0	0	0	0	1,063

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	766	290	7	0	0	0	0	0	1,063
<b>Total:</b>	766	290	7	0	0	0	0	0	1,063

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Pratt Park Water Feature Renovation-2008 Levy

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16013
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	1800 S Main ST
<b>Neighborhood District:</b>	Central	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$564	<b>Urban Village:</b>	23rd & Union-Jackson

This project, funded with 2008 Parks Levy funds redirected from the Seattle Asian Art Museum renovation project, repairs or replaces the surface at the water play feature, installs a recirculating system for it, and performs related improvements. It is anticipated that these elements will improve water conservation, safety, and water play value at this busy park.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	100	414	0	0	0	0	0	0	514
Private Funding/Donations	0	50	0	0	0	0	0	0	50
<b>Total:</b>	100	464	0	0	0	0	0	0	564

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	100	464	0	0	0	0	0	0	564
<b>Total:</b>	100	464	0	0	0	0	0	0	564

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	100	450	14	0	0	0	0	0	564
<b>Total:</b>	100	450	14	0	0	0	0	0	564

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Queen Anne Turf Field Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41072
<b>Start/End Date:</b>	2020-TBD	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	1901 1st AVE W
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$3,000	<b>Urban Village:</b>	Not in an Urban Village

This project will improve playability and increase year-round athletic field capacity at West Queen Anne Playfield. The existing natural turf field will be replaced with a synthetic field, the lights will be replaced, and paths will be repaved to improve accessibility, along with related work.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	3,000	0	0	0	0	3,000
<b>Total:</b>	0	0	0	3,000	0	0	0	0	3,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET II Capital Fund	0	0	0	3,000	0	0	0	0	3,000
<b>Total:</b>	0	0	0	3,000	0	0	0	0	3,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	0	0	0	3,000	0	0	0	0	3,000
<b>Total:</b>	0	0	0	3,000	0	0	0	0	3,000

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Rainier Beach Urban Farm and Wetlands Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-15005
<b>Start/End Date:</b>	2011-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	5513 S Cloverdale ST
<b>Neighborhood District:</b>	Southeast	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$3,318	<b>Urban Village:</b>	Rainier Beach

This project, part of the 2008 Parks Levy Opportunity Fund, develops an urban agriculture project, transforming the former Atlantic City Nursery into a working urban farm and demonstration wetlands restoration site, and performing other related work. The working farm will provide educational opportunities and develop a prototype facility in Southeast Seattle.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	2,649	21	0	0	0	0	0	0	2,670
King County Voter-Approved Levy	337	11	0	0	0	0	0	0	348
Real Estate Excise Tax I	300	0	0	0	0	0	0	0	300
<b>Total:</b>	<b>3,286</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,318</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	2,649	21	0	0	0	0	0	0	2,670
2013 King County Parks Levy	337	11	0	0	0	0	0	0	348
REET I Capital Fund	300	0	0	0	0	0	0	0	300
<b>Total:</b>	<b>3,286</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,318</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	2,649	20	1	0	0	0	0	0	2,670
2013 King County Parks Levy	337	0	0	0	0	0	0	0	337
REET I Capital Fund	300	11	0	0	0	0	0	0	311
<b>Total:</b>	<b>3,286</b>	<b>31</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,318</b>

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**



## Department of Parks and Recreation

### RDA HQ Relocation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-21010
<b>Start/End Date:</b>	2019-TBD	<b>BSL/Program Code:</b>	BC-PR-20000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Building For The Future - CIP
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	800 Maynard AVE S
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$1,677	<b>Urban Village:</b>	Downtown

This project partially funds current cost estimates to move Parks staff from the RDA Building to another work location beginning in 2019

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Park District Revenues	0	0	1,677	0	0	0	0	0	1,677
<b>Total:</b>	0	0	1,677	0	0	0	0	0	1,677

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Seattle Park District Fund	0	0	1,677	0	0	0	0	0	1,677
<b>Total:</b>	0	0	1,677	0	0	0	0	0	1,677

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Seattle Park District Fund	0	0	1,677	0	0	0	0	0	1,677
<b>Total:</b>	0	0	1,677	0	0	0	0	0	1,677

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Seattle Asian Art Museum Renovation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-11002
<b>Start/End Date:</b>	2011-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	1400 Prospect ST
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$19,000	<b>Urban Village:</b>	Not in an Urban Village

This project provides REET funds to support the renovation of the city-owned Seattle Asian Art Museum in Volunteer Park in partnership with the Seattle Art Museum and other related work.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	14	15,186	0	0	0	0	0	0	15,200
Real Estate Excise Tax II	0	3,800	0	0	0	0	0	0	3,800
<b>Total:</b>	14	18,986	0	0	0	0	0	0	19,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	14	15,186	0	0	0	0	0	0	15,200
REET II Capital Fund	0	3,800	0	0	0	0	0	0	3,800
<b>Total:</b>	14	18,986	0	0	0	0	0	0	19,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	14	10,000	5,186	0	0	0	0	0	15,200
REET II Capital Fund	0	3,000	800	0	0	0	0	0	3,800
<b>Total:</b>	14	13,000	5,986	0	0	0	0	0	19,000

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Seward Park Forest Restoration

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41013
<b>Start/End Date:</b>	2008-2019	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	5900 Lake Washington Blvd S
<b>Neighborhood District:</b>	Southeast	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$921	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the restoration of old growth forest in Seward Park as part of the Green Seattle Partnership. The restoration work will be guided by the established vegetation management plan for Seward Park. This additional work is being funded by a private donation of \$1 million. The donation will be made to the Seattle Foundation over the course of 3 to 4 years and dispersed to Parks over a period of 10 to 11 years.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Miscellaneous Grants or Donations	831	0	0	0	0	0	0	0	831
Miscellaneous Grants or Donations	0	90	0	0	0	0	0	0	90
<b>Total:</b>	831	90	0	0	0	0	0	0	921

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	831	0	0	0	0	0	0	0	831
Parks and Recreation Fund	0	90	0	0	0	0	0	0	90
<b>Total:</b>	831	90	0	0	0	0	0	0	921

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	831	0	0	0	0	0	0	0	831
Parks and Recreation Fund	0	45	45	0	0	0	0	0	90
<b>Total:</b>	831	45	45	0	0	0	0	0	921

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	12	12	12	12	12	13	73

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Smith Cove Park Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-21005
<b>Start/End Date:</b>	2015-2021	<b>BSL/Program Code:</b>	BC-PR-20000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Building For The Future - CIP
<b>Current Project Stage:</b>	Design	<b>Location:</b>	W Galer ST/23rd AVE W
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$6,716	<b>Urban Village:</b>	Not in an Urban Village

This project, funded by the MPD, develops the 4.9 acre waterfront portion of Smith Cove Park located just west of Pier 91 on Elliott Bay. The park will be developed following a planning and design process for the site. These amenities may include paths, landscaping, waterfront access points, a play area, and related improvements. Some improvements will also be made to the existing part of Smith Cove Park (west of this site), currently used for sports such as soccer. The improved park will provide waterfront access and ADA accessibility, provide enhanced opportunities for active recreation, increase environmental-sensitivity, and make the park inviting and usable for more people.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
State Grant Funds	0	250	0	0	0	0	0	0	250
Real Estate Excise Tax I	30	0	0	0	0	0	0	0	30
Interfund Loan	0	2,106	1,253	0	0	0	0	0	3,359
Seattle Park District Revenues	410	1,749	918	0	0	0	0	0	3,077
<b>Total:</b>	440	4,105	2,171	0	0	0	0	0	6,716

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Parks and Recreation Fund	0	250	0	0	0	0	0	0	250
REET I Capital Fund	30	0	0	0	0	0	0	0	30
Seattle Park District Fund	410	3,855	2,171	0	0	0	0	0	6,436
<b>Total:</b>	440	4,105	2,171	0	0	0	0	0	6,716

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Parks and Recreation Fund	0	0	250	0	0	0	0	0	250
REET I Capital Fund	30	0	0	0	0	0	0	0	30

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Seattle Park District Fund	410	1,089	2,114	2,773	50	0	0	0	6,436
<b>Total:</b>	440	1,089	2,364	2,773	50	0	0	0	6,716
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### **2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### South Park Campus Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-21013
<b>Start/End Date:</b>	2019-TBD	<b>BSL/Program Code:</b>	BC-PR-20000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Building For The Future - CIP
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	8319 8th AVE S
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$1,800	<b>Urban Village:</b>	South Park

This project will implement the South Park Site Plan approved by Seattle Parks and Recreation in March 2018, by renovating and relocating numerous park elements. The site plan calls for the existing play area and wading pool to be demolished and replaced with a new play area and spray park in new locations within the site. The existing grass playfield will be renovated and upgraded with synthetic turf and lighting. The project may also include the replacement of the existing sport courts, installation of a loop trail and planted buffer, new fencing and related work. Partial funding for this project is anticipated from various public and private sources in the forms of grants and donations. Once the project is completed, these improvements will increase safety and site capacity, support more active uses and types of healthy outdoor play, and provide opportunities for programming throughout the year.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	1,800	0	0	0	0	0	1,800
<b>Total:</b>	0	0	1,800	0	0	0	0	0	1,800

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET II Capital Fund	0	0	1,800	0	0	0	0	0	1,800
<b>Total:</b>	0	0	1,800	0	0	0	0	0	1,800

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	0	0	1,800	0	0	0	0	0	1,800
<b>Total:</b>	0	0	1,800	0	0	0	0	0	1,800

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Victor Steinbrueck Park Renovation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-16005
<b>Start/End Date:</b>	2013-2020	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Design	<b>Location:</b>	2001 Western AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$1,600	<b>Urban Village:</b>	Downtown

This project renovates the existing Victor Steinbrueck Park to help revitalize this park located in the Pike Place Market. Renovations may include new seating, paths and circulation modifications, landscaping, lighting, signage, and related elements. This park is within the boundaries of the Pike Place Historical District. This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	588	1,012	0	0	0	0	0	0	1,600
<b>Total:</b>	588	1,012	0	0	0	0	0	0	1,600

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	588	1,012	0	0	0	0	0	0	1,600
<b>Total:</b>	588	1,012	0	0	0	0	0	0	1,600

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	588	400	412	200	0	0	0	0	1,600
<b>Total:</b>	588	400	412	200	0	0	0	0	1,600

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	11	12	13	14	15	15	80

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Victor Steinbrueck Parking Envelope

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41044
<b>Start/End Date:</b>	2017-2020	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Design	<b>Location:</b>	2001 Western Ave
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$5,000	<b>Urban Village:</b>	Downtown

This project will replace the existing membrane between the westerly portion of Victor Steinbrueck Park and the Unico parking garage below, and other related items. The membrane is a waterproofing layer that keeps stormwater and irrigation that falls on the park from entering the garage below and damaging the concrete structure. The membrane was installed in 1981 when the park was originally constructed on top of the parking garage. These membranes typically last no more than 30 years; the existing membrane has failed and no longer prevents water from entering the garage below. The membrane replacement requires the removal and subsequent replacement of all the park improvements above and the installation of a new drainage system. The new membrane will provide a waterproofed foundation for the associated park renovation project.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Real Estate Excise Tax I	0	0	1,500	0	0	0	0	0	1,500
Real Estate Excise Tax II	21	3,479	0	0	0	0	0	0	3,500
<b>Total:</b>	21	3,479	1,500	0	0	0	0	0	5,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

REET I Capital Fund	0	0	1,500	0	0	0	0	0	1,500
REET II Capital Fund	21	3,479	0	0	0	0	0	0	3,500
<b>Total:</b>	21	3,479	1,500	0	0	0	0	0	5,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

REET I Capital Fund	0	0	1,500	0	0	0	0	0	1,500
REET II Capital Fund	21	141	2,500	838	0	0	0	0	3,500
<b>Total:</b>	21	141	4,000	838	0	0	0	0	5,000

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### W Magnolia PF South Athletic Field Conversion

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41066
<b>Start/End Date:</b>	2024-2025	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	2550 34th Ave W
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$8,875	<b>Urban Village:</b>	Not in an Urban Village

This project converts an existing grass athletic field of approximately 135,500 square feet to synthetic turf, replaces lighting, installs drainage improvements, and performs related work. This improvement allows for enhanced use and scheduling of the playfield for soccer, lacrosse, baseball, and other activities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax II	0	0	0	0	0	0	0	8,875	8,875
<b>Total:</b>	0	0	0	0	0	0	0	8,875	8,875

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
REET II Capital Fund	0	0	0	0	0	0	0	8,875	8,875
<b>Total:</b>	0	0	0	0	0	0	0	8,875	8,875

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
REET II Capital Fund	0	0	0	0	0	0	0	8,875	8,875
<b>Total:</b>	0	0	0	0	0	0	0	8,875	8,875

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

**Washington Park Arboretum Improvements- 2008 Parks Levy**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-13002
<b>Start/End Date:</b>	2010-2020	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	2300 Arboretum DR E
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$2,925	<b>Urban Village:</b>	Not in an Urban Village

This project provides for improvements to the Washington Park Arboretum. These improvements will further implement the Arboretum Master Plan, including projects such as the Pacific Connections Garden, trails, and other elements of the Plan. This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	2,445	8	0	0	0	0	0	0	2,453
Private Funding/Donations	472	0	0	0	0	0	0	0	472
<b>Total:</b>	2,917	8	0	0	0	0	0	0	2,925

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	2,917	8	0	0	0	0	0	0	2,925
<b>Total:</b>	2,917	8	0	0	0	0	0	0	2,925

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	2,917	1	3	5	0	0	0	0	2,926
<b>Total:</b>	2,917	1	3	5	0	0	0	0	2,926

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	77	77	77	77	77	77	462

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Washington Park Arboretum Trail Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-61001
<b>Start/End Date:</b>	2013-2019	<b>BSL/Program Code:</b>	BC-PR-60000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	SR520 Mitigation
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	2300 Arboretum DR E
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$7,810	<b>Urban Village:</b>	Not in an Urban Village

This project, funded with the first phase of State Route 520 Arboretum mitigation projects funds, develops a one mile multi-use trail for bicycle and pedestrian access that connects East Madison Street to the Montlake and University of Washington neighborhoods. Project elements also include improvements to the Azalea Way Pond, parts of Arboretum Creek, and Foster Island. These mitigation projects will improve bicycle and pedestrian safety, and begin the restoration process of water features and selected shoreline areas within the Arboretum to enhance the health of its ecosystem.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
State Interlocal Revenues	7,553	257	0	0	0	0	0	0	7,810
<b>Total:</b>	7,553	257	0	0	0	0	0	0	7,810

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Park Mitigation and Remediation Fund	7,553	257	0	0	0	0	0	0	7,810
<b>Total:</b>	7,553	257	0	0	0	0	0	0	7,810

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Park Mitigation and Remediation Fund	7,553	250	7	0	0	0	0	0	7,810
<b>Total:</b>	7,553	250	7	0	0	0	0	0	7,810

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	88	90	92	95	98	98	561

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## Department of Parks and Recreation

### Washington Park Playfield Play Area Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-15013
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	2500 Lake Washington BLVD E
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$365	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2008 Parks Levy Opportunity Fund, renovates the existing play area by adding new play elements for young and older children, seating, and related play area amenities. These improvements enhance play area safety, enhance play value for more ages, and increases accessibility opportunities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	209	156	0	0	0	0	0	0	365
<b>Total:</b>	209	156	0	0	0	0	0	0	365

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	209	156	0	0	0	0	0	0	365
<b>Total:</b>	209	156	0	0	0	0	0	0	365

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	209	152	4	0	0	0	0	0	365
<b>Total:</b>	209	152	4	0	0	0	0	0	365

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	23	23	24	24	24	25	143

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Woodland Park Zoo Night Exhibit Renovation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-41046
<b>Start/End Date:</b>	2017-2020	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	700 N 50th St
<b>Neighborhood District:</b>	Lake Union	<b>Council District:</b>	6
<b>Total Project Cost:</b>	\$2,795	<b>Urban Village:</b>	Not in an Urban Village

This project provides funding to re-build the Woodland Park Zoo Night Exhibit, and other related work. The Exhibit was substantially damaged in December of 2016. This project is funded by insurance proceeds.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Miscellaneous Grants or Donations	387	2,408	0	0	0	0	0	0	2,795
<b>Total:</b>	387	2,408	0	0	0	0	0	0	2,795

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	387	2,408	0	0	0	0	0	0	2,795
<b>Total:</b>	387	2,408	0	0	0	0	0	0	2,795

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	387	1,000	1,000	408	0	0	0	0	2,795
<b>Total:</b>	387	1,000	1,000	408	0	0	0	0	2,795

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Woodland Park Zoo Seattle Sensory Garden Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-15012
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	601 N 59th ST
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	6
<b>Total Project Cost:</b>	\$903	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2008 Parks Levy Opportunity Fund, modifies the existing park space by constructing touch and smell gardens with interactive features accessible to people with visual and mobility limitations and to people with autism. The 1.3 acre gardens site within the northeast corner of the Woodland Park Zoo Rose Garden.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	470	433	0	0	0	0	0	0	903
<b>Total:</b>	470	433	0	0	0	0	0	0	903

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	470	433	0	0	0	0	0	0	903
<b>Total:</b>	470	433	0	0	0	0	0	0	903

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	470	430	3	0	0	0	0	0	903
<b>Total:</b>	470	430	3	0	0	0	0	0	903

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Yesler Crescent Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-21012
<b>Start/End Date:</b>	2019-TBD	<b>BSL/Program Code:</b>	BC-PR-20000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Building For The Future - CIP
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$500	<b>Urban Village:</b>	Downtown

This project will create improvements to City Hall Park that enhance circulation and focus on park activation and preservation. Potential improvements may include pathway renovation, furnishing replacement, lighting upgrades, irrigation renovation and related work. This project is part of the Building for the Future Budget Summary Level, and uses REET funding only for planning and design at this time. Potential rebuilding or renovation of the Prefontaine fountain and plaza will also be assessed in the planning process.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	500	0	0	0	0	0	500
<b>Total:</b>	0	0	500	0	0	0	0	0	500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET II Capital Fund	0	0	500	0	0	0	0	0	500
<b>Total:</b>	0	0	500	0	0	0	0	0	500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	0	0	500	0	0	0	0	0	500
<b>Total:</b>	0	0	500	0	0	0	0	0	500

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Yesler Terrace Neighborhood Park Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PR-15014
<b>Start/End Date:</b>	2015-2019	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	835 Yesler WAY
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$5,430	<b>Urban Village:</b>	First Hill/Capitol Hill

This project develops a new Neighborhood Park in the Yesler Terrace community. This project is part of the 2008 Parks Levy using funds reallocated from Neighborhood Park Acquisitions.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	1,949	1,251	0	0	0	0	0	0	3,200
Private Funding/Donations	1,054	676	0	0	0	0	0	0	1,730
State Grant Funds	0	500	0	0	0	0	0	0	500
<b>Total:</b>	3,003	2,427	0	0	0	0	0	0	5,430

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	3,003	2,427	0	0	0	0	0	0	5,430
<b>Total:</b>	3,003	2,427	0	0	0	0	0	0	5,430

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	3,003	2,360	67	0	0	0	0	0	5,430
<b>Total:</b>	3,003	2,360	67	0	0	0	0	0	5,430

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## Department of Parks and Recreation

### Athletic Field Replacements

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41070
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This program replaces field surfacing systems for fields at the end of their lifecycle. These replacements may include replacement or addition of natural turf, fiber carpets, drainage features, infill material, shock attenuation layers or related features and allow the continued safe and playable use and scheduling of playfields for sports and other activities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	1,120	2,116	3,590	2,270	2,598	0	11,694
<b>Total:</b>	0	0	1,120	2,116	3,590	2,270	2,598	0	11,694

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET II Capital Fund	0	0	1,120	2,116	3,590	2,270	2,598	0	11,694
<b>Total:</b>	0	0	1,120	2,116	3,590	2,270	2,598	0	11,694

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	0	0	1,120	2,116	3,590	2,270	2,598	0	11,694
<b>Total:</b>	0	0	1,120	2,116	3,590	2,270	2,598	0	11,694

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Activating and Connecting to Greenways

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-21004
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-20000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Building For The Future - CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project develops safe, inviting connections between parks and greenways which are residential streets that are dedicated connectors for pedestrians, cyclists, and other non-motorized travel, as identified in the Bicycle and Pedestrian Master Plan documents. Typical improvements include crosswalks, benches, greenway park entrance improvements, non-motorized paths and loops within parks, and related work. Parks will work with the Seattle Department of Transportation (SDOT) to activate and enhance connection points between parks. This project improves safety and access to and from the parks, encourages partnerships with neighborhood and community groups, business, and other stakeholders. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Seattle Park District Revenues	251	364	215	221	226	231	237	243	1,988
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<b>Total:</b>	251	364	215	221	226	231	237	243	1,988
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	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

Seattle Park District Fund	251	364	215	221	226	231	237	243	1,988
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<b>Total:</b>	251	364	215	221	226	231	237	243	1,988
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	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

Seattle Park District Fund	251	364	215	221	226	231	237	243	1,988
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<b>Total:</b>	251	364	215	221	226	231	237	243	1,988
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	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

ADA Compliance - Parks

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41031
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project provides for ADA improvements at a number of parks facilities. Work will be focused on selected community centers (e.g., Bitter Lake, Delridge, Garfield, Jefferson, Meadowbrook, Miller and others) and will consist of adjustments to signage, door closures, restroom fixtures, and other features. Signage will be added where needed as well. Similar work will be undertaken at Discovery Park Environmental Learning Center and other facilities to the degree that funding allows.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Federal Community Development Block Grant	250	529	0	0	0	0	0	0	779
Real Estate Excise Tax I	2,588	2,790	0	0	0	0	0	0	5,378
Real Estate Excise Tax II	1,033	0	2,000	1,000	0	0	0	0	4,033
<b>Total:</b>	<b>3,871</b>	<b>3,319</b>	<b>2,000</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,190</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Parks and Recreation Fund	250	529	0	0	0	0	0	0	779
REET I Capital Fund	2,588	2,790	0	0	0	0	0	0	5,378
REET II Capital Fund	1,033	0	2,000	1,000	0	0	0	0	4,033
<b>Total:</b>	<b>3,871</b>	<b>3,319</b>	<b>2,000</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,190</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Parks and Recreation Fund	250	529	0	0	0	0	0	0	779
REET I Capital Fund	2,588	2,475	315	0	0	0	0	0	5,378
REET II Capital Fund	1,033	0	2,000	1,000	0	0	0	0	4,033
<b>Total:</b>	<b>3,871</b>	<b>3,004</b>	<b>2,315</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,190</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Aquarium Major Maintenance

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41004
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	1483 Alaskan WAY
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This ongoing project provides funds for major maintenance at the Aquarium and other related items. Typical projects include seawater pump replacement, tank repairs, energy efficient systems upgrades, exterior decking repairs, Americans with Disabilities (ADA) access improvements, roofing and seismic upgrades, and related work. The facility was constructed in 1980, and a partial addition was installed on Pier 59 portion of the building in 2006. Due to the harsh saltwater environment, Aquarium facilities have a shorter lifespan than similar facilities not located over saltwater. The individual projects will address health and safety codes, extend the life of the asset, improve access for all, reduce energy costs, and improve the overall Aquarium experience for the public. This project is part of the Seattle Park District measure put before voters in 2014.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Seattle Park District Revenues	705	1,537	1,163	1,192	1,222	1,252	1,283	1,315	9,669
<b>Total:</b>	705	1,537	1,163	1,192	1,222	1,252	1,283	1,315	9,669

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

Seattle Park District Fund	705	1,537	1,163	1,192	1,222	1,252	1,283	1,315	9,669
<b>Total:</b>	705	1,537	1,163	1,192	1,222	1,252	1,283	1,315	9,669

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

Seattle Park District Fund	705	1,537	1,163	1,192	1,222	1,252	1,283	1,315	9,669
<b>Total:</b>	705	1,537	1,163	1,192	1,222	1,252	1,283	1,315	9,669

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Athletic Field Improvements

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-21009
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-20000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Building For The Future - CIP
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project is an ongoing program designed to improve Seattle Athletic Fields. Funding for these improvements is provided by various sources including Athletic Field revenues.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
CRS Misc Revenues	0	0	0	0	0	0	0	0	0
Athletic Field Revenues	0	300	600	600	600	600	600	600	3,900
Real Estate Excise Tax II	109	4,104	0	0	0	0	0	0	4,213
<b>Total:</b>	109	4,404	600	600	600	600	600	600	8,113

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0	0
Parks and Recreation Fund	0	300	600	600	600	600	600	600	3,900
REET II Capital Fund	109	4,104	0	0	0	0	0	0	4,213
<b>Total:</b>	109	4,404	600	600	600	600	600	600	8,113

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0	0
Parks and Recreation Fund	0	300	600	600	600	600	600	600	3,900
REET II Capital Fund	109	241	3,863	0	0	0	0	0	4,213
<b>Total:</b>	109	541	4,463	600	600	600	600	600	8,113

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program



	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Ballfield Lighting Replacement Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41009
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project provides funding to conduct core testing of wood light poles at various ballfields, replace deteriorated wooden poles with metal poles, install new electrical systems, and perform other related work. The new lighting systems will reduce light spillover and energy efficient. This is a long-term program to replace all deteriorated wood light poles over the next several years at a total estimated cost of \$6 million. Future funding for this program depends on available resources.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	228	0	0	0	0	0	0	0	228
Real Estate Excise Tax II	3,006	592	0	0	500	500	500	500	5,598
<b>Total:</b>	3,234	592	0	0	500	500	500	500	5,826

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	228	0	0	0	0	0	0	0	228
REET II Capital Fund	3,006	592	0	0	500	500	500	500	5,598
<b>Total:</b>	3,234	592	0	0	500	500	500	500	5,826

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	228	0	0	0	0	0	0	0	228
REET II Capital Fund	3,006	156	436	0	500	500	500	500	5,598
<b>Total:</b>	3,234	156	436	0	500	500	500	500	5,826

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	12	13	13	14	15	16	83

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Ballfields - Minor Capital Improvements

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41023
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides small-scale renovations and minor improvements to athletic fields throughout the City. Typical improvements include, but are not limited to, repairs to fencing and backstops, renovations to dugouts and playing surfaces, modifications and improvements to irrigation systems and replacement of goal posts and nets. Future funding for this project depends on specific projects and available resources, including grants. This project extends the useful life of the various elements of athletic fields.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
King County Funds	120	0	0	0	0	0	0	0	120
Private Funding/Donations	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax I	45	0	0	0	0	0	0	0	45
Real Estate Excise Tax II	226	74	46	45	50	50	50	50	591
<b>Total:</b>	391	74	46	45	50	50	50	50	756

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	120	0	0	0	0	0	0	0	120
REET I Capital Fund	45	0	0	0	0	0	0	0	45
REET II Capital Fund	226	74	46	45	50	50	50	50	591
<b>Total:</b>	391	74	46	45	50	50	50	50	756

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	120	0	0	0	0	0	0	0	120
REET I Capital Fund	45	0	0	0	0	0	0	0	45

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	226	74	46	45	50	50	50	50	591
<b>Total:</b>	391	74	46	45	50	50	50	50	756
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Beach Restoration Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41006
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides for periodic beach renourishment and related work at selected sites throughout the City. Work includes, but is not limited to, laying sand and gravel to replenish beaches that have eroded in recent years and to improve substrate for juvenile salmon habitat. This project supports the Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
King County Funds	185	65	0	0	0	0	0	0	250
Real Estate Excise Tax I	1	13	0	0	0	0	0	0	14
King County Funds	229	71	25	25	0	0	0	0	350
<b>Total:</b>	415	149	25	25	0	0	0	0	614

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	185	65	0	0	0	0	0	0	250
REET I Capital Fund	1	13	0	0	0	0	0	0	14
Beach Maintenance Fund	229	71	25	25	0	0	0	0	350
<b>Total:</b>	415	149	25	25	0	0	0	0	614

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	185	65	0	0	0	0	0	0	250
REET I Capital Fund	1	13	0	0	0	0	0	0	14
Beach Maintenance Fund	229	71	25	25	0	0	0	0	350
<b>Total:</b>	415	149	25	25	0	0	0	0	614

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Boat Moorage Restoration

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41021
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	201 Lakeside AVE
<b>Neighborhood District:</b>	Central	<b>Council District:</b>	2
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project renovates City-owned boat moorages throughout the park system. Work includes, but is not limited to, repairs to the piles, caps, stringers, decking, and breakwater structures. These repairs extend the useful life boat moorages, many of which generate revenues to the Department each year.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Concession Revenues	258	42	0	0	0	0	0	0	300
Real Estate Excise Tax I	30	3,970	0	0	0	0	0	0	4,000
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
<b>Total:</b>	<b>288</b>	<b>4,012</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,300</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	258	42	0	0	0	0	0	0	300
REET I Capital Fund	30	3,970	0	0	0	0	0	0	4,000
REET II Capital Fund	0	0	0	0	0	0	0	0	0
<b>Total:</b>	<b>288</b>	<b>4,012</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,300</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	258	20	22	0	0	0	0	0	300
REET I Capital Fund	30	250	3,000	720	0	0	0	0	4,000
REET II Capital Fund	0	0	0	0	0	0	0	0	0
<b>Total:</b>	<b>288</b>	<b>270</b>	<b>3,022</b>	<b>720</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,300</b>

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**



## Department of Parks and Recreation

### Boiler and Mechanical System Replacement Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41007
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Neighborhood District:</b>	Multiple	<b>Location:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Council District:</b>	Multiple
		<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces boilers, mechanical systems, and any related work necessary in facilities throughout the Parks system. Costs for certain boiler and mechanical systems replacements may be eligible for reimbursement from Seattle City Light or Puget Sound Energy. This project extends the useful life of the boilers and assures that Department facilities are not closed due to boiler and mechanical systems failure.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	100	0	0	0	0	0	0	0	100
Real Estate Excise Tax II	1,295	184	100	0	175	175	175	175	2,279
<b>Total:</b>	1,395	184	100	0	175	175	175	175	2,379

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	100	0	0	0	0	0	0	0	100
REET II Capital Fund	1,295	184	100	0	175	175	175	175	2,279
<b>Total:</b>	1,395	184	100	0	175	175	175	175	2,379

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	100	0	0	0	0	0	0	0	100
REET II Capital Fund	1,295	184	100	0	175	175	175	175	2,279
<b>Total:</b>	1,395	184	100	0	175	175	175	175	2,379

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Comfort Station Renovations

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41036
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project renovates selected comfort stations for improved ADA access, ventilation and finishes (walls and floors), and security. The renovations also may include reconfigured stalls, new toilets, urinals, and sinks, ADA accessories, paint and finishes, and related work, depending on the needs of a particular site. In some cases, a comfort station may be replaced with a prefabricated unit. More park users will have access to these facilities, and the improvements will make them more inviting and comfortable.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
CRS Misc Revenues	8	297	0	0	0	0	0	0	305
King County Voter-Approved Levy	308	2,071	0	0	0	0	0	0	2,379
Real Estate Excise Tax I	59	241	0	660	0	0	0	0	960
Real Estate Excise Tax II	10	290	0	0	660	660	660	660	2,940
<b>Total:</b>	385	2,899	0	660	660	660	660	660	6,584

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	8	297	0	0	0	0	0	0	305
2013 King County Parks Levy	308	2,071	0	0	0	0	0	0	2,379
REET I Capital Fund	59	241	0	660	0	0	0	0	960
REET II Capital Fund	10	290	0	0	660	660	660	660	2,940
<b>Total:</b>	385	2,899	0	660	660	660	660	660	6,584

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	8	0	297	0	0	0	0	0	305

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2013 King County Parks Levy	308	1,871	200	0	0	0	0	0	2,379
REET I Capital Fund	59	228	13	660	0	0	0	0	960
REET II Capital Fund	10	228	62	0	660	660	660	660	2,940
<b>Total:</b>	385	2,327	572	660	660	660	660	660	6,584
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Community Center Rehabilitation & Development

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41002
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides funding for improvements at 26 community centers, the oldest of which is 103 years old. Typical improvements include renovation, upgrades, or replacement of major building systems, roof and building envelopes, seismic upgrades, painting, energy efficient lighting and other environmentally sustainable building components, Americans with Disabilities (ADA) access improvements, and related work. In some instances, facilities will be replaced or remodeled to improve programming space. The individual projects will address health and safety codes, extend the life of the asset, improve access for all, reduce energy costs, improve the overall community center experience for the public, and meet today's and future recreation needs. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax II	660	840	3,339	3,423	3,508	3,596	3,686	3,778	22,830
Seattle Park District Revenues	1,389	10,181	232	238	244	250	256	263	13,053
<b>Total:</b>	2,049	11,021	3,571	3,661	3,752	3,846	3,942	4,041	35,883

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET II Capital Fund	660	840	3,339	3,423	3,508	3,596	3,686	3,778	22,830
Seattle Park District Fund	1,389	10,181	232	238	244	250	256	263	13,053
<b>Total:</b>	2,049	11,021	3,571	3,661	3,752	3,846	3,942	4,041	35,883

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	660	840	1,033	2,150	4,233	4,586	2,922	6,406	22,830
Seattle Park District Fund	1,389	4,610	5,642	150	294	319	203	446	13,053
<b>Total:</b>	2,049	5,450	6,675	2,300	4,527	4,905	3,125	6,852	35,883

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Develop 14 New Parks at Land-Banked Sites

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-21003
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-20000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Building For The Future - CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project develops 14 new parks on land-banked sites that were acquired under prior levies. Depending on the size, location, and type of park, new elements could include trees and landscaping, paths, plazas, a play area, site furniture, lighting, and related improvements. Each newly developed park will improve the neighborhood and contribute to improved health for park users, and will have environmental benefits. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	1,300	0	0	0	0	1,300
Seattle Park District Revenues	1,070	14,257	2,892	407	0	0	0	0	18,626
<b>Total:</b>	1,070	14,257	2,892	1,707	0	0	0	0	19,926

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET II Capital Fund	0	0	0	1,300	0	0	0	0	1,300
Seattle Park District Fund	1,070	14,257	2,892	407	0	0	0	0	18,626
<b>Total:</b>	1,070	14,257	2,892	1,707	0	0	0	0	19,926

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	0	0	0	1,300	0	0	0	0	1,300
Seattle Park District Fund	1,070	4,788	8,165	3,345	1,258	0	0	0	18,626
<b>Total:</b>	1,070	4,788	8,165	4,645	1,258	0	0	0	19,926

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Electrical System Replacement Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41008
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Neighborhood District:</b>	Multiple	<b>Location:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Council District:</b>	Multiple
		<b>Urban Village:</b>	Multiple

This ongoing project renovates electrical systems throughout the park system to reduce fire hazards and performs other related work. Future funding depends on specific projects and available resources, including grants. This project extends the useful life of electrical systems in various Parks facilities and increases the safety of these systems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	542	14	0	0	0	0	0	0	556
Real Estate Excise Tax II	962	157	100	100	150	150	150	150	1,919
<b>Total:</b>	1,504	171	100	100	150	150	150	150	2,475

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	542	14	0	0	0	0	0	0	556
REET II Capital Fund	962	157	100	100	150	150	150	150	1,919
<b>Total:</b>	1,504	171	100	100	150	150	150	150	2,475

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	542	14	0	0	0	0	0	0	556
REET II Capital Fund	962	157	100	100	150	150	150	150	1,919
<b>Total:</b>	1,504	171	100	100	150	150	150	150	2,475

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Environmental Remediation Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41016
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides for abatement of lead paint, asbestos, contaminated soils, and other required remediation efforts at sites throughout the City. Projects are determined based on legal requirements, the severity of the problem, and the impact to the public and Parks operations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	200	2	0	0	0	0	0	0	202
Real Estate Excise Tax II	516	116	100	100	100	100	100	100	1,232
<b>Total:</b>	716	118	100	100	100	100	100	100	1,434

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	200	2	0	0	0	0	0	0	202
REET II Capital Fund	516	116	100	100	100	100	100	100	1,232
<b>Total:</b>	716	118	100	100	100	100	100	100	1,434

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	200	2	0	0	0	0	0	0	202
REET II Capital Fund	516	116	100	100	100	100	100	100	1,232
<b>Total:</b>	716	118	100	100	100	100	100	100	1,434

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Gas Works Park - Remediation

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-31007
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-30000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Debt and Special Funding
		<b>Location:</b>	2101 N Northlake Wy
<b>Neighborhood District:</b>	Lake Union	<b>Council District:</b>	4
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project provides ongoing monitoring efforts to ensure the measures constructed for remediation of soils at Gas Works Park were effective. Monitoring activities include maintenance and operation of the air sparging, SVE systems, soil cap, and other institutional controls; groundwater testing; quarterly reports; and other related work. The project also provides for ongoing monitoring for as long as 20 years from installation, effectively until 2021. All measures of the Compliance Monitoring Project must be executed in accordance with the Consent Decree established in 1998, requiring the Seattle Department of Parks and Recreation, Puget Sound Energy, and the Department of Ecology to implement a Cleanup Action Plan.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	402	0	0	0	0	0	0	0	402
Real Estate Excise Tax I	1,949	433	0	0	0	0	0	0	2,382
Real Estate Excise Tax II	335	790	0	0	670	1,040	2,290	200	5,325
<b>Total:</b>	2,686	1,223	0	0	670	1,040	2,290	200	8,109

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Gasworks Park Contamination Remediation Fund	402	0	0	0	0	0	0	0	402
REET I Capital Fund	1,949	433	0	0	0	0	0	0	2,382
REET II Capital Fund	335	790	0	0	670	1,040	2,290	200	5,325
<b>Total:</b>	2,686	1,223	0	0	670	1,040	2,290	200	8,109

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Gasworks Park Contamination Remediation Fund	402	0	0	0	0	0	0	0	402
REET I Capital Fund	1,949	433	0	0	0	0	0	0	2,382

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	335	210	300	280	670	1,040	2,290	200	5,325
<b>Total:</b>	2,686	643	300	280	670	1,040	2,290	200	8,109
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Golf - Capital Improvements

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-31005
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-30000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Debt and Special Funding
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project is an ongoing program designed to improve the four City-owned golf courses (Interbay, Jackson, Jefferson, and West Seattle). Funding for these improvements is provided by green fees, golf cart rentals, ball purchases, and other golf revenues.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Golf Revenues	2,124	371	0	0	0	0	0	0	2,495
Golf Revenues	0	0	0	0	0	0	0	0	0
King County Voter-Approved Levy	0	892	1,537	123	0	0	0	0	2,552
<b>Total:</b>	2,124	1,263	1,537	123	0	0	0	0	5,047

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	2,124	371	0	0	0	0	0	0	2,495
Parks and Recreation Fund	0	0	0	0	0	0	0	0	0
2013 King County Parks Levy	0	892	1,537	123	0	0	0	0	2,552
<b>Total:</b>	2,124	1,263	1,537	123	0	0	0	0	5,047

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	2,124	250	121	0	0	0	0	0	2,495
Parks and Recreation Fund	0	0	0	0	0	0	0	0	0
2013 King County Parks Levy	0	892	1,537	123	0	0	0	0	2,552
<b>Total:</b>	2,124	1,142	1,658	123	0	0	0	0	5,047

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

**Green Space Acquisitions- 2008 Parks Levy**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-12001
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project provides for acquisition of properties to fill gaps in existing public ownership and preserve continuity in existing public ownership. The project scope targets acquisitions in the following designated green spaces: Arroyos Natural Area, East Duwamish Greenbelt, Northeast Queen Anne Greenbelt, Ravenna Woods, Thornton Creek Watershed, and West Duwamish Greenbelt. These acquisitions will enhance livability and increase opportunities for the public to enjoy nature. They also implement the Parks Strategic Action Plan by encouraging long-term stewardship of natural resources. Levy funds are expected to be supplemented by grants and funds from other sources for these acquisitions. This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	9,181	5	0	0	0	0	0	0	9,186
Interest Earnings	305	0	0	0	0	0	0	0	305
<b>Total:</b>	9,486	5	0	0	0	0	0	0	9,491

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	9,181	5	0	0	0	0	0	0	9,186
Open Spaces & Trails Bond Fund	305	0	0	0	0	0	0	0	305
<b>Total:</b>	9,486	5	0	0	0	0	0	0	9,491

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	9,181	1	4	0	0	0	0	0	9,186
Open Spaces & Trails Bond Fund	305	0	0	0	0	0	0	0	305
<b>Total:</b>	9,486	1	4	0	0	0	0	0	9,491

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### HVAC System Duct Cleaning Program - Large Buildings

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41028
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides periodic (every two to five years) cleaning of the air ducts in the heating, ventilation, and air conditioning (HVAC) systems in pool natatoriums, community centers, and other Department-owned buildings. This maintenance increases the lifespan of these systems and reduces potential future major maintenance projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Property Sales and Interest Earnings	275	40	35	35	35	35	35	35	525
<b>Total:</b>	275	40	35	35	35	35	35	35	525

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	275	40	35	35	35	35	35	35	525
<b>Total:</b>	275	40	35	35	35	35	35	35	525

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	275	40	35	35	35	35	35	35	525
<b>Total:</b>	275	40	35	35	35	35	35	35	525

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Improve Dog Off-Leash Areas

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-51002
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-50000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Maintaining Parks & Facilities
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project improves the City’s 14 existing off-leash areas, most of which have aging infrastructure. In 1996, seven sites were selected as pilot off-leash areas. In 1997, four of them (Blue Dog Pond, Genesee, Golden Gardens, and Westcrest were selected as the first permanent sites. By 2011, there were a total of 11 off-leash areas, and three more have been added since then (Magnolia Manor, Kinnear, and Denny). Typical projects will improve Americans with Disabilities (ADA) access, address drainage and erosion issues, update aging infrastructure, and related work. This project is part of the Seattle Park District measure put before voters in 2014.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Real Estate Excise Tax II	0	100	0	0	0	0	0	0	100
Seattle Park District Revenues	64	317	115	117	120	123	126	129	1,111
<b>Total:</b>	64	417	115	117	120	123	126	129	1,211

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

REET II Capital Fund	0	100	0	0	0	0	0	0	100
Seattle Park District Fund	64	317	115	117	120	123	126	129	1,111
<b>Total:</b>	64	417	115	117	120	123	126	129	1,211

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

REET II Capital Fund	0	100	0	0	0	0	0	0	100
Seattle Park District Fund	64	163	269	117	120	123	126	129	1,111
<b>Total:</b>	64	263	269	117	120	123	126	129	1,211

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Department of Parks and Recreation

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Irrigation Replacement and Outdoor Infrastructure Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41020
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project funds engineering and other studies of the Department’s park irrigation and outdoor infrastructure systems (e.g., water mains, irrigation and drainage lines, sanitary and storm sewers, electrical utilities, roads, paths, trails, retaining walls, bridges, saltwater piers, and related infrastructure); associated cost estimating; related staff and consultant support for developing and prioritizing projects within the Department's Asset Management Plan; and implements replacement projects at various sites. Specific projects are determined by the study and operational considerations. This project provides conservation benefits by reducing water loss due to leaking systems, allocating water flow more efficiently through improved technology, and implementing other related work. It also extends the useful life of the infrastructure.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Drainage and Wastewater Rates	40	0	0	0	0	0	0	0	40
Real Estate Excise Tax I	427	91	0	0	0	0	0	0	518
Real Estate Excise Tax II	1,042	390	250	250	550	550	550	550	4,132
<b>Total:</b>	1,509	481	250	250	550	550	550	550	4,690

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

Cumulative Reserve Subfund - Unrestricted Subaccount	40	0	0	0	0	0	0	0	40
REET I Capital Fund	427	91	0	0	0	0	0	0	518
REET II Capital Fund	1,042	390	250	250	550	550	550	550	4,132
<b>Total:</b>	1,509	481	250	250	550	550	550	550	4,690

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

Cumulative Reserve Subfund - Unrestricted Subaccount	40	0	0	0	0	0	0	0	40
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	427	91	0	0	0	0	0	0	518
REET II Capital Fund	1,042	390	250	250	550	550	550	550	4,132
<b>Total:</b>	1,509	481	250	250	550	550	550	550	4,690
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Landscape Restoration Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41017
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Neighborhood District:</b>	Multiple	<b>Location:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Council District:</b>	Multiple
		<b>Urban Village:</b>	Not in an Urban Village

This ongoing program restores developed landscape areas by replacing and installing shrubbery, trees, turf, structural elements, and other elements in parks throughout the City. The program also includes a monitoring and plant establishment project, which provides necessary labor and materials to ensure that each restoration site is checked twice a year for the first three years after planting.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Property Sales and Interest Earnings	110	0	0	0	0	0	0	0	110
Real Estate Excise Tax I	1,252	0	0	0	0	0	0	0	1,252
Real Estate Excise Tax II	2,144	430	264	264	430	430	430	430	4,822
<b>Total:</b>	3,506	430	264	264	430	430	430	430	6,184

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	110	0	0	0	0	0	0	0	110
REET I Capital Fund	1,252	0	0	0	0	0	0	0	1,252
REET II Capital Fund	2,144	430	264	264	430	430	430	430	4,822
<b>Total:</b>	3,506	430	264	264	430	430	430	430	6,184

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	110	0	0	0	0	0	0	0	110
REET I Capital Fund	1,252	0	0	0	0	0	0	0	1,252
REET II Capital Fund	2,144	430	264	264	430	430	430	430	4,822
<b>Total:</b>	3,506	430	264	264	430	430	430	430	6,184

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	20	20	21	21	22	22	126

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Major Maintenance Backlog and Asset Management

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41001
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides funding for major maintenance projects for assets in all of the city parks and recreation facilities, including athletic fields, play areas, swimming pools, trails, buildings, accessibility elements, outdoor infrastructure, and related work. This project also funds a new integrated asset management and work order system to better track and forecast long-term asset and maintenance needs. The project also increases Parks' ability to remove property encroachments. Typical major maintenance improvements may include, but are not limited to renovating buildings, Americans with Disabilities (ADA) access improvements, replacing play area structures, forest, landscape, trail maintenance and improvements, swimming pool repairs, athletic field refurbishment, and installation of energy efficient lighting, and related major maintenance work. These projects will address health and safety codes, extend the life of the asset, improve access for all, reduce energy costs, reclaim Parks property, and improve the overall park experience for the public. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
King County Funds	0	75	477	0	0	0	0	0	552
State Grant Funds	40	210	0	0	0	0	0	0	250
State Grant Funds	0	1,393	0	0	0	0	0	0	1,393
Real Estate Excise Tax II	0	0	4,723	4,841	4,962	5,086	5,213	5,343	30,168
Seattle Park District Revenues	14,894	39,123	13,856	15,191	15,371	15,686	16,078	16,480	146,679
<b>Total:</b>	14,934	40,801	19,056	20,032	20,333	20,772	21,291	21,823	179,042

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	40	285	477	0	0	0	0	0	802
Parks and Recreation Fund	0	1,393	0	0	0	0	0	0	1,393
REET II Capital Fund	0	0	4,723	4,841	4,962	5,086	5,213	5,343	30,168
Seattle Park District Fund	14,894	39,123	13,856	15,191	15,371	15,686	16,078	16,480	146,679
<b>Total:</b>	14,934	40,801	19,056	20,032	20,333	20,772	21,291	21,823	179,042

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	40	285	477	0	0	0	0	0	802
Parks and Recreation Fund	0	0	1,393	0	0	0	0	0	1,393
REET II Capital Fund	0	0	1,444	4,399	5,577	4,399	6,943	7,406	30,168
Seattle Park District Fund	14,894	20,611	22,325	13,828	17,199	13,567	21,414	22,841	146,679
<b>Total:</b>	14,934	20,896	25,639	18,227	22,776	17,966	28,357	30,247	179,042
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Major Parks- 2008 Parks Levy

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-13001
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

The project provides a contingency for Major Parks projects on a case-by-case basis, subject to Department recommendations. General costs applicable to all projects, such as interest on borrowed funds, may be paid from this project. This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	14	1	0	0	0	0	0	0	15
<b>Total:</b>	14	1	0	0	0	0	0	0	15

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	14	1	0	0	0	0	0	0	15
<b>Total:</b>	14	1	0	0	0	0	0	0	15

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	14	0	1	0	0	0	0	0	15
<b>Total:</b>	14	0	1	0	0	0	0	0	15

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Major Projects Challenge Fund

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-21002
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-20000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Building For The Future - CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides funding to leverage community-generated funding for renovation or development of large projects of Parks' facilities where other City funding is unavailable, often times due to the magnitude of the project. These projects will require matching funds, so the leveraging will stretch the City's funding, and more great community-generated projects can be accomplished. The community will benefit from new and/or improved facilities that can better accommodate current and projected park and recreation needs and demands. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Park District Revenues	494	4,427	1,723	1,766	1,810	1,855	1,902	1,950	15,927
<b>Total:</b>	494	4,427	1,723	1,766	1,810	1,855	1,902	1,950	15,927

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Seattle Park District Fund	494	4,427	1,723	1,766	1,810	1,855	1,902	1,950	15,927
<b>Total:</b>	494	4,427	1,723	1,766	1,810	1,855	1,902	1,950	15,927

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Seattle Park District Fund	494	2,962	2,300	2,300	1,800	1,855	2,296	1,920	15,927
<b>Total:</b>	494	2,962	2,300	2,300	1,800	1,855	2,296	1,920	15,927

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Neighborhood Capital Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41015
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This program provides funding for various projects that were proposed and prioritized through participatory budgeting process administered by the Department of Neighborhoods. This is a partner project to SDOT's Neighborhood Parks Street Fund - Your Voice, Your Choice project.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	243	0	0	0	0	0	0	0	243
Real Estate Excise Tax II	1,109	192	498	0	0	0	0	0	1,799
<b>Total:</b>	1,352	192	498	0	0	0	0	0	2,042

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	243	0	0	0	0	0	0	0	243
REET II Capital Fund	1,109	192	498	0	0	0	0	0	1,799
<b>Total:</b>	1,352	192	498	0	0	0	0	0	2,042

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	243	0	0	0	0	0	0	0	243
REET II Capital Fund	1,109	160	530	0	0	0	0	0	1,799
<b>Total:</b>	1,352	160	530	0	0	0	0	0	2,042

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Neighborhood Park Acquisitions- 2008 Parks Levy

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-14001
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
		<b>Location:</b>	Multiple Locations
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project provides for acquisition of property to create new urban parklands in Seattle’s most densely-developed neighborhoods as identified in Seattle Parks and Recreation’s 2006 Gap Analysis. New park land acquisition enhances livability and increases opportunities for the public to enjoy the outdoors. The acquisitions also implement the Parks Strategic Action Plan. Levy funds are expected to be supplemented by grants and funds from other sources and are not expected to be sufficient to complete acquisitions in all the targeted areas. This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	21,513	3,393	0	0	0	0	0	0	24,906
<b>Total:</b>	21,513	3,393	0	0	0	0	0	0	24,906

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	21,513	3,393	0	0	0	0	0	0	24,906
<b>Total:</b>	21,513	3,393	0	0	0	0	0	0	24,906

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	21,513	122	1,394	1,877	0	0	0	0	24,906
<b>Total:</b>	21,513	122	1,394	1,877	0	0	0	0	24,906

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Neighborhood Parks & Playgrounds- 2008 Parks Levy

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-16001
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	2008 Parks Levy
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

The project provides a contingency for Neighborhood Parks & Playground projects on a case-by-case basis, subject to Department recommendations. General costs applicable to all projects, such as interest on borrowed funds, may be paid from this project. This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	129	688	0	0	0	0	0	0	817
<b>Total:</b>	129	688	0	0	0	0	0	0	817

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	129	688	0	0	0	0	0	0	817
<b>Total:</b>	129	688	0	0	0	0	0	0	817

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	129	229	230	229	0	0	0	0	817
<b>Total:</b>	129	229	230	229	0	0	0	0	817

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Neighborhood Response Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41024
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program provides funding for small projects identified by citizens, neighborhood groups, or other community organizations. Projects address requests which are typically under \$50,000, and may be used for major maintenance activities performed in conjunction with development-oriented Neighborhood Matching Fund (NMF) projects. This program enables the Department to respond quickly to community requests for repairs in neighborhood parks.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
King County Funds	37	0	0	0	0	0	0	0	37
Private Funding/Donations	494	493	0	0	0	0	0	0	987
Real Estate Excise Tax I	631	92	0	0	0	0	0	0	723
Real Estate Excise Tax II	677	493	200	200	250	250	250	250	2,570
<b>Total:</b>	1,839	1,078	200	200	250	250	250	250	4,317

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	531	493	0	0	0	0	0	0	1,024
REET I Capital Fund	631	92	0	0	0	0	0	0	723
REET II Capital Fund	677	493	200	200	250	250	250	250	2,570
<b>Total:</b>	1,839	1,078	200	200	250	250	250	250	4,317

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	531	493	0	0	0	0	0	0	1,024
REET I Capital Fund	631	92	0	0	0	0	0	0	723

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	677	350	293	250	250	250	250	250	2,570
<b>Total:</b>	1,839	935	293	250	250	250	250	250	4,317
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### **2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Opportunity Fund Acquisitions- 2008 Parks Levy**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-15001
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project provides funding to cover the costs of pre-acquisition activities (including planning, title searches, appraisals, negotiations, and community involvement) associated with acquisitions of specified real property as approved for the Opportunity Fund of the levy. Acquisitions will be authorized and funded through separate legislative action. This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	1,975	0	0	0	0	0	0	0	1,975
Seattle Voter-Approved Levy	5,880	494	0	0	0	0	0	0	6,374
<b>Total:</b>	7,855	494	0	0	0	0	0	0	8,349

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2000 Parks Levy Fund	1,975	0	0	0	0	0	0	0	1,975
2008 Parks Levy Fund	5,880	494	0	0	0	0	0	0	6,374
<b>Total:</b>	7,855	494	0	0	0	0	0	0	8,349

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2000 Parks Levy Fund	1,975	0	0	0	0	0	0	0	1,975
2008 Parks Levy Fund	5,880	0	489	5	0	0	0	0	6,374
<b>Total:</b>	7,855	0	489	5	0	0	0	0	8,349

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	12	12	13	13	14	14	78

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Opportunity Fund Development- 2008 Parks Levy

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-15002
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-10000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	2008 Parks Levy
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

The project provides a contingency for Opportunity Fund projects on a case-by-case basis, subject to Department recommendations. General costs applicable to all projects, such as interest on borrowed funds, may be paid from this project. Specific projects will be authorized and funded through separate legislative action. This project is part of the 2008 Parks Levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	14	10	0	0	0	0	0	0	24
King County Voter-Approved Levy	0	0	0	0	0	0	0	0	0
<b>Total:</b>	14	10	0	0	0	0	0	0	24

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	14	10	0	0	0	0	0	0	24
2013 King County Parks Levy	0	0	0	0	0	0	0	0	0
<b>Total:</b>	14	10	0	0	0	0	0	0	24

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	14	0	0	10	0	0	0	0	24
2013 King County Parks Levy	0	0	0	0	0	0	0	0	0
<b>Total:</b>	14	0	0	10	0	0	0	0	24

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Park Acquisition and Development

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-21008
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-20000
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Building For The Future - CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project provides funding for property acquisition for park purposes using a variety of funding sources. It also provides funding for developing acquired property.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
CRS Misc Revenues	19	2,887	0	0	0	0	0	0	2,906
Real Estate Excise Tax I	14	621	0	0	0	0	0	0	635
<b>Total:</b>	33	3,508	0	0	0	0	0	0	3,541

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	19	2,887	0	0	0	0	0	0	2,906
REET I Capital Fund	14	621	0	0	0	0	0	0	635
<b>Total:</b>	33	3,508	0	0	0	0	0	0	3,541

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	19	5	2,882	0	0	0	0	0	2,906
REET I Capital Fund	14	0	621	0	0	0	0	0	635
<b>Total:</b>	33	5	3,503	0	0	0	0	0	3,541

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Park Land Acquisition and Leverage Fund

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-21001
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-20000
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Building For The Future - CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides funds for land acquisition, leveraging capital projects, pre-acquisition activities (including planning, title searches, appraisals, negotiations, and community involvement), associated with acquisitions of specified real property, and related work. The project also serves as a match to leverage other funding sources such as King County Conservation Futures. The City is growing and there is a need to add parkland to meet park and open space goals and improve the quality of life for Seattle residents. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
King County Funds	80	1,420	0	0	0	0	0	0	1,500
King County Funds	0	1,500	1,500	0	0	0	0	0	3,000
Seattle Park District Revenues	687	5,464	2,154	2,208	2,263	2,320	2,378	2,437	19,911
<b>Total:</b>	<b>767</b>	<b>8,384</b>	<b>3,654</b>	<b>2,208</b>	<b>2,263</b>	<b>2,320</b>	<b>2,378</b>	<b>2,437</b>	<b>24,411</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	80	1,420	0	0	0	0	0	0	1,500
Parks and Recreation Fund	0	1,500	1,500	0	0	0	0	0	3,000
Seattle Park District Fund	687	5,464	2,154	2,208	2,263	2,320	2,378	2,437	19,911
<b>Total:</b>	<b>767</b>	<b>8,384</b>	<b>3,654</b>	<b>2,208</b>	<b>2,263</b>	<b>2,320</b>	<b>2,378</b>	<b>2,437</b>	<b>24,411</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	80	0	420	1,000	0	0	0	0	1,500
Parks and Recreation Fund	0	250	2,500	250	0	0	0	0	3,000

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Seattle Park District Fund	687	3,148	4,258	2,208	2,200	2,620	2,378	2,412	19,911
<b>Total:</b>	767	3,398	7,178	3,458	2,200	2,620	2,378	2,412	24,411
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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### **2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Parks Upgrade Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41029
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program provides minor capital improvements to low-income area parks throughout the City. Conservation Corps Program staff perform this work, providing training opportunities for low-income, homeless, and other at-risk community members. Program elements include provision of ADA improvements to parks and park restrooms, accessible drinking fountain installation, basketball court construction, bench and picnic table installation, tree purchase and planting, and other small-scale capital projects. Funding is also targeted to projects that can be integrated with other community-identified amenities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Federal Community Development Block Grant	3,884	879	808	808	808	808	808	808	9,611
Real Estate Excise Tax II	1,524	0	0	0	0	0	0	0	1,524
<b>Total:</b>	5,408	879	808	808	808	808	808	808	11,135

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

Parks and Recreation Fund	3,884	879	808	808	808	808	808	808	9,611
REET II Capital Fund	1,524	0	0	0	0	0	0	0	1,524
<b>Total:</b>	5,408	879	808	808	808	808	808	808	11,135

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

Parks and Recreation Fund	3,884	879	808	808	808	808	808	808	9,611
REET II Capital Fund	1,524	0	0	0	0	0	0	0	1,524
<b>Total:</b>	5,408	879	808	808	808	808	808	808	11,135

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	45	45	46	46	47	47	276

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Pavement Restoration Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41025
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project funds various project activities, including, but not limited to, seal-coats to new pavement to extend its lifespan, pavement patching, sub-grade repairs, overlays to small areas, and repairs associated with pavement failures (e.g., heaving, sinking, cracking, and root invasion). Improvements reduce damage to asphalt, lengthen pavement lifespan, and reduce safety hazards such as uneven pavement.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Federal Grant Funds	600	0	0	0	0	0	0	0	600
Miscellaneous Grants or Donations	42	0	0	0	0	0	0	0	42
Real Estate Excise Tax I	699	58	0	0	0	0	0	0	757
Real Estate Excise Tax II	1,028	460	350	320	400	400	400	400	3,758
<b>Total:</b>	2,369	518	350	320	400	400	400	400	5,157

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	642	0	0	0	0	0	0	0	642
REET I Capital Fund	699	58	0	0	0	0	0	0	757
REET II Capital Fund	1,028	460	350	320	400	400	400	400	3,758
<b>Total:</b>	2,369	518	350	320	400	400	400	400	5,157

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	642	0	0	0	0	0	0	0	642
REET I Capital Fund	699	58	0	0	0	0	0	0	757

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	1,028	460	350	320	400	400	400	400	3,758
<b>Total:</b>	2,369	518	350	320	400	400	400	400	5,157
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### **2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Play Area Renovations

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41039
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Neighborhood District:</b>	Multiple	<b>Location:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Council District:</b>	Multiple
		<b>Urban Village:</b>	Multiple

This project renovates a number of play areas in the park system. Improvements may include equipment replacement, ADA access, surfacing and containment renovation, and related elements. The sites will be determined each year using the Play Area Inventory and Assessment report.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	52	8	0	0	0	0	0	0	60
King County Voter-Approved Levy	311	2,641	0	0	0	0	0	0	2,952
Real Estate Excise Tax I	0	0	0	2,000	0	0	0	0	2,000
Real Estate Excise Tax II	489	0	0	0	1,000	1,000	1,000	1,000	4,489
<b>Total:</b>	852	2,649	0	2,000	1,000	1,000	1,000	1,000	9,501

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	52	8	0	0	0	0	0	0	60
2013 King County Parks Levy	311	2,641	0	0	0	0	0	0	2,952
REET I Capital Fund	0	0	0	2,000	0	0	0	0	2,000
REET II Capital Fund	489	0	0	0	1,000	1,000	1,000	1,000	4,489
<b>Total:</b>	852	2,649	0	2,000	1,000	1,000	1,000	1,000	9,501

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	52	8	0	0	0	0	0	0	60
2013 King County Parks Levy	311	2,000	641	0	0	0	0	0	2,952
REET I Capital Fund	0	0	0	2,000	0	0	0	0	2,000
REET II Capital Fund	489	0	0	0	1,000	1,000	1,000	1,000	4,489
<b>Total:</b>	852	2,008	641	2,000	1,000	1,000	1,000	1,000	9,501

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Department of Parks and Recreation

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Play Area Safety Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41018
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program renovates play areas, makes ADA improvements, installs safety upgrades, and performs other related work. The program focuses on addressing safety issues at two to four play areas per year. Primarily, the program is focused on installing proper safety surfacing at children's play areas throughout the parks system. Future funding for this program depends on specific projects and available resources, including grants. This program extends the useful life and improves the safety of the play areas. This project was formerly project number K732218. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	410	0	0	0	0	0	0	0	410
Real Estate Excise Tax II	547	193	75	75	150	150	150	150	1,490
<b>Total:</b>	957	193	75	75	150	150	150	150	1,900

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	410	0	0	0	0	0	0	0	410
REET II Capital Fund	547	193	75	75	150	150	150	150	1,490
<b>Total:</b>	957	193	75	75	150	150	150	150	1,900

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	410	0	0	0	0	0	0	0	410
REET II Capital Fund	547	193	75	75	150	150	150	150	1,490
<b>Total:</b>	957	193	75	75	150	150	150	150	1,900

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	19	19	20	20	21	21	120

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Puget Park - Environmental Remediation

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-31001
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-30000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Debt and Special Funding
		<b>Location:</b>	1900 SW Dawson St
<b>Neighborhood District:</b>	Delridge	<b>Council District:</b>	1
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project funds a cleanup action on a portion of Puget Park and on an adjacent related parcel, with participation by four parties involved in the original contamination. The City negotiated a settlement agreement with all parties for funding cleanup costs incurred in the past, as well as future site mitigation costs.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Private Funding/Donations	0	305	0	0	0	0	0	0	305
Private Funding/Donations	204	0	0	0	0	0	0	0	204
General Fund	21	0	0	0	0	0	0	0	21
<b>Total:</b>	225	305	0	0	0	0	0	0	530

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	305	0	0	0	0	0	0	305
Parks and Recreation Fund	204	0	0	0	0	0	0	0	204
Emergency Fund	21	0	0	0	0	0	0	0	21
<b>Total:</b>	225	305	0	0	0	0	0	0	530

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	10	10	10	250	10	5	10	305
Parks and Recreation Fund	204	0	0	0	0	0	0	0	204
Emergency Fund	21	0	0	0	0	0	0	0	21
<b>Total:</b>	225	10	10	10	250	10	5	10	530

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Rejuvenate Our P-Patches

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-51001
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-50000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Maintaining Parks & Facilities
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project revitalizes the City's 82 P-Patch Community Gardens. Typical projects will improve the paths, improve the planting beds and common areas, improve Americans with Disabilities (ADA) access, update aging infrastructure, and related work. The first P-Patch was constructed in 1973, and more have been added in the past 40 years. The individual projects will address safety and code requirements, extend the life of the asset, improve accessibility, and contribute to better air quality. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Park District Revenues	421	294	215	221	226	232	238	244	2,091
<b>Total:</b>	421	294	215	221	226	232	238	244	2,091

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Seattle Park District Fund	421	294	215	221	226	232	238	244	2,091
<b>Total:</b>	421	294	215	221	226	232	238	244	2,091

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Seattle Park District Fund	421	294	215	221	226	232	238	244	2,091
<b>Total:</b>	421	294	215	221	226	232	238	244	2,091

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Roof & Building Envelope Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41027
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Neighborhood District:</b>	Multiple	<b>Location:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Council District:</b>	Multiple
		<b>Urban Village:</b>	Multiple

This ongoing project funds architectural, engineering and other studies of the Department’s buildings (roofs, structure and other related infrastructure); associated cost estimating; related staff and consultant support for developing and prioritizing projects within the Department’s Asset Management Plan; and implements the replacement or renovation of buildings and roofs throughout the park system, including those at comfort stations, picnic shelters, community centers, and small roof sections of larger buildings.

This project extends the useful life of the buildings and roofs; assures that the facilities are protected against damage from roof and wall leaks; and assures that general building issues are addressed in the Asset Management Plan.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Obligation Bonds	682	18	0	0	0	0	0	0	700
Real Estate Excise Tax I	1,331	146	0	0	0	0	0	0	1,477
Real Estate Excise Tax II	1,165	519	250	250	350	350	350	350	3,584
<b>Total:</b>	3,178	683	250	250	350	350	350	350	5,761

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2013 Multipurpose LTGO Bond Fund	682	18	0	0	0	0	0	0	700
REET I Capital Fund	1,331	146	0	0	0	0	0	0	1,477
REET II Capital Fund	1,165	519	250	250	350	350	350	350	3,584
<b>Total:</b>	3,178	683	250	250	350	350	350	350	5,761

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2013 Multipurpose LTGO Bond Fund	682	18	0	0	0	0	0	0	700
REET I Capital Fund	1,331	146	0	0	0	0	0	0	1,477

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	1,165	519	250	250	350	350	350	350	3,584
<b>Total:</b>	3,178	683	250	250	350	350	350	350	5,761
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Saving our City Forests

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41003
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project restores and maintains Seattle's 2,500 acres of urban forests. Seattle's trees are aging and inundated with invasive plants, including English ivy, Himalayan blackberry, Scot's broom, and knotweed. This project expands Parks' capacity to restore forest land, and to provide the ongoing monitoring and maintenance work necessary to keep restored areas from being overrun by invasive plants. A healthy urban forest contributes significantly to the health of the environment by cleaning air and water, filtering and retaining storm water, and providing a respite from the built environment. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Park District Revenues	4,629	2,481	896	945	2,486	2,548	2,611	2,676	19,272
<b>Total:</b>	4,629	2,481	896	945	2,486	2,548	2,611	2,676	19,272

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Seattle Park District Fund	4,629	2,481	896	945	2,486	2,548	2,611	2,676	19,272
<b>Total:</b>	4,629	2,481	896	945	2,486	2,548	2,611	2,676	19,272

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Seattle Park District Fund	4,629	2,481	896	945	2,486	2,548	2,611	2,676	19,272
<b>Total:</b>	4,629	2,481	896	945	2,486	2,548	2,611	2,676	19,272

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*



## Department of Parks and Recreation

### Tennis & Basketball Court Renovation Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41019
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project renovates tennis and basketball courts throughout the City. The program focuses on crack repair, color coating, providing new posts, standards, and nets, and completing less expensive repairs. Between one and three courts are renovated each year that are selected based on user complaints and staff evaluation of conditions. The Tennis Committee of the Seattle Sports Advisory Committee reviews the proposed project list and helps prioritize court repairs.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
King County Funds	6	0	0	0	0	0	0	0	6
Miscellaneous Grants or Donations	14	0	0	0	0	0	0	0	14
Real Estate Excise Tax I	45	0	0	0	0	0	0	0	45
Real Estate Excise Tax II	281	169	100	75	100	100	100	100	1,025
<b>Total:</b>	346	169	100	75	100	100	100	100	1,090

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	20	0	0	0	0	0	0	0	20
REET I Capital Fund	45	0	0	0	0	0	0	0	45
REET II Capital Fund	281	169	100	75	100	100	100	100	1,025
<b>Total:</b>	346	169	100	75	100	100	100	100	1,090

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	20	0	0	0	0	0	0	0	20
REET I Capital Fund	45	0	0	0	0	0	0	0	45

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	281	169	100	75	100	100	100	100	1,025
<b>Total:</b>	346	169	100	75	100	100	100	100	1,090
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### **2019 - 2024 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Trails Renovation Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41026
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
<b>Neighborhood District:</b>	Multiple	<b>Location:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Council District:</b>	Multiple
		<b>Urban Village:</b>	Multiple

This ongoing project implements a comprehensive trail renovation strategy. Funding addresses trail failures throughout the park system to correct safety problems, prevent further erosion and deterioration, and perform other related work. The project leverages community support by providing technical assistance, training, and materials to district staff and volunteers who are engaged in other trail-related projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	1,643	0	0	0	0	0	0	0	1,643
Real Estate Excise Tax II	991	359	350	350	350	350	350	350	3,450
<b>Total:</b>	<b>2,634</b>	<b>359</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>5,093</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	1,643	0	0	0	0	0	0	0	1,643
REET II Capital Fund	991	359	350	350	350	350	350	350	3,450
<b>Total:</b>	<b>2,634</b>	<b>359</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>5,093</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	1,643	0	0	0	0	0	0	0	1,643
REET II Capital Fund	991	359	350	350	350	350	350	350	3,450
<b>Total:</b>	<b>2,634</b>	<b>359</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>5,093</b>

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Urban Forestry - Forest Restoration Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41022
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This program develops forest and vegetation management plans, implements restoration projects at sites throughout the City's park system, removes hazardous trees, and performs other related work. Restoration projects, with much of the work being performed by citizen volunteers, may include removal of invasive plants, such as English ivy and Himalayan blackberry, followed by replanting with native plants. Future funding for this program depends on available resources. This project enhances Seattle's urban forest and supports the Green Seattle Partnership to increase overall City tree canopy and the Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	585	1	0	0	0	0	0	0	586
Real Estate Excise Tax II	825	279	200	200	200	200	200	200	2,304
<b>Total:</b>	1,410	280	200	200	200	200	200	200	2,890

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	585	1	0	0	0	0	0	0	586
REET II Capital Fund	825	279	200	200	200	200	200	200	2,304
<b>Total:</b>	1,410	280	200	200	200	200	200	200	2,890

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	585	1	0	0	0	0	0	0	586
REET II Capital Fund	825	279	200	200	200	200	200	200	2,304
<b>Total:</b>	1,410	280	200	200	200	200	200	200	2,890

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Urban Forestry - Green Seattle Partnership

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41012
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project is a collaborative effort between the City of Seattle and Forterra to restore 2,500 acres of forested park lands in Seattle by 2025. Restoration for each acre occurs over a three-year period and includes clearing invasive plants, replanting the area with native plants, caring for the plants through establishment, and other related work. This project supports the Green Seattle initiative.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
King County Funds	140	0	0	0	0	0	0	0	140
State Grant Funds	192	0	0	0	0	0	0	0	192
CRS Misc Revenues	241	199	0	0	0	0	0	0	440
CRS Misc Revenues	0	347	0	0	0	0	0	0	347
Real Estate Excise Tax I	7,170	85	0	0	0	0	0	0	7,255
Real Estate Excise Tax II	4,881	1,710	1,700	1,700	1,700	1,700	1,700	1,700	16,791
<b>Total:</b>	12,624	2,341	1,700	1,700	1,700	1,700	1,700	1,700	25,165

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	573	199	0	0	0	0	0	0	772
Parks and Recreation Fund	0	347	0	0	0	0	0	0	347
REET I Capital Fund	7,170	85	0	0	0	0	0	0	7,255
REET II Capital Fund	4,881	1,710	1,700	1,700	1,700	1,700	1,700	1,700	16,791
<b>Total:</b>	12,624	2,341	1,700	1,700	1,700	1,700	1,700	1,700	25,165

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	573	199	0	0	0	0	0	0	772

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Parks and Recreation Fund	0	347	0	0	0	0	0	0	347
REET I Capital Fund	7,170	85	0	0	0	0	0	0	7,255
REET II Capital Fund	4,881	1,710	1,700	1,700	1,700	1,700	1,700	1,700	16,791
<b>Total:</b>	12,624	2,341	1,700	1,700	1,700	1,700	1,700	1,700	25,165
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			426	435	447	460	473	486	2,727

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Urban Forestry - Tree Replacement

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41011
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces each tree removed from developed park land and boulevards with two new trees. The Department typically removes approximately 500 trees per year. This project increases the City's tree canopy and supports the Green Seattle initiative.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Miscellaneous Grants or Donations	41	1	0	0	0	0	0	0	42
Real Estate Excise Tax I	223	17	0	0	0	0	0	0	240
Real Estate Excise Tax II	1,166	99	95	95	95	95	95	95	1,835
<b>Total:</b>	1,430	117	95	95	95	95	95	95	2,117

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	41	1	0	0	0	0	0	0	42
REET I Capital Fund	223	17	0	0	0	0	0	0	240
REET II Capital Fund	1,166	99	95	95	95	95	95	95	1,835
<b>Total:</b>	1,430	117	95	95	95	95	95	95	2,117

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	41	1	0	0	0	0	0	0	42
REET I Capital Fund	223	17	0	0	0	0	0	0	240
REET II Capital Fund	1,166	99	95	95	95	95	95	95	1,835
<b>Total:</b>	1,430	117	95	95	95	95	95	95	2,117

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**



## Department of Parks and Recreation

### Utility Conservation Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41010
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project implements energy conservation projects in collaboration with Seattle City Light, Seattle Public Utilities, and Puget Sound Energy. Projects may include lighting, heating, and water use renovations at various facilities throughout the Parks system. These projects result in energy savings and better air and water quality, and support the Climate Protection Initiative by reducing greenhouse gas emissions. The cost of these projects is expected to be recovered within approximately five years through reduced utility costs and rebates from the three utilities. Rebates and other additional resources will be pursued to fund future conservation projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	111	0	0	0	0	0	0	0	111
Miscellaneous Grants or Donations	561	193	0	0	0	0	0	0	754
Miscellaneous Grants or Donations	0	105	105	105	105	105	105	105	735
Real Estate Excise Tax I	589	0	0	0	0	0	0	0	589
Real Estate Excise Tax II	1,551	267	200	200	250	250	250	250	3,218
<b>Total:</b>	<b>2,812</b>	<b>565</b>	<b>305</b>	<b>305</b>	<b>355</b>	<b>355</b>	<b>355</b>	<b>355</b>	<b>5,407</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	111	0	0	0	0	0	0	0	111
Cumulative Reserve Subfund - Unrestricted Subaccount	561	193	0	0	0	0	0	0	754
Parks and Recreation Fund	0	105	105	105	105	105	105	105	735
REET I Capital Fund	589	0	0	0	0	0	0	0	589
REET II Capital Fund	1,551	267	200	200	250	250	250	250	3,218
<b>Total:</b>	<b>2,812</b>	<b>565</b>	<b>305</b>	<b>305</b>	<b>355</b>	<b>355</b>	<b>355</b>	<b>355</b>	<b>5,407</b>

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	111	0	0	0	0	0	0	0	111
Cumulative Reserve Subfund - Unrestricted Subaccount	561	193	0	0	0	0	0	0	754
Parks and Recreation Fund	0	105	105	105	105	105	105	105	735
REET I Capital Fund	589	0	0	0	0	0	0	0	589
REET II Capital Fund	1,551	267	200	200	250	250	250	250	3,218
<b>Total:</b>	<b>2,812</b>	<b>565</b>	<b>305</b>	<b>305</b>	<b>355</b>	<b>355</b>	<b>355</b>	<b>355</b>	<b>5,407</b>
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Zoo Major Maintenance

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PR-41005
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PR-40000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Fix It First-CIP
		<b>Location:</b>	601 N 59TH ST
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	6
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project preserves the Zoo facilities to enable it to operate efficiently, and to offer a world-class experience to the patrons. Typical projects include exhibit renovation or replacement, water, electrical, irrigation, and sewer systems replacement, energy efficient improvements, pavement and grounds restoration, Americans with Disabilities (ADA) access improvements, and related work. The oldest buildings at the Zoo were constructed in the 1930s and others have been built in subsequent decades. The individual projects will address health and safety codes, extend the life of the asset, improve access for all, reduce energy costs, and improve the overall Zoo experience for the public. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	1,938	1,987	2,037	2,087	2,140	2,194	12,383
Seattle Park District Revenues	3,456	2,580	0	0	0	0	0	0	6,036
<b>Total:</b>	3,456	2,580	1,938	1,987	2,037	2,087	2,140	2,194	18,419

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET II Capital Fund	0	0	1,938	1,987	2,037	2,087	2,140	2,194	12,383
Seattle Park District Fund	3,456	2,580	0	0	0	0	0	0	6,036
<b>Total:</b>	3,456	2,580	1,938	1,987	2,037	2,087	2,140	2,194	18,419

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	0	0	1,938	1,987	2,037	2,087	2,140	2,194	12,383
Seattle Park District Fund	3,456	2,580	0	0	0	0	0	0	6,036
<b>Total:</b>	3,456	2,580	1,938	1,987	2,037	2,087	2,140	2,194	18,419

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

# Seattle Center



### Overview

Seattle Center's Capital Improvement Plan (CIP) is at the heart of the Center's purpose "to create exceptional events, experiences and environments that delight and inspire the human spirit to build stronger communities." The Center's CIP repairs, renews, and redevelops the facilities and grounds of Seattle Center to provide a safe and welcoming place for millions of annual visitors.

Seattle Center is a 74-acre campus in the middle of the City. It is the largest visitor destination in Washington state, attracting an estimated 12 million visits each year to attend arts, sporting, educational, and cultural events and festivals, and to enjoy the grounds and open spaces. There are 24 buildings and three parking garages on the campus. Seattle Center is also a major urban park with lawns, gardens, fountains, a children's play area, and a variety of plazas and open spaces. The Seattle Center Monorail runs between the Seattle Center campus and downtown Seattle. The City owns the Monorail, which is operated by Seattle Monorail Services on behalf of the City. The Space Needle, the Pacific Science Center, the Museum of Pop Culture, the Chihuly Garden and Glass Exhibition, and Seattle Public Schools' Memorial Stadium and an adjacent parking lot are also part of the campus but are privately owned and operated.

The origins of a civic campus at Seattle Center go back to the 1920s, with Mayor Bertha Landes presiding over the groundbreaking for the Civic Auditorium, Civic Ice Arena and Civic Field. In the 1930s the Washington State Armory was built. Memorial Stadium was constructed in the 1940s. In the late 1950s and early 1960s the site for the 1962 Seattle World's Fair was created, expanding the size of the campus to roughly what we know today. One result of this long history as a civic gathering place is aging infrastructure. Some facilities have been significantly renovated (e.g., Civic Auditorium into the Opera House for the World's Fair, and into McCaw Hall in 2003, and the Civic Ice Arena/Mercer Arena site into the new Seattle Opera at the Center facility in 2018), while others remain in need of major renovation and redevelopment (e.g., Memorial Stadium).

In 2008, following a two-year community process, the City Council adopted the Seattle Center Century 21 Master Plan. The Master Plan provides a roadmap for the redevelopment of Seattle Center around a set of design and planning principles including increased open space; sustainable design and operations; opening the edges of the campus to the surrounding community; enlivening the campus throughout the day; being pedestrian friendly and accessible to all; and continuing to provide a diversity of programming and attractions for all parts of our community. The master plan is expected to be supported, as Seattle Center redevelopment has in the past, by a mix of public and private funding.

In 2015, Seattle Center began a multi-year facility condition assessment (FCA) program to identify current and future capital investment needs. Seattle Center's 2019-2024 Proposed CIP is in large part driven by the FCA program, with funds allocated for renovation of campus infrastructure, including roofs, elevators, sewer lines, parking structures, and the International Fountain. Seattle Center's 2019-2024 Proposed CIP Budget is \$56 million.

Seattle Center staff plan and implement capital projects to minimize the impact on events that occur throughout the year, including four major festivals between May and September.

### Thematic Priorities

Seattle Center's 2019-2024 Proposed CIP focuses on four primary themes:

- renovating basic infrastructure;
- preparing for a new Arena in the fall of 2020;
- preserving heavily used visitor amenities; and
- planning for the next phase of campus development – Memorial Stadium.

### **Renovating Basic Infrastructure**

Asset preservation investments in campus facilities are at the core of Seattle Center’s CIP. The 2019-2024 Proposed CIP prioritizes needs identified in the latest phase of facility condition assessments including:

- roof replacement for the Cornish Playhouse and Seattle Children’s Theatre;
- campus sewer line renovation;
- elevator renovation in the Mercer Garage and Armory;
- Mercer Garage life safety seismic upgrades; and
- phased renovation of the International Fountain.

### **Preparing for a New Arena in 2020**

Seattle Center is working, in coordination with other City departments, on design, permitting, environmental review and transaction documents for construction to begin on a new, privately-funded Arena. Seattle Center’s Proposed CIP includes several Arena-related elements:

Mercer Garage – The City’s MOU with the Oak View Group (OVG) commits to operation of the Mercer Garage until 2035. Seattle Center’s CIP prioritizes improvements to the Mercer Garage in 2019-20, including renovation of the two 1962 vintage passenger elevators, life safety seismic upgrades, deferred major maintenance repairs, and installation of a new Parking Access and Revenue Control (PARC) system in both the Mercer and 5<sup>th</sup> Avenue North garages in conjunction with OVG installing a compatible system in the First Avenue North garage, in time for the Arena opening in the fall of 2020.

Skatepark Relocation – Seattle Center’s CIP includes funding to replace the existing skatepark facility which is located within the footprint of the new Arena. In accordance with the MOU with the City, OVG is providing partial funding for skatepark relocation. The City is allocating Real Estate Excise Tax (REET) for the balance of the funding.

Northwest Courtyard – The public open space north of the new Arena will be heavily impacted by Arena construction. The City is working in conjunction with OVG on a renovation plan for this Northwest Courtyard area, so that the quality of the public open space at the north end of the Arena matches that at the west, south and east. Seattle Center’s proposed CIP includes some funding for Northwest Courtyard renovation. Additional funding is expected from OVG.

Monorail Station Improvements – In 2018, Seattle Center, in conjunction with Seattle Monorail Services and VIA Architecture, completed a feasibility study for improvements at both Monorail stations that would increase the capacity of the Monorail system to move passengers before and after large events at Seattle Center and to improve the passenger experience. The Monorail Capital and Major Maintenance Program (CMMP) Plan, a 5-year capital plan for the Monorail system, includes \$2.5 million in 2019-20 towards station improvements. If additional funding is required to carry out a first phase of station improvements in time for the Arena opening in the fall of 2020, this will be considered as part of the mid-biennium budget process in the 2020-2025 CIP.



### **Preserving Visitor Amenities**

While a major construction project takes place on the campus from the fall of 2018 to the fall of 2020, Seattle Center is working hard to ensure that it can continue to delight and inspire the millions of annual visitors to the campus. To support this effort, Seattle Center's CIP prioritizes asset preservation investments in some of its most visible and heavily-used facilities. These include:

Artists at Play – Since its opening in 2015, this free public play area is active with children and families nearly every hour of the day, rain or shine. Its use has exceeded all expectations. As a result, the play area will need refurbishment in 2019-20, including replacement of the padded turf areas under the play structures.

International Fountain – Voted a few years ago as the top public fountain in the country, the International Fountain is the centerpiece of the Seattle Center campus and a very popular free attraction for the public. Seattle Center is working with WET Design, the original designer of the Fountain, to do a full condition assessment of the Fountain. Seattle Center's CIP includes funding for phased renovation of fountain systems over multiple years.

Fisher Pavilion – Now sixteen years old, Fisher Pavilion is heavily used throughout the year for public and private events. Seattle Center's CIP includes funding to address priority major maintenance issues, including wall surfaces, roll doors, and restrooms.

### **Planning for the Next Phase of Campus Development – Memorial Stadium**

In follow-up to the November 2017 Public Process Partnership Agreement with Seattle Public Schools, discussions continue between the City and Seattle Public Schools regarding redevelopment and joint use of the Memorial Stadium site and potential location of a new high school on the Seattle Center campus. Creating new public open space in the center of the Seattle Center campus is at the heart of the Seattle Center Century 21 Master Plan.

### **Aligning Capital Investments with Growth and/or Community Planning**

The Seattle Center campus is located within the Uptown Urban Center. In 2015-16 Seattle Center participated with the Office of Planning and Community Development (OPCD) and the Uptown community on the development of the Uptown Urban Design Framework (UDF). The design principles of the Seattle Center Century 21 Master Plan are incorporated into the UDF. After completion of the UDF, Seattle Center partnered with OPCD and the Uptown community on the Seattle Center and Uptown Strategic Parking Study and the Uptown Rezone Environmental Impact Statement (EIS) process. Capital projects which invest in the facilities and grounds of the 74-acre Seattle Center campus support the growth of the Uptown Urban Center as well the South Lake Union and Belltown neighborhoods. Capital projects in 2019-20 which support growth in the neighborhoods surrounding Seattle Center include:

- Skatepark Relocation
- Northwest Courtyard Public Open Space Improvements
- Monorail Station Improvements
- Artists at Play Children's Play Area Refurbishment
- International Fountain Improvements
- Memorial Stadium Planning/Seattle Center Century 21 Master Plan Update

### **Project Selection Criteria**

For each two-year budget cycle, a broad cross-section of Seattle Center staff members engage in the process of identifying the highest priority asset preservation and improvement needs on the campus. This includes staff members who maintain facilities, rent facilities to clients, provide technical support for events, manage parking and public assembly facilities, and manage capital projects. Projects are prioritized around a set of criteria, including public and staff safety, regulatory requirements, failing building systems, asset preservation, master plan implementation, reducing operating costs and/or increasing revenue potential, leveraging non-City funds, and race and social justice. Historically, Center's four operating boards (Armory, Campus, McCaw Hall, and KeyArena) have played a central role in identifying and prioritizing capital needs in the facilities they oversee, although the KeyArena Operating Board ended in 2018. The Seattle Center Executive Team takes all of this information and prioritizes projects across the entire Seattle Center campus within funding targets provided. Seattle Center's program of facility condition assessments, utilizing a number of specialty consultants, is a key source of information for identifying current and future capital needs at Seattle Center to inform capital investment priorities.

### **2019-2024 Proposed CIP Highlights**

Seattle Center's Proposed CIP Budget for 2019-20 is \$24.5 million. The Center's CIP prioritizes funding to address needs identified in the latest phase of facility condition assessments, including roofs, elevators, sewer lines, parking structures, and the International Fountain. The CIP also includes funding for asset preservation investments in McCaw Hall and the Monorail, guided by the McCaw Hall Capital Renewal/Major Maintenance Plan and the Seattle Center Monorail Capital and Major Maintenance Program Plan.

In order to fund the highest priority needs identified in facility condition assessments completed since the adoption of the 2018-23 CIP, \$1.6 million of REET I funding is re-allocated to carry out the work described below. Asset preservation investments in 2019-20 include:

Armory – An ongoing program of renovation of the 1939 Seattle Center Armory continues in 2019-20 including elevator renovation and atrium exterior door replacement. REET I funding in 2019-20 for Armory Rehabilitation is \$1,385,000. In addition, for the costs of Armory food court renovations completed in 2012, Seattle Center will pay debt service of \$382,000 in 2019 and \$380,000 in 2020. The final debt service payment will be in 2021.

Fisher Pavilion – In 2019, \$200,000 of REET I funding is allocated to address priority major maintenance issues in the heavily-used Fisher Pavilion including wall surfaces, roll doors, and restrooms.

General Site Improvements – In 2019-20, \$900,000 in REET I funding is allocated for phased renovation of the International Fountain and for campus security improvements.

McCaw Hall – Annual REET I allocations for McCaw Hall asset preservation are matched 100% by the resident tenants of McCaw Hall, the Seattle Opera and Pacific Northwest Ballet to carry out the McCaw Hall Capital Renewal/Major Maintenance Plan, under the direction of the McCaw Hall Operating Board. The total of REET I and privately donated funds for McCaw Hall asset preservation in 2019-20 is \$1,248,000.

Memorial Stadium Planning and Seattle Center Master Plan Update – In follow-up to the November 2017 Public Process Partnership Agreement with Seattle Public Schools, Seattle Center’s 2019-20 CIP includes \$258,000 of Seattle Center operating fund balance to continue planning work with Seattle Public Schools regarding redevelopment and joint use of the Memorial Stadium site and potential location of a new high school on the Seattle Center campus. An update to the Seattle Center Century 21 Master Plan is also planned.

Monorail Renovation – In 2019-20, \$2.5 million of Federal Transit Administration grant funds and local matching funds is allocated to continue implementation of the Seattle Center Monorail Capital and Major Maintenance Program Plan for renovation of the Monorail trains, guideways and stations.

Open Space Restoration and Repair – In 2019-20, \$1,350,000 of REET I funding is allocated for renovation of public open spaces, including renovation work at the Artists at Play children’s play area and in the Northwest Courtyard adjacent to KeyArena, in conjunction with OVG.

Parking Repairs and Improvements – The City’s MOU with the Oak View Group (OVG) for the Arena at Seattle Center commits to operation of the Mercer Garage until 2035. Seattle Center’s CIP prioritizes the Mercer Garage in 2019-20, including renovation of the two 1962 vintage passenger elevators, life safety seismic upgrades and deferred major maintenance repairs based on a Tier II seismic evaluation conducted this spring, and installation of a new Parking Access and Revenue Control (PARC) system in both the Mercer and 5th Avenue North garages in conjunction with OVG installing a compatible system in the First Avenue North garage, in time for the Arena opening in the fall on 2020. In 2019-20, \$8,900,000 in REET I funding is allocated for this work.

Roof Replacements – In 2020, \$3,445,000 of REET I funds are allocated for roof replacement at the Cornish Playhouse, the highest priority identified in a facility condition assessment of campus roofs.

Skatepark Relocation – In 2019, \$1.7 million of REET I funds are allocated to replace the existing skatepark facility which is located within the footprint of the new Arena. This funding supplements funding of \$500,000 provided by OVG in accordance with the Arena at Seattle MOU between the City and OVG.

Utility Infrastructure – Renovation of campus utility infrastructure in 2019-20 includes renovation of campus sewer lines, upgrades to the campus Energy Management and Control System, and HVAC efficiency improvements. REET I funding in 2019-20 for campus utility infrastructure is \$1,345,000.

### **CIP Revenue Sources**

Seattle Center’s 2019-2024 Proposed CIP is funded from a combination of revenue sources including Real Estate Excise Tax (the primary funding source for 2019-2024), federal grants, Seattle Center fund balance, and private funds. Over the years other key funding sources for Seattle Center included voter-approved property tax levies, Washington State and King County funds, and proceeds from property sales, in addition to private funds. Following the adoption of the 1990 Seattle Center Master Plan, two voter-approved levies raised \$62 million for implementing the master plan. This amount in turn leveraged \$500 million in non-City funds, including \$440 million from private sources. The Seattle Center campus is experiencing another wave of private investment, including KEXP, the Opera at the Center, Space Needle renovation, and the renovation of KeyArena.

### **Summary of Upcoming Budget Issues and Challenges**

The biggest challenges facing Seattle Center's CIP are aging infrastructure and funding constraints. Seattle Center buildings date from the 1930s and some underground sewer lines within the campus are over 100 years old. While some facilities have been significantly renovated, others remain in need of major renovation. Seattle Center is carrying out a program of facility condition assessments to identify current and future needs for capital renovation and replacement. The 2019-2024 Proposed CIP is heavily weighted towards addressing the highest priority needs identified in these condition assessments. Additional funding will need to be identified to address future needed asset preservation investments in Seattle Center facilities.

Real estate excise tax is the primary funding source for Seattle Center's CIP. Real estate markets run in cycles, as Seattle Center experienced from 2009-2012, when annual REET revenue allocated to Seattle Center dropped below \$500,000 in three of the four years. Although City of Seattle REET revenues have been high in recent years, due to a robust commercial and residential real estate market, an economic downturn could jeopardize this important resource for Seattle Center's capital work. In the past, Seattle Center has augmented REET funding with proceeds from property sales, voter-approved levies, and private funding. The availability of these other funding sources is uncertain going forward.

In 2008, following a two-year community process, the City Council adopted the Seattle Center Century 21 Master Plan. The Master Plan provides a roadmap for the redevelopment of Seattle Center around a set of design and planning principles. Implementation of the plan is expected to be supported by a mix of public and private funding. A challenge in the coming years is how to fund the remaining vision of the master plan as well as maintain existing capital assets.

### **Future Projects/What is on the Horizon**

In follow-up to the November 2017 Public Process Partnership Agreement with Seattle Public Schools (SPS), discussions continue between the City and Seattle Public Schools regarding redevelopment and joint use of the Memorial Stadium site and potential location of a new high school on the Seattle Center campus. Creating new public open space in the center of the Seattle Center campus is at the heart of the Seattle Center Century 21 Master Plan, and is one of the City's priorities for a future City-SPS redevelopment partnership. The City recently engaged a design team to facilitate concept-level City planning and community engagement on this topic.

Seattle Center skilled trades staff are based in a leased facility located just off the Seattle Center campus. At some point in the future this leased facility will no longer be available. Seattle Center is looking to relocate its skilled craft staff within the Seattle Center campus, perhaps as part of development of the Memorial Stadium site.

A light rail station will be located adjacent to the Seattle Center campus as part of Sound Transit 3 (ST3). Seattle Center is participating in Sound Transit's efforts to identify a preferred site for the Seattle Center station and is providing suggestions regarding where station ingress and egress could potentially occur on the Seattle Center campus.

Seattle Center has aging infrastructure dating to the 1930s. Initial facility condition assessment work completed by Seattle Center prioritized funding in the 2019-2024 CIP for roof replacement, Mercer Garage seismic upgrades, renovation of selected elevators and sewer lines, and renovation of the International Fountain. Seattle Center will need to address other major maintenance needs on the campus in future CIPs.

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
<b>Building &amp; Campus Improvements</b>					<b>BSL/Program Code:</b>		<b>BC-SC-S03P01</b>		
<u>Debt Service</u>									
Armory Food Court Renovation - Debt Service (MC-SC-S1002)	2,354	383	382	380	383	0	0	0	3,882
<u>Discrete</u>									
Skatepark Relocation (MC-SC-S1901)	0	500	1,700	0	0	0	0	0	2,200
<u>Ongoing</u>									
ADA Improvements (MC-SC-S9302)	2,758	2,126	0	0	0	0	0	0	4,884
Armory Rehabilitation (MC-SC-S9113)	12,269	1,797	665	720	849	871	897	924	18,992
Artwork Maintenance (MC-SC-S9303)	592	57	30	30	30	30	30	30	829
Fisher Pavilion Asset Preservation (MC-SC-S0701)	64	41	200	0	50	50	50	50	505
General Site Improvements (MC-SC-S0305)	2,961	740	450	450	550	450	450	650	6,701
Lot 2 Development (MC-SC-S0501)	6,248	168	0	0	0	0	0	0	6,416
Municipal Energy Efficiency Program (MC-SC-S1003)	433	202	0	0	0	0	0	0	635
Open Space Restoration and Repair (MC-SC-S9704)	8,664	1,709	450	900	1,725	820	587	905	15,760
Parking Repairs and Improvements (MC-SC-S0301)	2,193	1,170	6,500	2,400	0	500	400	550	13,713
Preliminary Engineering and Planning (MC-SC-S9706)	1,826	731	0	125	125	125	125	125	3,182
Public Gathering Space Improvements (MC-SC-S9902)	5,963	2,938	200	100	450	703	714	732	11,800
Roof/Structural Replacement and Repair (MC-SC-S9701)	8,692	758	0	3,445	2,141	540	1,550	574	17,700

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## 2019 - 2024 Proposed Capital Improvement Program

Seattle Center Long Range Investment Plan (MC-SC-S0703)	2,388	1,411	258	0	0	0	0	0	4,057
Site Signage (MC-SC-S9118)	3,135	547	0	0	125	125	125	125	4,182
Theatre Improvements and Repairs (MC-SC-S9604)	3,779	63	0	0	0	0	100	100	4,042
Utility Infrastructure Master Plan & Repairs (MC-SC-S0101)	6,249	1,506	705	640	713	1,231	751	874	12,669
Waste/Recycle Center, Warehouse and Shops Improvements (MC-SC-S9801)	295	0	0	0	0	0	0	0	295
<b>Building &amp; Campus Improvements</b>	<b>70,863</b>	<b>16,847</b>	<b>11,540</b>	<b>9,190</b>	<b>7,141</b>	<b>5,445</b>	<b>5,779</b>	<b>5,639</b>	<b>132,444</b>
<b>KeyArena CIP</b>									
<u>Ongoing</u>									
KeyArena Improvements & Repairs (MC-SC-S9901)	5,496	325	0	0	0	0	0	0	5,821
<b>KeyArena CIP</b>	<b>5,496</b>	<b>325</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,821</b>
<b>McCaw Hall Capital Reserve</b>									
<u>Ongoing</u>									
McCaw Hall Asset Preservation (MC-SC-S0303)	2,670	2,354	634	614	632	650	671	691	8,916
<b>McCaw Hall Capital Reserve</b>	<b>2,670</b>	<b>2,354</b>	<b>634</b>	<b>614</b>	<b>632</b>	<b>650</b>	<b>671</b>	<b>691</b>	<b>8,916</b>
<b>Monorail Rehabilitation</b>									
<u>Debt Service</u>									
Monorail Improvements Debt Service (MC-SC-S0702)	5,591	0	0	0	0	0	0	0	5,591
<u>Ongoing</u>									
Monorail Improvements (MC-SC-S9403)	14,636	6,020	1,255	1,255	1,255	1,255	1,255	1,255	28,186
<b>Monorail Rehabilitation</b>	<b>20,227</b>	<b>6,020</b>	<b>1,255</b>	<b>1,255</b>	<b>1,255</b>	<b>1,255</b>	<b>1,255</b>	<b>1,255</b>	<b>33,777</b>
<b>Department Total:</b>	<b>99,256</b>	<b>25,546</b>	<b>13,429</b>	<b>11,059</b>	<b>9,028</b>	<b>7,350</b>	<b>7,705</b>	<b>7,585</b>	<b>180,958</b>

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## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Center

### Fund Summary

Fund Name & Code	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
2002 LTGO Bond Fund (34700)	5,388	0	0	0	0	0	0	0	5,388
2003 LTGO Bond Fund (34800)	7,043	0	0	0	0	0	0	0	7,043
2007 Multipurpose LTGO Bond Fund (35100)	5,266	0	0	0	0	0	0	0	5,266
2011 Multipurpose LTGO Bond Fund (35500)	433	202	0	0	0	0	0	0	635
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	27,241	4,332	130	130	130	130	130	130	32,353
General Fund (00100)	0	2,346	0	0	0	0	0	0	2,346
KeyArena Fund (11420)	0	750	0	0	0	0	0	0	750
KeyArena Settlement Proceeds Fund (00138)	2,440	0	0	0	0	0	0	0	2,440
McCaw Hall Capital Reserve (34070)	2,370	2,354	634	614	632	650	671	691	8,616
REET I Capital Fund (30010)	32,251	12,828	11,152	9,060	7,011	5,315	5,649	5,509	88,775
REET II Capital Fund (30020)	175	0	0	0	0	0	0	0	175
Seattle Center Capital Reserve Subfund (34060)	13,581	829	0	0	0	0	0	0	14,410
Seattle Center Fund (11410)	0	1,905	1,513	1,255	1,255	1,255	1,255	1,255	9,693
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed) (33000)	3,068	0	0	0	0	0	0	0	3,068
<b>Department Total:</b>	<b>99,256</b>	<b>25,546</b>	<b>13,429</b>	<b>11,059</b>	<b>9,028</b>	<b>7,350</b>	<b>7,705</b>	<b>7,585</b>	<b>180,958</b>

*\*Amounts in thousands of dollars*

### 2019 - 2024 Proposed Capital Improvement Program





**Armory Food Court Renovation - Debt Service**

<b>Project Type:</b>	Debt Service	<b>Project No.:</b>	MC-SC-S1002
<b>Start/End Date:</b>	2011-2021	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	305 Harrison St
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$3,881	<b>Urban Village:</b>	Uptown

This project provides for payment of debt service on 10-year LTGO bonds issued in 2011 to fund renovation of the Seattle Center Armory atrium, formerly known as the Center House Food Court. LTGO bonds are one fund source for the work described in the Department’s Center House Food Court Renovation project (S1001).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	2,354	383	382	380	383	0	0	0	3,882
<b>Total:</b>	2,354	383	382	380	383	0	0	0	3,882

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	2,354	383	382	380	383	0	0	0	3,882
<b>Total:</b>	2,354	383	382	380	383	0	0	0	3,882

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	2,354	383	382	380	383	0	0	0	3,882
<b>Total:</b>	2,354	383	382	380	383	0	0	0	3,882

		2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Monorail Improvements Debt Service**

<b>Project Type:</b>	Debt Service	<b>Project No.:</b>	MC-SC-S0702
<b>Start/End Date:</b>	2007-2017	<b>BSL/Program Code:</b>	BC-SC-S9403
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Monorail Rehabilitation
		<b>Location:</b>	Seattle Center Monorail System
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$5,591	<b>Urban Village:</b>	Uptown

This project provides for the payment of debt service on 10-year LTGO bonds issued in 2007 to fund rehabilitation work on the Seattle Center monorail. LTGO bonds are one fund source for the work described in the Department's Monorail Improvements project (S9403).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Federal Grant Funds	2,470	0	0	0	0	0	0	0	2,470
Property Sales and Interest Earnings-2	2,568	0	0	0	0	0	0	0	2,568
General Obligation Bonds	553	0	0	0	0	0	0	0	553
<b>Total:</b>	5,591	0	0	0	0	0	0	0	5,591

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	5,038	0	0	0	0	0	0	0	5,038
2007 Multipurpose LTGO Bond Fund	553	0	0	0	0	0	0	0	553
<b>Total:</b>	5,591	0	0	0	0	0	0	0	5,591

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	5,038	0	0	0	0	0	0	0	5,038
2007 Multipurpose LTGO Bond Fund	553	0	0	0	0	0	0	0	553
<b>Total:</b>	5,591	0	0	0	0	0	0	0	5,591

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

**Skatepark Relocation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SC-S1901
<b>Start/End Date:</b>	2018-2020	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$2,200	<b>Urban Village:</b>	Uptown

This project provides for the replacement of the Seattle Center Skatepark at a new location. The existing skatepark is within the footprint of the Arena construction project. Oak View Group, the developer of the Arena, is contributing to the cost of skatepark replacement.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	0	500	0	0	0	0	0	0	500
Real Estate Excise Tax I	0	0	1,700	0	0	0	0	0	1,700
<b>Total:</b>	0	500	1,700	0	0	0	0	0	2,200

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	0	500	0	0	0	0	0	0	500
REET I Capital Fund	0	0	1,700	0	0	0	0	0	1,700
<b>Total:</b>	0	500	1,700	0	0	0	0	0	2,200

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	0	75	175	250	0	0	0	0	500
REET I Capital Fund	0	0	250	1,450	0	0	0	0	1,700
<b>Total:</b>	0	75	425	1,700	0	0	0	0	2,200

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**ADA Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S9302
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This ongoing project makes the Seattle Center campus more accessible to people with disabilities. Improvements may include, but are not limited to, assisted listening devices, automatic doors, ramps, signage, seating and other features that accommodate Seattle Center visitors.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Property Sales and Interest Earnings	241	0	0	0	0	0	0	0	241
Real Estate Excise Tax I	2,342	2,126	0	0	0	0	0	0	4,468
Real Estate Excise Tax II	175	0	0	0	0	0	0	0	175
<b>Total:</b>	<b>2,758</b>	<b>2,126</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,884</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	241	0	0	0	0	0	0	0	241
REET I Capital Fund	2,342	2,126	0	0	0	0	0	0	4,468
REET II Capital Fund	175	0	0	0	0	0	0	0	175
<b>Total:</b>	<b>2,758</b>	<b>2,126</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,884</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	241	0	0	0	0	0	0	0	241
REET I Capital Fund	2,342	225	650	650	601	0	0	0	4,468
REET II Capital Fund	175	0	0	0	0	0	0	0	175
<b>Total:</b>	<b>2,758</b>	<b>225</b>	<b>650</b>	<b>650</b>	<b>601</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,884</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

**Armory Rehabilitation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S9113
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	305 Harrison St
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This ongoing project provides for major maintenance and improvements to the 275,000 square-foot Seattle Center Armory, formerly known as Center House, a 1939 structure that serves as the primary free indoor public gathering and programming space at Seattle Center. Work may include, but is not limited to, restroom and mechanical renovations, elevator renovation, fire-safety and seismic improvements, window replacement, signage improvements, wall and floor surface repairs, and improvements to the atrium.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Property Sales and Interest Earnings-2	3,632	0	0	0	0	0	0	0	3,632
Seattle Voter-Approved Levy	2,462	0	0	0	0	0	0	0	2,462
General Obligation Bonds	1,233	0	0	0	0	0	0	0	1,233
Real Estate Excise Tax I	4,942	1,797	665	720	849	871	897	924	11,665
<b>Total:</b>	12,269	1,797	665	720	849	871	897	924	18,992

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	3,632	0	0	0	0	0	0	0	3,632
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed)	2,462	0	0	0	0	0	0	0	2,462
2002 LTGO Bond Fund	1,233	0	0	0	0	0	0	0	1,233
REET I Capital Fund	4,942	1,797	665	720	849	871	897	924	11,665
<b>Total:</b>	12,269	1,797	665	720	849	871	897	924	18,992

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	3,632	0	0	0	0	0	0	0	3,632
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed)	2,462	0	0	0	0	0	0	0	2,462
2002 LTGO Bond Fund	1,233	0	0	0	0	0	0	0	1,233
REET I Capital Fund	4,942	560	1,500	986	985	871	897	924	11,665
<b>Total:</b>	12,269	560	1,500	986	985	871	897	924	18,992
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



**Artwork Maintenance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S9303
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This ongoing project provides for maintenance of public artwork on the Seattle Center campus to ensure the integrity of the artwork. Typical improvements may include, but are not limited to, surface restoration and repainting, mechanical upgrades and repairs, and structural repairs. Some artworks on the Seattle Center campus are maintained by the Office of Arts and Culture.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Private Funding/Donations	5	0	0	0	0	0	0	0	5
Property Sales and Interest Earnings	556	57	30	30	30	30	30	30	793
Real Estate Excise Tax I	31	0	0	0	0	0	0	0	31
<b>Total:</b>	592	57	30	30	30	30	30	30	829

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	561	57	30	30	30	30	30	30	798
REET I Capital Fund	31	0	0	0	0	0	0	0	31
<b>Total:</b>	592	57	30	30	30	30	30	30	829

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	561	18	50	49	30	30	30	30	798
REET I Capital Fund	31	0	0	0	0	0	0	0	31
<b>Total:</b>	592	18	50	49	30	30	30	30	829

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

**Fisher Pavilion Asset Preservation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S0701
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	200 Thomas St
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This project provides for asset preservation investments in Fisher Pavilion, a public assembly facility completed in 2002.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Real Estate Excise Tax I	64	41	200	0	50	50	50	50	505
<b>Total:</b>	64	41	200	0	50	50	50	50	505

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

REET I Capital Fund	64	41	200	0	50	50	50	50	505
<b>Total:</b>	64	41	200	0	50	50	50	50	505

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

REET I Capital Fund	64	30	200	11	50	50	50	50	505
<b>Total:</b>	64	30	200	11	50	50	50	50	505

			2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>			0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**General Site Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S0305
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This ongoing project improves the safety, security, facility integrity, and visitor experience on the Seattle Center campus. Improvements may include, but are not limited to, installation of security bollards, lighting upgrades, sealing of building exteriors, and renovation of fountains, site amenities and open spaces.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Federal Grant Funds	615	0	0	0	0	0	0	0	615
General Fund	178	0	0	0	0	0	0	0	178
Property Sales and Interest Earnings-2	820	0	0	0	0	0	0	0	820
General Obligation Bonds	109	0	0	0	0	0	0	0	109
Real Estate Excise Tax I	1,239	740	450	450	550	450	450	650	4,979
<b>Total:</b>	2,961	740	450	450	550	450	450	650	6,701

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	793	0	0	0	0	0	0	0	793
Seattle Center Capital Reserve Subfund	820	0	0	0	0	0	0	0	820
2002 LTGO Bond Fund	109	0	0	0	0	0	0	0	109
REET I Capital Fund	1,239	740	450	450	550	450	450	650	4,979
<b>Total:</b>	2,961	740	450	450	550	450	450	650	6,701

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	793	0	0	0	0	0	0	0	793

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Seattle Center Capital Reserve Subfund	820	0	0	0	0	0	0	0	820
2002 LTGO Bond Fund	109	0	0	0	0	0	0	0	109
REET I Capital Fund	1,239	242	750	648	550	450	450	650	4,979
<b>Total:</b>	2,961	242	750	648	550	450	450	650	6,701
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

**KeyArena Improvements & Repairs**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S9901
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P04
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	KeyArena CIP
		<b>Location:</b>	334 1st Ave N
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This ongoing project provides for major maintenance and improvements to KeyArena. Improvements may include, but are not limited to, lighting upgrades, mechanical and electrical upgrades, renovation or replacement of the basketball floor and other event systems, concessions area improvements, creation of special seating sections and partial house configurations, technology upgrades, seating improvements, and funding of concept plans for future facility upgrades. These improvements both maintain basic building operations and facility integrity and enhance KeyArena’s position in the highly competitive sports and entertainment marketplace.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Key Arena Settlement Subfund Revenue	2,170	0	0	0	0	0	0	0	2,170
Real Estate Excise Tax I	3,326	325	0	0	0	0	0	0	3,651
<b>Total:</b>	5,496	325	0	0	0	0	0	0	5,821

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

KeyArena Settlement Proceeds Fund	2,170	0	0	0	0	0	0	0	2,170
REET I Capital Fund	3,326	325	0	0	0	0	0	0	3,651
<b>Total:</b>	5,496	325	0	0	0	0	0	0	5,821

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

KeyArena Settlement Proceeds Fund	2,170	0	0	0	0	0	0	0	2,170
REET I Capital Fund	3,326	325	0	0	0	0	0	0	3,651
<b>Total:</b>	5,496	325	0	0	0	0	0	0	5,821

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

**Lot 2 Development**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S0501
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	5th Ave N/Republican St
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This project provides for activities related to the sale of Seattle Center Parking Lot 2 to the Bill & Melinda Gates Foundation. The property sale closed in November 2006, but sale-related activities will continue for a number of years. Activities include, but are not limited to, relocation of facilities, groundwater remediation, construction oversight, and development of a replacement skateboard park.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Private Funding/Donations	53	0	0	0	0	0	0	0	53
Property Sales and Interest Earnings-2	5,395	168	0	0	0	0	0	0	5,563
Real Estate Excise Tax I	800	0	0	0	0	0	0	0	800
<b>Total:</b>	6,248	168	0	0	0	0	0	0	6,416

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Seattle Center Capital Reserve Subfund	5,448	168	0	0	0	0	0	0	5,616
REET I Capital Fund	800	0	0	0	0	0	0	0	800
<b>Total:</b>	6,248	168	0	0	0	0	0	0	6,416

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Seattle Center Capital Reserve Subfund	5,448	69	49	50	0	0	0	0	5,616
REET I Capital Fund	800	0	0	0	0	0	0	0	800
<b>Total:</b>	6,248	69	49	50	0	0	0	0	6,416

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

**McCaw Hall Asset Preservation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S0303
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S0303
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	McCaw Hall Capital Reserve
		<b>Location:</b>	321 Mercer St
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This project provides for the implementation of the McCaw Hall Capital Renewal/Asset Preservation Plan under the direction of the McCaw Hall Operating Board. The plan identifies asset preservation investments in the facility. Funding comes from the City and from the two resident tenants of McCaw Hall, Seattle Opera and Pacific Northwest Ballet.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Energy Rebates	3	0	0	0	0	0	0	0	3
Real Estate Excise Tax I	1,108	1,172	290	299	308	317	327	337	4,158
Private Funding/Donations	1,190	1,172	290	299	308	317	327	337	4,240
Property Sales and Interest Earnings-2	69	10	54	16	16	16	17	17	215
Real Estate Excise Tax I	300	0	0	0	0	0	0	0	300
<b>Total:</b>	2,670	2,354	634	614	632	650	671	691	8,916

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
McCaw Hall Capital Reserve	2,370	2,354	634	614	632	650	671	691	8,616
REET I Capital Fund	300	0	0	0	0	0	0	0	300
<b>Total:</b>	2,670	2,354	634	614	632	650	671	691	8,916

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
McCaw Hall Capital Reserve	2,370	586	1,435	830	832	850	870	843	8,616
REET I Capital Fund	300	0	0	0	0	0	0	0	300
<b>Total:</b>	2,670	586	1,435	830	832	850	870	843	8,916

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

**Monorail Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S9403
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S9403
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Monorail Rehabilitation
		<b>Location:</b>	Seattle Center Monorail System
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This project provides for the renovation of the Seattle Center Monorail, including the two trains, the two stations and the guideways that run in between. The City operates the Monorail through its contractor, Seattle Monorail Services. Monorail improvements may include, but are not limited to, door replacement, renovation of pneumatic and electrical systems and other train components, guideway renovation, and station upgrades. 2018 includes funding for ORCA card integration.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Federal Grant Funds	6,788	3,292	0	0	0	0	0	0	10,080
Federal ARRA Funds: FTA Transit Capital Assistance	1,000	0	0	0	0	0	0	0	1,000
Miscellaneous Revenues	1,660	823	0	0	0	0	0	0	2,483
Federal Grant Funds	0	1,124	1,004	1,004	1,004	1,004	1,004	1,004	7,148
Miscellaneous Revenues	0	281	0	0	0	0	0	0	281
Miscellaneous Revenues	0	0	251	251	251	251	251	251	1,506
Interdepartmental Transfer - SDOT	0	500	0	0	0	0	0	0	500
General Obligation Bonds	475	0	0	0	0	0	0	0	475
General Obligation Bonds	4,713	0	0	0	0	0	0	0	4,713
<b>Total:</b>	14,636	6,020	1,255	1,255	1,255	1,255	1,255	1,255	28,186

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	9,448	4,115	0	0	0	0	0	0	13,563
Seattle Center Fund	0	1,905	1,255	1,255	1,255	1,255	1,255	1,255	9,435
2003 LTGO Bond Fund	475	0	0	0	0	0	0	0	475
2007 Multipurpose LTGO Bond Fund	4,713	0	0	0	0	0	0	0	4,713
<b>Total:</b>	14,636	6,020	1,255	1,255	1,255	1,255	1,255	1,255	28,186

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Center

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	9,448	1,684	2,431	0	0	0	0	0	13,563
Seattle Center Fund	0	0	2,885	1,100	1,620	1,320	1,255	1,255	9,435
2003 LTGO Bond Fund	475	0	0	0	0	0	0	0	475
2007 Multipurpose LTGO Bond Fund	4,713	0	0	0	0	0	0	0	4,713
<b>Total:</b>	14,636	1,684	5,316	1,100	1,620	1,320	1,255	1,255	28,186
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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### 2019 - 2024 Proposed Capital Improvement Program

**Municipal Energy Efficiency Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S1003
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This project provides for energy saving facility retrofit projects at Seattle Center. This project results in more energy efficient building systems, reductions in utility use and cost, and other facility efficiency improvements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Obligation Bonds	433	202	0	0	0	0	0	0	635
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
<b>Total:</b>	433	202	0	0	0	0	0	0	635

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2011 Multipurpose LTGO Bond Fund	433	202	0	0	0	0	0	0	635
REET I Capital Fund	0	0	0	0	0	0	0	0	0
<b>Total:</b>	433	202	0	0	0	0	0	0	635

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2011 Multipurpose LTGO Bond Fund	433	202	0	0	0	0	0	0	635
REET I Capital Fund	0	0	0	0	0	0	0	0	0
<b>Total:</b>	433	202	0	0	0	0	0	0	635

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	(35)	(35)	(35)	(35)	(35)	(35)	(210)

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Open Space Restoration and Repair**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S9704
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This ongoing project provides for the renovation, repair and the planning for the future renovation of open spaces, green spaces, hard surfaces, and fountains throughout the 74-acre Seattle Center campus. Typical improvements may include, but are not limited to, International Fountain mechanical and hard surface renovation, pedestrian and landscape improvements, hard surface repairs in heavily-trafficked areas, lighting upgrades, and tree replacement.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Private Funding/Donations	25	0	0	0	0	0	0	0	25
Property Sales and Interest Earnings-2	1,977	0	0	0	0	0	0	0	1,977
Property Sales and Interest Earnings-2	1,215	0	0	0	0	0	0	0	1,215
General Obligation Bonds	1,175	0	0	0	0	0	0	0	1,175
Real Estate Excise Tax I	4,272	1,709	450	900	1,725	820	587	905	11,368
<b>Total:</b>	8,664	1,709	450	900	1,725	820	587	905	15,760

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	2,002	0	0	0	0	0	0	0	2,002
Seattle Center Capital Reserve Subfund	1,215	0	0	0	0	0	0	0	1,215
2002 LTGO Bond Fund	1,175	0	0	0	0	0	0	0	1,175
REET I Capital Fund	4,272	1,709	450	900	1,725	820	587	905	11,368
<b>Total:</b>	8,664	1,709	450	900	1,725	820	587	905	15,760

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	2,002	0	0	0	0	0	0	0	2,002
Seattle Center Capital Reserve Subfund	1,215	0	0	0	0	0	0	0	1,215
2002 LTGO Bond Fund	1,175	0	0	0	0	0	0	0	1,175
REET I Capital Fund	4,272	305	800	1,850	1,725	924	587	905	11,368
<b>Total:</b>	8,664	305	800	1,850	1,725	924	587	905	15,760
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



**Parking Repairs and Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S0301
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This ongoing project provides for the repair and improvement of Seattle Center's parking facilities. Typical improvements may include, but are not limited to, seismic upgrades, concrete repairs, garage resealing, elevator renovation and repair, signage and lighting improvements, installation of emergency phones, and installation of electronic parking access and revenue control systems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Property Sales and Interest Earnings-2	160	0	0	0	0	0	0	0	160
Property Sales and Interest Earnings-2	800	0	0	0	0	0	0	0	800
Real Estate Excise Tax I	1,233	1,170	6,500	2,400	0	500	400	550	12,753
<b>Total:</b>	2,193	1,170	6,500	2,400	0	500	400	550	13,713

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	160	0	0	0	0	0	0	0	160
Seattle Center Capital Reserve Subfund	800	0	0	0	0	0	0	0	800
REET I Capital Fund	1,233	1,170	6,500	2,400	0	500	400	550	12,753
<b>Total:</b>	2,193	1,170	6,500	2,400	0	500	400	550	13,713

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	160	0	0	0	0	0	0	0	160
Seattle Center Capital Reserve Subfund	800	0	0	0	0	0	0	0	800

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	1,233	685	5,500	3,400	485	500	400	550	12,753
<b>Total:</b>	2,193	685	5,500	3,400	485	500	400	550	13,713
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

**Preliminary Engineering and Planning**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S9706
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This ongoing project provides for the development of scopes of work, concept plans, design alternatives, and cost estimates for Seattle Center capital projects. Typical planning work includes, but is not limited to, pre-design and analysis of project alternatives, planning for property sales, conceptual design and financial analysis of capital improvement options in conjunction with development of, and revisions to, the Seattle Center Century 21 Master Plan, and facility condition assessments.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Property Sales and Interest Earnings-2	557	0	0	0	0	0	0	0	557
Real Estate Excise Tax I	1,269	731	0	125	125	125	125	125	2,625
<b>Total:</b>	1,826	731	0	125	125	125	125	125	3,182

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	557	0	0	0	0	0	0	0	557
REET I Capital Fund	1,269	731	0	125	125	125	125	125	2,625
<b>Total:</b>	1,826	731	0	125	125	125	125	125	3,182

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	557	0	0	0	0	0	0	0	557
REET I Capital Fund	1,269	303	250	250	178	125	125	125	2,625
<b>Total:</b>	1,826	303	250	250	178	125	125	125	3,182

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

**Public Gathering Space Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S9902
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This ongoing project provides for major maintenance and improvements to meeting rooms, exhibition spaces, and other indoor and outdoor public assembly and gathering spaces at Seattle Center.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Private Funding/Donations	0	1,846	0	0	0	0	0	0	1,846
Private Funding/Donations	60	0	0	0	0	0	0	0	60
Property Sales and Interest Earnings-2	1,515	136	100	100	100	100	100	100	2,251
Property Sales and Interest Earnings-2	1,280	0	0	0	0	0	0	0	1,280
General Obligation Bonds	140	0	0	0	0	0	0	0	140
Real Estate Excise Tax I	2,968	956	100	0	350	603	614	632	6,223
<b>Total:</b>	5,963	2,938	200	100	450	703	714	732	11,800

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	0	1,846	0	0	0	0	0	0	1,846
Cumulative Reserve Subfund - Unrestricted Subaccount	1,575	136	100	100	100	100	100	100	2,311
Seattle Center Capital Reserve Subfund	1,280	0	0	0	0	0	0	0	1,280
2002 LTGO Bond Fund	140	0	0	0	0	0	0	0	140
REET I Capital Fund	2,968	956	100	0	350	603	614	632	6,223
<b>Total:</b>	5,963	2,938	200	100	450	703	714	732	11,800

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	0	1,780	66	0	0	0	0	0	1,846

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,575	90	125	121	100	100	100	100	2,311
Seattle Center Capital Reserve Subfund	1,280	0	0	0	0	0	0	0	1,280
2002 LTGO Bond Fund	140	0	0	0	0	0	0	0	140
REET I Capital Fund	2,968	342	450	264	350	603	614	632	6,223
<b>Total:</b>	5,963	2,212	641	385	450	703	714	732	11,800
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

**Roof/Structural Replacement and Repair**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S9701
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This project provides for roof and building envelope repair and replacement, and structural and seismic analysis and repairs throughout the Seattle Center campus. Typical improvements may include, but are not limited to, roof replacement, exterior wall re-cladding and repairs, repair and replacement of rooftop mechanical equipment, seismic studies, and seismic retrofits.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Property Sales and Interest Earnings-2	1,154	0	0	0	0	0	0	0	1,154
General Obligation Bonds	450	0	0	0	0	0	0	0	450
General Obligation Bonds	6,330	0	0	0	0	0	0	0	6,330
Real Estate Excise Tax I	758	758	0	3,445	2,141	540	1,550	574	9,766
<b>Total:</b>	8,692	758	0	3,445	2,141	540	1,550	574	17,700

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,154	0	0	0	0	0	0	0	1,154
2002 LTGO Bond Fund	450	0	0	0	0	0	0	0	450
2003 LTGO Bond Fund	6,330	0	0	0	0	0	0	0	6,330
REET I Capital Fund	758	758	0	3,445	2,141	540	1,550	574	9,766
<b>Total:</b>	8,692	758	0	3,445	2,141	540	1,550	574	17,700

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,154	0	0	0	0	0	0	0	1,154
2002 LTGO Bond Fund	450	0	0	0	0	0	0	0	450

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2003 LTGO Bond Fund	6,330	0	0	0	0	0	0	0	6,330
REET I Capital Fund	758	60	350	3,793	2,141	540	1,550	574	9,766
<b>Total:</b>	8,692	60	350	3,793	2,141	540	1,550	574	17,700
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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**2019 - 2024 Proposed Capital Improvement Program**



**Seattle Center Long Range Investment Plan**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S0703
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the development and implementation of the Seattle Center Century 21 Master Plan. Work includes, but is not limited to, working with stakeholder groups and consultant teams to identify development alternatives, holding public meetings, developing concept plans, carrying out environmental review and other studies, real estate analysis, developing public and private partnerships, recommending packages of improvements to elected officials, and updating the Master Plan as needed.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Key Arena Settlement Subfund Revenue	270	0	0	0	0	0	0	0	270
Seattle Center Fund	0	0	0	0	0	0	0	0	0
Seattle Center Fund	0	0	258	0	0	0	0	0	258
Property Sales and Interest Earnings-2	1,894	0	0	0	0	0	0	0	1,894
Seattle Center Fund	224	661	0	0	0	0	0	0	885
Seattle Center Fund	0	750	0	0	0	0	0	0	750
<b>Total:</b>	<b>2,388</b>	<b>1,411</b>	<b>258</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,057</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
KeyArena Settlement Proceeds Fund	270	0	0	0	0	0	0	0	270
Seattle Center Fund	0	0	258	0	0	0	0	0	258
Seattle Center Capital Reserve Subfund	2,118	661	0	0	0	0	0	0	2,779
KeyArena Fund	0	750	0	0	0	0	0	0	750
<b>Total:</b>	<b>2,388</b>	<b>1,411</b>	<b>258</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,057</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
KeyArena Settlement Proceeds Fund	270	0	0	0	0	0	0	0	270
Seattle Center Fund	0	0	467	541	0	0	0	0	1,008
Seattle Center Capital Reserve Subfund	2,118	496	165	0	0	0	0	0	2,779
KeyArena Fund	0	0	0	0	0	0	0	0	0
<b>Total:</b>	<b>2,388</b>	<b>496</b>	<b>632</b>	<b>541</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,057</b>
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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**2019 - 2024 Proposed Capital Improvement Program**

**Site Signage**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S9118
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This ongoing project funds replacement and renovation of wayfinding, event, building and informational signage throughout the Seattle Center campus. Improvements may include, but are not limited to, repair, replacement and upgrades to exterior readerboards and other signage, and development of a digital media network of electronic signage throughout the campus.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Property Sales and Interest Earnings-2	485	0	0	0	0	0	0	0	485
Seattle Voter-Approved Levy	606	0	0	0	0	0	0	0	606
Property Sales and Interest Earnings-2	1,900	0	0	0	0	0	0	0	1,900
Real Estate Excise Tax I	144	547	0	0	125	125	125	125	1,191
<b>Total:</b>	<b>3,135</b>	<b>547</b>	<b>0</b>	<b>0</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>4,182</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	485	0	0	0	0	0	0	0	485
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed)	606	0	0	0	0	0	0	0	606
Seattle Center Capital Reserve Subfund	1,900	0	0	0	0	0	0	0	1,900
REET I Capital Fund	144	547	0	0	125	125	125	125	1,191
<b>Total:</b>	<b>3,135</b>	<b>547</b>	<b>0</b>	<b>0</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>4,182</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	485	0	0	0	0	0	0	0	485
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed)	606	0	0	0	0	0	0	0	606
Seattle Center Capital Reserve Subfund	1,900	0	0	0	0	0	0	0	1,900
REET I Capital Fund	144	30	125	392	125	125	125	125	1,191
<b>Total:</b>	<b>3,135</b>	<b>30</b>	<b>125</b>	<b>392</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>125</b>	<b>4,182</b>
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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### 2019 - 2024 Proposed Capital Improvement Program

**Theatre Improvements and Repairs**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S9604
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This ongoing project funds improvements to the various theater spaces and facilities on the Seattle Center campus. Typical improvements may include, but are not limited to, fire safety, mechanical, structural, sound, staging, dressing room, building envelope and lobby improvements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Property Sales and Interest Earnings-2	1,595	24	0	0	0	0	0	0	1,619
General Obligation Bonds	1,130	0	0	0	0	0	0	0	1,130
Real Estate Excise Tax I	1,054	39	0	0	0	0	100	100	1,293
<b>Total:</b>	<b>3,779</b>	<b>63</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>100</b>	<b>4,042</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,595	24	0	0	0	0	0	0	1,619
2002 LTGO Bond Fund	1,130	0	0	0	0	0	0	0	1,130
REET I Capital Fund	1,054	39	0	0	0	0	100	100	1,293
<b>Total:</b>	<b>3,779</b>	<b>63</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>100</b>	<b>4,042</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,595	11	13	0	0	0	0	0	1,619
2002 LTGO Bond Fund	1,130	0	0	0	0	0	0	0	1,130
REET I Capital Fund	1,054	10	29	0	0	0	100	100	1,293
<b>Total:</b>	<b>3,779</b>	<b>21</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>100</b>	<b>4,042</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2019 - 2024 Proposed Capital Improvement Program**

**Utility Infrastructure Master Plan & Repairs**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S0101
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This ongoing project funds the repair and renovation of utility infrastructure at Seattle Center. Utility infrastructure includes chilled water and steam lines, electrical equipment, communication lines, fire alarms, and other systems. Typical improvements may include, but are not limited to, repair and replacement of underground piping for steam, chilled water and condensate lines; efficiency upgrades to the Center’s chilled water loop; HVAC system renovation; replacement of water and fire mains; connectivity improvements; and electrical infrastructure upgrades.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Obligation Bonds	1,151	0	0	0	0	0	0	0	1,151
General Obligation Bonds	238	0	0	0	0	0	0	0	238
Real Estate Excise Tax I	4,860	1,506	705	640	713	1,231	751	874	11,280
<b>Total:</b>	6,249	1,506	705	640	713	1,231	751	874	12,669

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2002 LTGO Bond Fund	1,151	0	0	0	0	0	0	0	1,151
2003 LTGO Bond Fund	238	0	0	0	0	0	0	0	238
REET I Capital Fund	4,860	1,506	705	640	713	1,231	751	874	11,280
<b>Total:</b>	6,249	1,506	705	640	713	1,231	751	874	12,669

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2002 LTGO Bond Fund	1,151	0	0	0	0	0	0	0	1,151
2003 LTGO Bond Fund	238	0	0	0	0	0	0	0	238
REET I Capital Fund	4,860	640	1,138	857	929	1,231	751	874	11,280
<b>Total:</b>	6,249	640	1,138	857	929	1,231	751	874	12,669

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**



**Waste/Recycle Center, Warehouse and Shops Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SC-S9801
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SC-S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Building & Campus Improvements
		<b>Location:</b>	Seattle Center Campus
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Uptown

This ongoing project provides for renovation, repairs, and improvements to Seattle Center's shops and warehouse areas, waste disposal and recycling infrastructure, and staff working areas. Typical improvements include, but are not limited to, electrical upgrades, fire alarm upgrades, window replacement, and safety improvements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	295	0	0	0	0	0	0	0	295
<b>Total:</b>	295	0	0	0	0	0	0	0	295

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	295	0	0	0	0	0	0	0	295
<b>Total:</b>	295	0	0	0	0	0	0	0	295

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	295	0	0	0	0	0	0	0	295
<b>Total:</b>	295	0	0	0	0	0	0	0	295

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



# Seattle Public Library



## Overview

The Seattle Public Library's facilities include 26 branch libraries and the Central Library, as well as leased storage and shops space. In 2008, the Library completed the final building projects of a system-wide capital program, known as "Libraries for All" (LFA). The subsequent 2012 Library Levy provided an essential funding stream to maintain the five new and 22 updated libraries that had been renovated, expanded or replaced during LFA. The LFA program increased the amount of physical space by 80% to a total of over 600,000 square feet, greatly increasing the demands on the Library's major maintenance program.

The Library's buildings can be divided into four major categories:

1. There are ten buildings designated as historic landmarks, including seven Carnegie-era libraries (built in the early 1900s) and three modern buildings.
2. Eleven branch libraries are either LFA new construction (eight buildings) or non-landmarked buildings developed between the 1950s and the 1970s (three buildings).
3. Five small library branches are essentially storefronts, four of which are part of larger buildings.
4. The Central Library is a 12-story 363,000 square foot building that serves as headquarters and hub of the library system. It houses the materials distribution system, Library administration, a 425-seat auditorium and public meeting rooms, large public areas for reading and access to 330 public computers, a data center housing system-wide servers, and the Central Library collection of books and materials.

The Library Major Maintenance program provides ongoing funding for work that preserves or improves building integrity, efficiency and functionality.

## Thematic Priorities

The Library's Capital Improvement Program (CIP) projects generally fall into one or more categories: asset preservation, operational efficiency, environmental stability, public service improvements, and safety and security.

### Asset Preservation

The overriding priority of the Library's capital program is extending the useful life of its buildings as long as possible. Roughly \$300,000 of the Library's total proposed 2019 CIP can be predominantly classified as asset preservation work. As the Library's buildings have all surpassed the ten-year mark since LFA, they require attention to flooring, casework, finishes and restroom fixtures. Major repairs and replacement to roofs, building envelopes, HVAC and other critical building systems, doors, windows, flooring and casework are also examples of asset preservation items funded through the Library's CIP budget. A varying combination of roof, building envelope and window planning and/or restoration is scheduled at Queen Anne, Columbia, West Seattle and Green Lake, contingent upon which projects begin in late 2018.

Library Operational Efficiency; Environmental Sustainability; Safety and Security of Public/Staff

The Library delivers direct services to Seattle residents, who expect highly functional and welcoming library buildings. Major maintenance work carried out under these priorities supports:

- upgrades to help the Library reduce operating costs while minimizing impact to the public;
- renovations to enhance the environmental sustainability of Library buildings; and
- repairs and improvements that augment the safety of library facilities (immediate safety concerns and building integrity are highest priority).

The Central Library is nearly 15 years old; its mechanical, electrical and plumbing (MEP) systems require much more attention. While the building appears to be running well on the surface, it is in a phase where deficiencies and omissions manifest themselves as emergent challenges to operations or as emergencies. To address those concerns, the Library engaged a commissioning consultant that undertook inspections and assessments. Identified improvements, corrective work and repairs were completed mid-2017. The cost of this effort was significant, but updated building systems with increased reliability have created the opportunity for energy and operational savings.

Now that Central Library's Recommissioning project has concluded, the focus has turned to Library branches. Nearly \$250,000 is budgeted in 2019 for upgrading/replacing multiple building systems (HVAC, mechanical, electrical, plumbing) at multiple branches, with emphasis on landmarked branches. While these projects generally fall under the "operational efficiency and sustainability" theme, they are essential for preserving the Library's physical assets and also contribute to the environmental sustainability of Library buildings.

### Public Service Improvements

This theme primarily encompasses the Library's "Reimagining Spaces" service priority, which involves efforts to better tailor services to neighborhood needs and trends in how people access and use information. In 2018, the Library completed a significant Reimagining project at Lake City. Over \$1 million is budgeted for 2019 projects that are predominantly public service improvements. The Reimagining project at the South Park branch is scheduled for early 2019. Beyond 2019, Reimagining projects will depend upon availability of REET revenue. This category also includes other public service improvements such as restroom Improvements; transforming children's area family restrooms at Central, Ballard and Capitol Hill to all-gender restrooms with ADA upgrades; and auditorium and Level 4 meeting room updates in acoustics, audio visual and lighting. While these projects mostly fall under the "public service improvements" category, they also contribute to other thematic priorities such as asset preservation, building safety and code/regulatory requirements.

### **Project Selection Criteria**

In selecting major maintenance work to accomplish each year, the Library evaluates the preservation of building integrity, impact on safety to the public and staff, importance of the work to core library building functions, operational efficiency gains (both economic and environmental), and opportunities to improve or preserve service to the public.

The Library conducts condition assessments and updates information based on inspection by the capital program manager and facilities maintenance staff. The Library obtains professional evaluations of roofs,

mechanical, HVAC and lighting systems to flag deficiencies and identify areas where the capital program may be able to reduce operating costs. Library public services managers develop proposals to change the functional use of library space. These proposals are evaluated for feasibility, cost and urgency, and the capital program works with Library services managers to scope alternatives. Public input also plays a role in project planning. The Library leadership team has ultimate responsibility for authorizing and prioritizing functional building modifications.

Many library facilities are open seven days per week, which requires careful planning and staging of projects to keep libraries open as much as possible while capital improvement work is underway. Flexibility is critical to respond to building issues as they emerge.

### CIP Highlights

The first year of the Library's 2019-2024 CIP provides a base level of support for asset management during the period when all buildings have surpassed the ten-year mark from their LFA construction or renovation. The Library Levy provides \$2.7 million of the \$3.2 million proposed in 2019, which is the current levy's final year. Planning has begun for Library Levy renewal; however, to maintain conservative projections, Levy renewal is not assumed for the final five years of the 2019-2024 CIP. The Library's 2020-2024 major maintenance program will be severely reduced without either renewed levy support or another source of funding.

As 2019 is the last year of the current levy, fewer projects are beginning in 2019 while several projects are either continuing or concluding at both the Central Library and the branches. Some projects were pushed back from 2018 due to other projects requiring additional staff time and resources. Multi-year projects at branches that may carry over from 2018 into 2019 include varying degrees of building envelope and window restoration at three century-old Carnegie branches (Queen Anne, Columbia, West Seattle); major HVAC work (split system replacement to upgrade IT room cooling) at multiple branches; exterior work and access improvements at several Carnegie-era branches; and transforming the Ballard and Capitol Hill children's area family restrooms to all-gender restrooms with ADA upgrades.

The iconic Central Library often requires a significant portion of CIP funds, usually distributed over multi-year projects. Larger, complex and challenging projects such as flooring upgrades and restroom additions, both on Level 3, were planned and staged sequentially to minimize the impact on Library services to patrons. Flooring work was necessary to strengthen the raised flooring pedestal supports to accommodate a high-access lift to assess both the fire suppression system and the interior curtain wall. The multi-year flooring and restroom projects were completed in 2018; planning can now proceed with interior curtain wall assessment/maintenance, which will likely continue into 2019. Additional projects planned for 2018 that may carry into 2019 include security and storage improvements on Level 10 for the Seattle Room/Special Collections; transforming the children's area family restrooms to all-gender restrooms with ADA upgrades; auditorium and Level 4 meeting room acoustics, audio visual and lighting updates; and upgrades to the staff elevator and security camera upgrades throughout the building.

Real Estate Excise Tax (REET) revenue plays a vital role in supporting projects that are beyond the scope of the Library's Levy-funded major maintenance program. REET will fund the following capital efforts in 2019:

- \$562,000 will support the Library's "Reimagining Spaces" efforts, to modify Library spaces and better address patron and community uses of libraries. Potential sites are still being determined.

- A prior year carryforward allocation of \$500,000 to fund the assessment of the Central Library's interior glass and steel curtain wall.

### CIP Revenue Sources

Historically, Real Estate Excise Tax (REET) was the primary source of funding for the Library's CIP, with an additional smaller allocation from the General Fund. In 2012, the Library worked with the Mayor and City Council to develop a Library Levy proposal that voters approved in August of that year. One of the core areas the levy funds is major maintenance. Upon passage of the Library Levy, the City shifted most routine major maintenance funding from REET/General Fund to the levy. The levy also provided a significant increase in funding for major maintenance – maintenance funding went from \$1.2 million in 2012 to \$3.2 million in 2013 (of which the levy provided \$2.8 million).

Major maintenance funding afforded by the Library Levy provides for a responsible level of baseline asset preservation; it fills significant gaps in routine and major maintenance budgets in time to avoid or slow the effects of wear and tear. However, levy funding is insufficient to fully cover substantial costs associated with programmatically-driven or reimagining projects, significant building infrastructure renovations, or replacement of major building systems at the Central Library and larger branches. Since passage of 2012 Levy, Real Estate Excise Tax revenue has continued to provide additional funding for targeted efforts, such as the Library's Reimagining Spaces initiative — which aims to enhance Library physical spaces to better address patron and community needs — or large-scale major maintenance requirements not anticipated during the planning of the levy. Additional financial support has been, and will continue to be, crucial to the Library's ability to address major systems replacement and adapt libraries to the public's changing needs and uses during the life of the levy and beyond.

### Summary of Upcoming Budget Issues and Challenges

#### Levy Renewal

The current Library Levy will conclude at the end of 2019, the first year of the current six-year proposed CIP. The Levy legislation was written to convey the City's ongoing support for the Library's efforts to preserve its capital investments, stating "...it is the intent of the City Council and Mayor to continue to provide General Fund and REET support to the Library at 2012 service levels, adjusted proportionately based on increases or decreases to such support for comparable City departments." The 2012 Library Levy provides critical resources that have supported a responsible capital program and preserve welcoming Library spaces throughout the city. The Library continues to be grateful for the opportunity to avoid deferred maintenance, keeping these community hubs in excellent condition.

In preparing the 2012 levy for the ballot, the Library formulated a seven-year asset management plan to guide the capital element of the levy proposal; it is in the midst of a similar effort for levy renewal during the 2019 election cycle. The Library's Administrative Services Director, CIP Program Manager, Facilities & Security Manager, Capital Finance Manager and Levy Administrator are in the process of assessing the condition of the Central Library and the system's 26 branches, identifying outstanding issues and modeling future infrastructure projects/costs to include in the levy renewal package.

#### Aging Buildings and Infrastructure

Library buildings are the most intensively-used City facilities in Seattle. The Central Library hosts over 1.4 million visitors annually, and library branches serving over 3.8 million visitors. The Library's historic



landmark buildings have unique features such as brick facades, slate roofs and other details. It is important to use designs and materials consistent with their landmark status – all factors that increase major maintenance costs. The Central Library poses a different set of challenges. A building of its size, complexity and intensity of use requires significant annual major maintenance to preserve core functionality and continually improve building efficiency. All of these factors were considered in establishing the major maintenance component of the Library Levy.

The LFA improvement projects were completed on a rolling basis over the course of a decade starting in the late 1990s, and a decade has passed since the last LFA project was completed in 2007. The Library developed a projection of annual asset preservation requirements by focusing on the year in which each building reaches the 10-year mark from its LFA construction or expansion/renovation, and is in the process of updating the prospective schedule of major maintenance. Typically, 10 to 15 years after new construction or major renovation is a critical milestone for renewal of mechanical systems, building envelopes/roofs, and interiors. The Library is assessing the status of many of its systems at this point and will replace, repair or upgrade components as warranted.

### **Future Projects / What is on the Horizon**

#### Reimagining Spaces

The Library is also adapting to a rapidly changing information environment, where patrons are increasingly using the Library in new ways and accessing content digitally. Funding is vital for strategic, transformational improvements to Library facilities beyond baseline asset preservation. These strategic improvements will modify physical Library space with a threefold goal:

- support learning experiences and programs for patrons, rather than serving as a location where a patron completes a transaction;
- provide that experience in more flexible, adaptable spaces, responsive to service, patron, and demographic changes; and
- in those spaces, reflect the expressed needs of our individual neighborhoods and communities, while maintaining The Seattle Public Library qualitative experience.

The next scheduled Reimagining project is the South Park branch; planning and design began in 2018.

The Reimagining Spaces initiative will continue while funding is available and branches remain to receive programmatic renovation. The Library's Programs and Services Division is continuing an assessment of key programs and services, along with the requisite funding changes associated with reimagining targeted branches and the Central Library. Reimagining the Central Library is especially challenging; while reimagining projects can be sequenced, the timing, scale and complexity of the building and heavy public use will require careful logistical and financial planning.

#### Offsite Multi-Use Facility

The Library continues to seek a permanent location for its off-site maintenance shop and storage functions, as well as parking for Library delivery vehicles. The Library has entered the third year of its five-year lease at 6345 6<sup>th</sup> Avenue South; the facility is being used to consolidate the Library's building maintenance, custodial, landscaping and storage facilities in the near-term. While the Library would

prefer to own (rather than lease) such a multi-use facility, this lease provides time for the Library to continue its search for a permanent site with the assistance of the Department of Finance and Administration's Property Management Division. Ideally, a permanent site would allow flexibility to add other services as operational needs evolve. Proceeds from the 2017 sale of the Library's Queen Anne Storage facility, as well as funds from property sales during the Library's "Library's For All" initiative, will be used to partially offset the cost of a new multi-use facility.

# The Seattle Public Library

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>Capital Improvements</b>					<b>BSL/Program Code:</b>			<b>BC-PL-B3000</b>	
<u>Discrete</u>									
Library Multi-Use Facility (MC-PL-B3017)	0	2,855	0	0	0	0	0	0	2,855
<u>Ongoing</u>									
ADA Improvements - Library (MC-PL-B3012)	814	241	0	0	0	0	0	0	1,055
Central Library Infrastructure Improvements (MC-PL-B3013)	1,360	240	0	0	0	0	0	0	1,600
Library Major Maintenance (MC-PL-B3011)	18,859	8,816	3,221	578	593	606	620	633	33,926
<b>Capital Improvements</b>	<b>21,033</b>	<b>12,152</b>	<b>3,221</b>	<b>578</b>	<b>593</b>	<b>606</b>	<b>620</b>	<b>633</b>	<b>39,436</b>
<b>Department Total:</b>	<b>21,033</b>	<b>12,152</b>	<b>3,221</b>	<b>578</b>	<b>593</b>	<b>606</b>	<b>620</b>	<b>633</b>	<b>39,436</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

# The Seattle Public Library

## Fund Summary

Fund Name & Code	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
2012 Library Levy Fund (18100)	13,952	6,183	2,659	0	0	0	0	0	22,794
General Fund (00100)	440	0	0	0	0	0	0	0	440
Library Fund (10410)	0	2,855	0	0	0	0	0	0	2,855
REET I Capital Fund (30010)	6,641	3,114	562	578	593	606	620	633	13,347
<b>Department Total:</b>	<b>21,033</b>	<b>12,152</b>	<b>3,221</b>	<b>578</b>	<b>593</b>	<b>606</b>	<b>620</b>	<b>633</b>	<b>39,436</b>

*\*Amounts in thousands of dollars*

### 2019 - 2024 Proposed Capital Improvement Program

**Library Multi-Use Facility**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-PL-B3017
<b>Start/End Date:</b>	2018-2018	<b>BSL/Program Code:</b>	BC-PL-B3000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Capital Improvements
<b>Current Project Stage:</b>		<b>Location:</b>	TBD
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	TBD
<b>Total Project Cost:</b>	\$2,855	<b>Urban Village:</b>	Not in an Urban Village

One of the Library’s long-term goals has been to consolidate the maintenance shop, storage and vehicle fleet parking at one location to maximize operational efficiencies. Proceeds from property sales during the Libraries for All construction program were reserved in a special fund – the Library Capital Subfund – for this purpose. Revenue from the sale of the Library’s former storage location (Queen Anne Storage) was also designated for this purpose by a Q3 2015 Library Board resolution. The Library Capital Subfund is being converted into this CIP project to allow expenditure of the funds as directed by the Library Board.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Property Sales and Interest Earnings	0	2,855	0	0	0	0	0	0	2,855
<b>Total:</b>	0	2,855	0	0	0	0	0	0	2,855

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Library Fund	0	2,855	0	0	0	0	0	0	2,855
<b>Total:</b>	0	2,855	0	0	0	0	0	0	2,855

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Library Fund	0	2,855	0	0	0	0	0	0	2,855
<b>Total:</b>	0	2,855	0	0	0	0	0	0	2,855

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## The Seattle Public Library

### ADA Improvements - Library

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PL-B3012
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PL-B3000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Capital Improvements
		<b>Location:</b>	Various Locations
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project represents ADA improvements for The Seattle Public Library, and includes work on accessible paths and adjustments to casework, restroom fixtures, and railings.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	814	241	0	0	0	0	0	0	1,055
<b>Total:</b>	814	241	0	0	0	0	0	0	1,055

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	814	241	0	0	0	0	0	0	1,055
<b>Total:</b>	814	241	0	0	0	0	0	0	1,055

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	814	241	0	0	0	0	0	0	1,055
<b>Total:</b>	814	241	0	0	0	0	0	0	1,055

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

**Central Library Infrastructure Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PL-B3013
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PL-B3000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Capital Improvements
		<b>Location:</b>	Various Locations
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project provides for improved infrastructure at the 363,000 square foot Central Library. Central requires substantial infrastructure work to achieve operational efficiency and set the stage for its eventual programmatic re-imagining. Changes to Central also require additional lead time for planning and design, due both to its unique physical configuration/infrastructure and iconic architectural status. Typical improvements may include, but are not limited to, structural and mechanical repairs or improvements, safety and security upgrades, lighting and signage enhancements, and wall and floor surface repairs.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	1,360	240	0	0	0	0	0	0	1,600
<b>Total:</b>	1,360	240	0	0	0	0	0	0	1,600

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	1,360	240	0	0	0	0	0	0	1,600
<b>Total:</b>	1,360	240	0	0	0	0	0	0	1,600

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	1,360	240	0	0	0	0	0	0	1,600
<b>Total:</b>	1,360	240	0	0	0	0	0	0	1,600

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Library Major Maintenance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-PL-B3011
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-PL-B3000
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Capital Improvements
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides for major maintenance to Library facilities, which include the 363,000 square foot Central Library and 26 branch libraries as well as storage/shops facilities. Typical improvements may include, but are not limited to, structural and mechanical repairs or improvements, safety and security upgrades, lighting and signage improvements, wall and floor surface repairs, landscape and exterior hard surface repairs, and projects that enhance service delivery or facilitate operational cost-savings at our libraries. This project preserves building integrity and improves functionality, and provides responsible management of the Library's building assets to ensure their long-term operational use. The project was created in 2009 in connection with midyear budget reductions to facilitate efficient asset management.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	440	0	0	0	0	0	0	0	440
Seattle Voter-Approved Levy	13,952	6,183	2,659	0	0	0	0	0	22,794
Real Estate Excise Tax I	4,467	2,633	562	578	593	606	620	633	10,692
<b>Total:</b>	18,859	8,816	3,221	578	593	606	620	633	33,926

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	440	0	0	0	0	0	0	0	440
2012 Library Levy Fund	13,952	6,183	2,659	0	0	0	0	0	22,794
REET I Capital Fund	4,467	2,633	562	578	593	606	620	633	10,692
<b>Total:</b>	18,859	8,816	3,221	578	593	606	620	633	33,926

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	440	0	0	0	0	0	0	0	440
2012 Library Levy Fund	13,952	6,183	2,659	0	0	0	0	0	22,794
REET I Capital Fund	4,467	2,633	562	578	593	606	620	633	10,692
<b>Total:</b>	18,859	8,816	3,221	578	593	606	620	633	33,926

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



# The Seattle Public Library

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## 2019 - 2024 Proposed Capital Improvement Program



# **Seattle Department of Transportation**



### Overview

The Seattle Department of Transportation (SDOT) is responsible for building and maintaining a safe, reliable, efficient and socially equitable transportation network. In addition, SDOT maintains and improves critical transportation infrastructure of regional, statewide and national significance in cooperation with external partners. Achieving transportation excellence helps support businesses, improves access to services and opportunity, enhances quality of life, and build a more sustainable community. This is accomplished by:

- preserving existing transportation infrastructure and using it to its fullest capabilities;
- moving people and goods efficiently and safely, using technology wherever possible to
- overcome transportation challenges;
- making transit, bicycling and walking convenient and attractive and reducing reliance on the automobile;
- shaping future transportation improvements that reflect Seattle's role and connections to the region;
- incorporating environmental excellence and climate protection into every decision, project and program;
- promoting the livability of our neighborhoods and communities;
- guiding investments that contribute to the economic vitality of neighborhood businesses and industries in Seattle and the region; and
- managing resources wisely with performance measures.

The replacement value of the City's transportation infrastructure is estimated to be approximately \$20 billion. Major system assets include:

- 1,548 lane-miles of arterial streets;
- 2,396 lane-miles of non-arterial streets;
- 118 bridges;
- 497 stairways;
- 593 retaining walls;
- 22 miles of seawalls;
- 1,098 signalized intersections;
- 41.1 miles of multi-purpose trails;
- 356 miles of on-street bicycle facilities;
- more than 189,000 signs;
- 40,000 street trees;
- 1,602 pay stations;
- 2,323 miles of sidewalks; and
- 30,534 curb ramps.

The 2019-2020 Proposed Budget and the 2019-2024 Proposed Capital Improvement Program (CIP) emphasize transportation safety, efficient mobility of goods, and mobility for people of all ages and abilities. The City is experiencing significant population growth and increasing density; to address these changes, the proposed CIP includes investments to move people and goods efficiently. Specifically, these investments include making existing transit more efficient through our RapidRide corridor development program, supporting freight movement with the S. Lander St. Grade Separation project, implementing a more responsive permitting system and completing regional projects such as

## Seattle Department of Transportation

the Seawall and Waterfront. These projects, combined with privately-funded development and state projects such as the Washington State Convention Center expansion and the removal of the Alaskan Way Viaduct, are leading to an unprecedented level of construction and congestion in downtown Seattle during 2018-2021.

The 2019-2024 Proposed CIP reflects a modified spending plan for the Move Seattle Levy (which was approved by voters in November 2015). As project scopes are defined and grant opportunities arise, the schedules and funding plans of the projects in the Move Seattle Levy will be modified to accommodate the changes. A table summarizing the Move Seattle investments (both operating and capital) is in the Seattle Department of Transportation section of the 2019-2020 Proposed Budget.

The budget and CIP outline investments in critical transportation infrastructure needs and include planned spending of more than \$1.9 billion during 2019-2024. Key work includes:

- street paving and resurfacing;
- building new sidewalks and curb ramps;
- school safety improvements;
- implementation of the Bike and Transit Master Plans;
- investments to facilitate freight mobility;
- traffic cameras and signals; bridge projects; and
- support for the Seawall and Waterfront Program.

For details, please see the associated explanations below.

***Street Paving and Resurfacing:*** The proposed CIP includes funding for the following projects:

- \$5,765,000 in 2019; \$6,280,000 in 2020 for Arterial Major Maintenance;
- \$34,733,000 in 2019; \$28,835,885 in 2020 for Arterial Asphalt & Concrete Program Phase II; and
- \$1,771,000 in 2019; \$1,797,000 for Non-Arterial Street Resurfacing and Restoration.

In 2019, the Arterial Asphalt & Concrete Program Phase II (AAC) will issue new contracts for approximately 33 lane-miles of major paving on Greenwood Ave N, NW Market St (in partnership with the Burke-Gilman Trail), 15<sup>th</sup> Ave NE, N/NE 40<sup>th</sup> St, N/NE 50<sup>th</sup> St and Stone Way N, SW Avalon Way and 35<sup>th</sup> Ave SW, NE Pacific St, and Green Lake Way N and N 80<sup>th</sup> St.

In addition to the major contract paving, SDOT crews will undertake approximately six lane-miles of paving on Arterial Major Maintenance (AMM) and another three lane-miles on Non-Arterial Street Resurfacing and Restoration (NASRR).

***Pedestrian Master Plan Investments:*** The 2019-2024 Proposed CIP includes five projects that advance the Pedestrian Master Plan recommendations.

- The Pedestrian Master Plan - New Sidewalks Project includes \$15.97 million in 2019 to design and construct new sidewalks. Of the total, \$6.8 million in 2019 is funded by ticket revenue generated from fixed automated cameras located near school zones, and red-light cameras. These funds will be

## Seattle Department of Transportation

used to construct sidewalks within Seattle Public Schools walk zones. The remaining funding is eligible for use anywhere in Seattle.

- The Pedestrian Master Plan – School Safety Project emphasizes pedestrian improvements in school zones and is partially funded by the School Safety Traffic and Pedestrian Improvement Fund (SSTPIF). This fund was created to fund school safety infrastructure improvements, school zone camera installation and operation, school zone warning beacon maintenance, school safety program administration, and safety education. The proposed CIP includes \$2.8 million in 2019 for capital improvements dedicated to school zones. These capital improvements may include school zone signing, crosswalk maintenance, curb bulb and curb ramp replacement and maintenance, sidewalk maintenance, and changes to traffic circulation around schools. The Pedestrian Master Plan – Stairway Rehabilitation program totals \$1.4 million from various local funding sources. The program rebuilds and/or rehabilitates stairways to the latest standards, adding proper width, step height, grip rail, landings, and other features required by the Americans with Disabilities Act.
- The Pedestrian Master Plan – Crossing Improvements Project funds pedestrian crossing improvements. The proposed CIP includes \$3.7 million in 2019 for this project.
- The new SDOT ADA Program includes \$8.43 million of local funding. The program delivers curb ramps and accessible pedestrian signals.

The table below shows a summary of the Pedestrian Master Plan investments:

<b>Pedestrian Master Plan Projects</b>	<b>2019</b>	<b>2020</b>
Pedestrian Master Plan - Crossing Improvements	\$3,692,929	\$3,091,423
Pedestrian Master Plan - New Sidewalks	15,971,059	5,033,956
Pedestrian Master Plan - School Safety	2,778,335	2,539,665
Pedestrian Master Plan - Stairway Rehabilitation	1,358,970	1,408,588
SDOT ADA Program	8,430,000	6,840,000
<b>Total</b>	<b>\$32,231,293</b>	<b>\$18,913,632</b>

**Bicycle Master Plan Investments:** The Bicycle Master Plan investments in the proposed CIP include \$15.2 million for implementation in 2019. The 2019 projects are intended to support the Bicycle Master Plan goals of safety, connectivity, ridership, equity, and livability. Typical project types include neighborhood greenways, protected bicycle lanes, other types of bicycle lanes, trail improvements, and bicycle parking, as well as spot improvements and programs that promote safety and encourage riding. In 2018, the Bike Master Plan Implementation Program was split into three programs for clarity: Bike Master Plan – Greenways, Bike Master Plan – Spot Improvements and Bike Master Plan – Protected Bike Lanes. Of the \$15.2 million Bike Master Plan budget, \$4.9 million is allocated for neighborhood greenways; \$1.1 million is allocated for spot improvements and \$9.2 million is allocated for protected bike lanes. In the Greenways budget, \$550,000 is earmarked for pedestrian lighting in the Chinatown/International District (CID).

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The table below shows a summary of the Bicycle Master Plan investments:

<b>Bike Master Plan Projects</b>	<b>2019</b>	<b>2020</b>
Bike Master Plan - Greenways	\$4,919,802	\$4,395,480
Bike Master Plan - Protected Bike Lanes	9,169,196	6,886,565
Bike Master Plan - Urban Trails & Bikeways	1,100,000	1,200,000
<b>Total</b>	<b>\$15,188,998</b>	<b>\$12,482,045</b>

The table below shows projects that support both the Bike and Pedestrian Master Plans:

<b>Projects that support the Bike &amp; Pedestrian Master Plan</b>	<b>2019</b>	<b>2020</b>
23rd Avenue Corridor Improvements	6,941,291	3,985,600
Accessible Mt. Baker Implementation	1,004,432	
Burke-Gilman Trail Extension	6,480,833	1,200,000
Delridge Multimodal Corridor	1,730,587	6,740,000
Fauntleroy Way SW Boulevard	1,735,000	940,000
Heavy Haul Corridor	875,000	3,171,290
Madison Street Bus Rapid Transit	6,867,910	451,002
Market / 45th Multimodal Corridor	450,000	1,500,000
NE 43rd Street Improvements		94,000
Neighborhood Large Projects	2,935,064	1,800,000
Neighborhood Parks Street Fund - Your Voice, Your Choice	1,767,000	331,000
Northgate Bridge and Cycle Track	19,043,858	15,116,805
Overlook Walk and East-West Connections Project	4,985,000	13,728,000
Rainier / Jackson Multimodal Corridor	2,750,000	2,425,000
Roosevelt Multimodal Corridor	1,565,000	2,589,204
Route 40 Northgate to Downtown Transit Improvements	1,000,000	1,500,000
S Lander St. Grade Separation	35,052,051	29,099,021
Sidewalk Safety Repair	5,692,000	3,765,648
SPU Drainage Partnership - Broadview Ped Improvements	1,500,000	3,100,000
Transit Corridor Improvements	3,823,000	3,846,000
Vision Zero	4,556,768	3,001,896
<b>Grand Total</b>	<b>110,754,794</b>	<b>98,384,466</b>

### ***Transit Projects:***

The 2019 Proposed CIP contains several large capital projects including the Madison Street Bus Rapid Transit and RapidRide Roosevelt and Multimodal Corridor. Both projects are in the Federal Transit Administration's Small Starts program. The Madison BRT and RapidRide Roosevelt projects are two of seven BRT projects in the Move Seattle Levy. In 2019, Madison BRT, RapidRide Roosevelt and Multimodal Corridor, RapidRide H line and Delridge Multimodal Corridor, Rainier Transit Speed and Reliability Corridor, Fremont Transit Speed and Reliability Corridor, and Market Transit Speed and Reliability Corridor will be proceeding through design. In addition to large capital projects, the CIP contains budget for more than a dozen transit spot improvements throughout Seattle. These small capital projects will improve transit speed and reliability on buses across Seattle.



## Seattle Department of Transportation

The table below shows a summary of the transit investments:

	<b>2019</b>	<b>2020</b>
23rd Avenue Corridor Improvements	6,941,291	3,985,600
Accessible Mt. Baker Implementation	1,004,432	
BRT Concepts Design	500,000	500,000
Center City Streetcar Connector	24,461,061	85,626,658
Delridge Multimodal Corridor	1,730,587	6,740,000
Fauntleroy Way SW Boulevard	1,735,000	940,000
Lynnwood Link Extension	60,000	60,000
Madison Street Bus Rapid Transit	6,867,910	451,002
Market / 45th Multimodal Corridor	450,000	1,500,000
Rainier / Jackson Multimodal Corridor	2,750,000	2,425,000
Roosevelt Multimodal Corridor	1,565,000	2,589,204
Route 40 Northgate to Downtown Transit Improvements	1,000,000	1,500,000
Route 48 South Electrification	6,096,288	200,000
Sidewalk Safety Repair	5,692,000	3,765,648
Sound Transit - East Link	70,000	70,000
Sound Transit 3	2,339,520	1,610,000
Sound Transit North Link	309,629	252,299
Transit Corridor Improvements	3,823,000	3,846,000
<b>Grand Total</b>	<b>67,395,718</b>	<b>116,061,410</b>

### ***Freight Projects:***

The most significant freight investment in the proposed CIP is the South Lander Street Grade Separation Project which is now in construction. This \$102.5 million project will enhance mobility and safety by building a new grade-separated crossing over the BNSF Railway tracks in SODO. The proposed CIP provides \$38.6 million of City funds (including utility funding) to support this project. The project is expected to receive \$37 million in federal funding, \$13.9 million of state funds, and \$12.5 million from the Port of Seattle and BNSF. Any project savings will be shared among eligible funding partners.

In addition, under the Heavy Haul Network program, the E Marginal Way Corridor Improvement Project is underway with \$875,000 million in levy funding in 2019. The Port of Seattle will contribute up to \$20 million over the next 10 years toward projects on Heavy Haul Network streets, with the signature project being on E Marginal Way. The remainder of funds from this project are anticipated to be from state and federal grants. The City has recently secured a grant from the state Freight Mobility Strategic Investment Board for \$6.1M for this project.

The 2019-2024 Proposed CIP also includes a commitment of \$14 million of Move Seattle Levy funds over the nine-year life of the levy for the Freight Spot Improvements Project which includes smaller-scale, but vital freight spot improvement projects such as pavement repairs in industrial areas, turning radius adjustments, and other signage and operational improvements to facilitate movement of freight throughout the city.

## Seattle Department of Transportation

The table below shows a summary of the Freight Master Plan investments:

<b>Freight Master Plan Projects</b>	<b>2019</b>	<b>2020</b>
Freight Spot Improvement Program	\$2,340,000	\$1,549,511
Heavy Haul Corridor	\$875,000	\$3,171,290
S Lander St. Grade Separation	\$35,052,051	\$29,099,021
<b>Grand Total</b>	<b>\$38,267,051</b>	<b>\$33,819,822</b>

### **Bridge Projects:**

The City owns 118 bridges and maintaining all of them in appropriate condition is a major challenge. The 2019-2024 Proposed CIP includes Move Seattle Levy funding to construct the replacement of the Fairview Avenue N Bridge, which is the last vehicular timber bridge on an arterial in Seattle. The funding is leveraging state and federal grants. It also funds the planning and design of the next phase of the bridge rehabilitation program. The program completed the permanent removal of the Post Alley Bridge and the reconstruction of Post Alley in 2018 and is studying improvements needed for 13 other bridges, which also includes the Duwamish Waterway N, Magnolia, and Thornton Creek bridges. There is also funding set aside for the improvement of pedestrian and bicycle safety on city bridges.

The Move Seattle Levy also provides funding for the next phase in the Bridge Seismic program. Sixteen bridges are being evaluated as part of this current bridge seismic retrofit program; these bridges are located throughout the city.

Another investment in the 2019-2024 Proposed CIP relates to bridge load rating standards, which were revised by the Federal Highway Administration in November 2013. The standards require the City to re-evaluate the load ratings for 69 bridges by 2022 based upon these new revisions. The estimated cost per bridge ranges from \$20,000 to \$100,000. The proposed CIP includes \$685,141 of gas tax revenues in 2019 to address this mandate. This level of investment is increased in years 2019-2021 in anticipation of addressing additional requirements that were mandated in November 2016 by the Federal Highway Administration for FAST Act's Emergency Vehicles.

The 2019-2024 Proposed CIP also includes \$2,135,000 annually for the Bridge Painting Program, which is a critical asset preservation project for the City's 20 structural steel bridges.

**Seattle Waterfront Capital Projects:** The four major capital projects in the SDOT budget related to the downtown waterfront are the Alaskan Way Viaduct Replacement Project; the Elliott Bay Seawall Project; the Alaskan Way Main Corridor; and the Overlook Walk and East-West Connections Project. Additionally, separate capital projects exist within the Department of Parks and Recreation (Waterfront Pier projects, Aquarium Expansion).

The Alaskan Way Viaduct Replacement Project includes SDOT's costs related to this WSDOT-led program, including the SR-99 Bored Tunnel, projects to reconnect the street grid at the north and south tunnel portals, the Battery Street Tunnel Decommissioning and the Viaduct Demolition. The Elliott Bay Seawall Project replaces the current seawall from Washington to Virginia streets (also known as the Central Seawall). It also strengthened the pier support for Fire Station 5, which is currently attached to the existing seawall.

The Alaskan Way Main Corridor and the Overlook Walk and East-West Connection projects are led by the Office of the Waterfront and Civic Projects. The Alaskan Way Main Corridor project includes the design and construction of the Alaskan Way/Elliott Way surface street, the adjoining pedestrian promenade along the waterfront and several east-west connections that are primarily funded by WSDOT. The Overlook Walk and East-West Connections projects include the Overlook Walk that provides pedestrian connections between the waterfront and the Aquarium and Pike Place Market. The project also focuses on the east/west streets that connect the downtown to the waterfront area. The City completed 100% design for the Alaskan Way Main Corridor project in early 2018 and intends to begin construction in 2019. Construction of the Overlook Walk and East-West Connection projects are anticipated to begin in the 2020 timeframe.

**Streetcar Projects:** The Center City Connector Streetcar Project has been put on hold pending additional financial and engineering analysis. Consequently, the proposed budget and CIP make no commitment as to whether to move forward with the project. The budget includes \$500,000 of one-time Commercial Parking Tax (10%) to either work toward implementation of the connector or evaluate and initiate design of transit alternatives for this corridor. The CIP anticipates capital funding in later years, in the form of long-term debt, for either the streetcar or a transit alternative in the same corridor. In addition, closeout costs for the First Hill Streetcar are under negotiation and the City continues to make \$300,000 annual payments on the South Lake Union Streetcar capital loan.

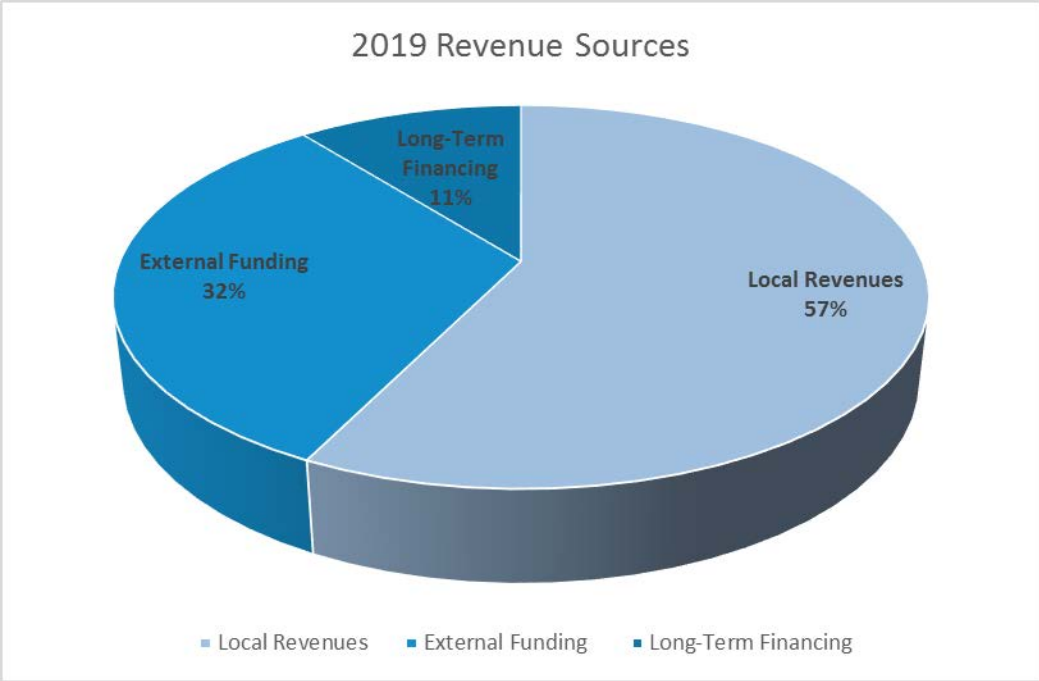
### CIP Revenue Sources

Multiple funding sources support the SDOT CIP, including:

- Move Seattle Levy;
- Gas Tax;
- Multimodal funds;
- Real Estate Excise Tax;
- Commercial Parking Tax;
- Vehicle License Fees;
- Long-term financing (general obligation bonds);
- Street vacation revenues;
- School Safety and Pedestrian funds
- Street use fees;
- Property sale proceeds;
- Federal and state grants; and
- Funds from various funding partners, such as Sound Transit, the Port of Seattle and the Washington State Department of Transportation.

# Seattle Department of Transportation

In 2019, the SDOT proposed CIP budget is \$345 million<sup>1</sup> from the following sources:



## Seattle Department of Transportation Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>General Expense</b>						<b>BSL/Program Code:</b>		<b>BO-TR-18002</b>	
<u>Ongoing</u>									
Debt Service - CRF (MO-TR-D003)	19,279	2,717	814	815	815	813	815	815	26,883
<b>General Expense</b>	<b>19,279</b>	<b>2,717</b>	<b>814</b>	<b>815</b>	<b>815</b>	<b>813</b>	<b>815</b>	<b>815</b>	<b>26,883</b>
<b>Major Maintenance/Replacement</b>						<b>BSL/Program Code:</b>		<b>BC-TR-19001</b>	
<u>Discrete</u>									
Canton and Nord Alleys (MC-TR-C065)	248	1,707	0	0	0	0	0	0	1,955
Columbia Two-Way Street Improvements (MC-TR-C056)	485	2,530	0	0	0	0	0	0	3,014
SPU Drainage Partnership - South Park (MC-TR-C054)	42	320	1,200	5,000	3,438	0	0	0	10,000
<u>Ongoing</u>									
Accela Permitting System (MC-TR-C001)	4,188	2,330	6,533	5,296	679	1,000	1,000	1,000	22,026
Arterial Asphalt & Concrete Program Phase II (MC-TR-C033)	16,817	25,507	34,733	28,836	40,349	35,520	3,217	16,337	201,316
Arterial Asphalt and Concrete Program (MC-TR-C070)	223,286	1,728	0	0	0	0	0	0	225,014
Arterial Major Maintenance (MC-TR-C071)	14,905	5,652	6,165	6,688	6,796	6,812	6,829	6,927	60,773
Bike Master Plan - Urban Trails and Bikeways (MC-TR-C060)	0	1,100	1,100	1,200	1,200	1,300	1,329	1,322	8,551
Bridge Load Rating (MC-TR-C006)	4,376	1,140	685	983	1,036	1,088	346	356	10,010
Bridge Painting Program (MC-TR-C007)	25,210	8,061	2,135	2,135	2,135	2,135	2,135	2,135	46,081
Bridge Rehabilitation and Replacement (MC-TR-C045)	94,394	4,608	20,630	10,086	8,888	8,044	0	0	146,650
Bridge Rehabilitation and Replacement Phase II (MC-TR-C039)	3,065	2,415	4,925	2,231	4,293	1,650	0	0	18,580

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

Bridge Seismic - Phase III (MC-TR-C008)	1,977	7,265	13,135	9,850	8,509	11,418	17,194	5,428	74,775
Hazard Mitigation Program - Areaways (MC-TR-C035)	5,419	3,362	372	381	390	400	402	404	11,130
Hazard Mitigation Program - Landslide Mitigation Projects (MC-TR-C015)	10,243	2,696	453	466	473	478	486	493	15,788
Miscellaneous, Unforeseen, and Emergencies (MC-TR-C077)	2,508	0	0	0	0	0	0	0	2,508
Non-Arterial Street Resurfacing and Restoration (MC-TR-C041)	3,953	2,268	1,771	1,797	1,806	1,826	1,846	1,859	17,126
Pavement Microsurfacing (MC-TR-C023)	5,067	1,941	0	0	0	0	0	0	7,009
Retaining Wall Repair and Restoration (MC-TR-C032)	7,196	402	212	212	212	212	212	212	8,870
Seawall Maintenance (MC-TR-C098)	0	0	399	813	269	825	732	339	3,377
Sidewalk Safety Repair (MC-TR-C025)	5,314	3,685	5,692	3,766	3,840	3,918	3,996	4,098	34,309
Signal Major Maintenance (MC-TR-C026)	3,893	1,598	1,552	1,594	1,630	1,662	1,699	1,738	15,366
Street Lighting Program (MC-TR-C076)	0	0	0	1,350	1,350	1,350	1,350	1,350	6,750
<b>Major Maintenance/Replacement</b>	<b>432,584</b>	<b>80,318</b>	<b>101,692</b>	<b>82,684</b>	<b>87,293</b>	<b>79,637</b>	<b>42,773</b>	<b>43,998</b>	<b>950,979</b>
<b>Major Projects</b>						<b>BSL/Program Code:</b>		<b>BC-TR-19002</b>	
<u>Discrete</u>									
Alaskan Way Main Corridor (MC-TR-C072)	79,257	34,807	45,975	98,883	77,060	20,120	13,180	1,288	370,570
Alaskan Way Viaduct Replacement (MC-TR-C066)	94,085	8,172	1,300	1,440	1,440	0	0	0	106,437
Elliott Bay Seawall Project (MC-TR-C014)	361,844	8,315	4,200	0	0	0	0	0	374,359
First Hill Streetcar (MC-TR-C075)	140,669	0	0	0	0	0	0	0	140,669
Magnolia Bridge Replacement Project (MC-TR-C083)	10,030	0	0	0	0	0	0	0	10,030
Mercer Corridor Project (MC-TR-C016)	112,812	25	0	0	0	0	0	0	112,837
Mercer Corridor Project West Phase (MC-TR-C017)	85,649	5,756	0	0	0	0	0	0	91,405

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## 2019 - 2024 Proposed Capital Improvement Program

Overlook Walk and East-West Connections Project (MC-TR-C073)	8,659	6,762	5,995	13,728	70,965	62,138	5,343	750	174,340
SR-520 Project (MC-TR-C087)	3,291	2,167	1,284	1,288	1,292	1,292	1,292	1,292	13,198
<b>Major Projects</b>	<b>896,296</b>	<b>66,005</b>	<b>58,754</b>	<b>115,339</b>	<b>150,757</b>	<b>83,550</b>	<b>19,815</b>	<b>3,330</b>	<b>1,393,846</b>
<b>Mobility-Capital</b>							<b>BSL/Program Code:</b>		<b>BC-TR-19003</b>
<u>Discrete</u>									
23rd Avenue Corridor Improvements (MC-TR-C037)	41,612	8,768	6,941	3,986	5,580	0	0	0	66,886
3rd Avenue Corridor Improvements (MC-TR-C034)	6,053	6,142	0	0	0	0	0	0	12,195
Accessible Mt. Baker Implementation (MC-TR-C002)	147	849	1,004	0	0	0	1,000	900	3,900
ADA Improvements – SDOT (MC-TR-C069)	272	351	0	0	0	0	0	0	623
Aurora Rapid Ride Improvements (MC-TR-C005)	7,351	50	0	0	0	0	0	0	7,401
Ballard to Downtown High Capacity Transit and Ship Canal Crossing Project (MC-TR-C080)	756	44	0	0	0	0	0	0	800
Bike Share Expansion (MC-TR-C091)	1,400	550	0	0	0	0	0	0	1,950
BRT Concepts Design (MC-TR-C010)	994	506	500	500	0	0	0	0	2,500
Burke Gilman Trail Improvements - UW Campus (MC-TR-C086)	0	750	0	0	0	0	0	0	750
Burke-Gilman Trail Extension (MC-TR-C044)	20,247	3,620	6,481	1,200	6,843	0	0	0	38,391
Center City Gateway and South Michigan Street Intelligent Transportation Systems (ITS) (MC-TR-C012)	3,950	978	1,827	3,728	3,319	0	0	0	13,802
Center City Streetcar Connector (MC-TR-C040)	20,570	42,964	11,485	76,700	40,341	0	0	0	192,060
Delridge Multimodal Corridor (MC-TR-C042)	961	1,616	1,731	6,740	31,953	4,000	0	0	47,000
Fauntleroy Way SW Boulevard (MC-TR-C046)	2,611	375	1,735	940	2,960	10,833	0	0	19,454

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## 2019 - 2024 Proposed Capital Improvement Program

Georgetown to South Park Trail (MC-TR-C096)	0	600	0	0	1,800	0	0	0	2,400
Graham Street Station (MC-TR-C082)	5	0	0	0	0	0	0	9,995	10,000
Heavy Haul Network Program (MC-TR-C090)	409	545	875	3,171	7,973	14,904	16,242	4,500	48,619
King Street Station Tenant Improvements (MC-TR-C049)	756	4,394	0	0	0	0	0	0	5,150
Lynnwood Link Extension (MC-TR-C089)	75	125	60	60	60	60	60	60	560
Madison Street Bus Rapid Transit (MC-TR-C051)	10,538	5,674	6,868	451	97,880	0	0	0	121,411
Market / 45th Multimodal Corridor (MC-TR-C078)	0	300	450	1,500	3,487	9,463	750	250	16,200
Market to MOHAI (MC-TR-C095)	0	500	0	0	0	0	0	0	500
NE 43rd Street Improvements (MC-TR-C074)	0	1,540	0	94	1,526	0	0	0	3,160
Northgate Bike and Pedestrian Improvements (MC-TR-C055)	0	1,462	0	0	0	0	0	0	1,462
Northgate Bridge and Cycle Track (MC-TR-C030)	5,469	4,728	19,044	15,117	300	0	0	0	44,658
Pay Stations (MC-TR-C024)	28,017	3,317	0	0	0	0	0	0	31,334
Rainier/Jackson Multimodal Corridor (MC-TR-C053)	760	1,500	2,750	2,425	7,465	1,250	50	0	16,199
Roosevelt Multimodal Corridor (MC-TR-C013)	3,806	2,240	1,565	2,589	38,073	17,421	9,889	0	75,583
Route 40 Northgate to Downtown Transit Improvements (MC-TR-C079)	0	250	1,000	1,500	13,239	4,168	1,000	2,743	23,900
Route 48 South Electrification (MC-TR-C081)	0	187	6,097	200	597	0	0	0	7,081
S Lander St. Grade Separation (MC-TR-C028)	10,445	21,878	35,052	29,099	6,039	20	0	0	102,533
Sound Transit - East Link (MC-TR-C004)	193	414	70	70	70	70	70	0	957
Sound Transit North Link (MC-TR-C027)	1,032	768	310	252	69	0	0	0	2,431

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## 2019 - 2024 Proposed Capital Improvement Program



SPU Drainage Partnership - Broadview Pedestrian Improvements (MC-TR-C036)	44	200	1,500	3,100	3,156	0	0	0	8,000
<u>Ongoing</u>									
Bike Master Plan - Greenways (MC-TR-C063)	0	2,292	4,970	4,395	4,430	2,826	4,839	2,893	26,645
Bike Master Plan - Protected Bike Lanes (MC-TR-C062)	52,244	13,700	9,170	6,887	29,073	6,500	2,387	570	120,530
Freight Spot Improvement Program (MC-TR-C047)	4,815	1,500	2,340	1,550	2,500	2,500	3,000	3,000	21,204
Neighborhood Large Projects (MC-TR-C018)	9,340	4,890	2,935	1,800	4,300	835	2,000	4,873	30,973
Neighborhood Parks Street Fund - Your Voice, Your Choice (MC-TR-C022)	35,268	3,239	1,767	331	340	349	359	368	42,021
Neighborhood Traffic Control Program (MC-TR-C019)	7,943	1,047	305	313	321	329	337	345	10,940
New Traffic Signals (MC-TR-C020)	1,286	918	825	552	1,218	641	581	689	6,710
Next Generation Intelligent Transportation Systems (ITS) (MC-TR-C021)	12,176	5,264	2,690	3,105	6,100	11,699	3,217	2,250	46,501
Pedestrian Master Plan - Crossing Improvements (MC-TR-C061)	9,768	5,179	3,693	3,091	4,004	3,500	4,150	2,728	36,113
Pedestrian Master Plan - New Sidewalks (MC-TR-C058)	16,705	15,099	15,971	8,284	4,721	4,042	5,430	6,023	76,274
Pedestrian Master Plan - School Safety (MC-TR-C059)	22,029	5,929	2,778	2,790	6,218	4,033	4,105	3,878	51,759
Pedestrian Master Plan - Stairway Rehabilitation (MC-TR-C031)	960	1,332	1,359	1,408	1,419	1,452	1,484	1,515	10,930
SDOT ADA Program (MC-TR-C057)	6,700	5,056	8,430	6,840	6,881	6,902	6,924	6,946	54,679
Shoreline Street End Program (MC-TR-C011)	0	0	727	655	732	753	773	793	4,433
Sound Transit 3 (MC-TR-C088)	51	699	2,340	1,610	1,650	1,691	1,733	1,777	11,551
Transit Corridor Improvements (MC-TR-C029)	41,596	5,739	12,823	6,402	3,870	3,894	3,919	3,944	82,187

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## 2019 - 2024 Proposed Capital Improvement Program

Urban Forestry Capital Establishment (MC-TR-C050)	170	706	0	0	0	0	0	0	876
Vision Zero (MC-TR-C064)	5,539	5,474	4,557	3,002	6,162	2,808	1,668	1,943	31,153
<b>Mobility-Capital</b>	395,062	196,246	185,023	206,435	356,669	116,942	75,968	62,983	1,595,328
<b>Department Total:</b>	1,743,222	345,286	346,283	405,274	595,533	280,942	139,370	111,126	3,967,035

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**2019 - 2024 Proposed Capital Improvement Program**

# Seattle Department of Transportation

## Fund Summary

Fund Name & Code	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
2000 Parks Levy Fund (33850)	554	59	0	0	0	0	0	0	613
2002 LTGO Project (34760)	400	0	0	0	0	0	0	0	400
2006 LTGO Bond Fund (34900)	8,330	0	0	0	0	0	0	0	8,330
2007 Multipurpose LTGO Bond Fund (35100)	22,620	0	0	0	0	0	0	0	22,620
2008 Multipurpose LTGO Bond Fund (35200)	51,007	0	0	0	0	0	0	0	51,007
2008 Parks Levy Fund (33860)	2,202	1,562	0	0	0	0	0	0	3,764
2009 Multipurpose LTGO Bond Fund (35300)	31,976	0	0	0	0	0	0	0	31,976
2010 Multipurpose LTGO Bond Fund (35400)	55,030	0	0	0	0	0	0	0	55,030
2011 Multipurpose LTGO Bond Fund (35500)	42,473	21	0	0	0	0	0	0	42,494
2012 Multipurpose LTGO Bond Fund (35600)	10,800	0	0	0	0	0	0	0	10,800
2015 Multipurpose LTGO Bond Fund (36200)	13,232	646	0	0	0	0	0	0	13,879
2016 Multipurpose LTGO Bond Fund (36300)	35,355	7,895	0	0	0	0	0	0	43,250
2017 Multipurpose LTGO Bond Fund (36400)	29,814	18,021	0	0	0	0	0	0	47,835
2017 Taxable LTGO Bond Fund (36410)	2,086	1,195	0	0	0	0	0	0	3,281
2018 Multipurpose LTGO Bond Fund (36500)	0	8,886	0	0	0	0	0	0	8,886
2018 Taxable LTGO Bond Fund (36510)	509	7,171	0	0	0	0	0	0	7,680
2019 Multipurpose LTGO Bond Fund (36600)	0	0	20,192	0	0	0	0	0	20,192
2019 Taxable LTGO Bond Fund (36610)	0	0	1,000	0	0	0	0	0	1,000
2020 Multipurpose LTGO Bond Fund (36700)	0	0	0	30,779	0	0	0	0	30,779
2020 Taxable LTGO Bond Fund (36710)	0	0	0	1,725	0	0	0	0	1,725
Alaskan Way Seawall Construction Fund (35800)	285,871	825	0	0	0	0	0	0	286,696

*\*Amounts in thousands of dollars*

### 2019 - 2024 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Fund Summary

Fund Name & Code	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
Bridging the Gap Levy Fund (10394)	202,231	700	0	0	0	0	0	0	202,931
Central Waterfront Improvement Fund (35900)	12,549	2,713	5,040	29,146	84,552	74,769	15,073	2,038	225,880
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	4,637	2,138	95	0	0	0	0	0	6,870
Emergency Fund (10102)	395	0	0	0	0	0	0	0	395
Future Bond Funds (99999)	0	0	0	0	46,220	5,445	2,450	0	54,115
General Fund (00100)	18,306	2,271	0	0	0	0	0	0	20,577
Move Seattle Levy Fund (10398)	106,986	83,187	137,073	112,249	90,334	92,491	50,388	64,538	737,245
Parking Garage Disposition Proceeds Fund (37000)	16,499	1	0	0	0	0	0	0	16,500
REET I Capital Fund (30010)	6,841	9,444	2,180	0	0	0	0	0	18,465
REET II Capital Fund (30020)	134,251	30,477	17,375	17,345	4,906	4,902	4,904	4,904	219,063
School Safety Traffic and Pedestrian Improvement Fund (18500)	13,581	5,051	14,016	6,166	2,011	3,423	2,939	1,800	48,987
To Be Determined (TBD)	20,313	212	0	0	0	61,945	41,646	19,769	143,885
Transportation Benefit District Fund (19900)	17,651	8,983	13,504	7,383	4,891	5,017	5,147	3,871	66,447
Transportation Bond Fund (31600)	1,314	0	0	0	0	0	0	0	1,314
Transportation Fund (13000)	595,408	153,827	135,808	200,481	362,620	32,950	16,824	14,207	1,512,124
<b>Department Total:</b>	<b>1,743,222</b>	<b>345,286</b>	<b>346,283</b>	<b>405,274</b>	<b>595,533</b>	<b>280,942</b>	<b>139,370</b>	<b>111,126</b>	<b>3,967,035</b>

*\*Amounts in thousands of dollars*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**23rd Avenue Corridor Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C037
<b>Start/End Date:</b>	2013-2021	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	23rd AVE S/E John ST/Rainier AVE S
<b>Neighborhood District:</b>	Central	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$66,885	<b>Urban Village:</b>	23rd & Union-Jackson

The project will reconstruct sidewalks, enhance the pedestrian environment, reconstruct pavement, upgrade signalized intersections, upgrade controller cabinets to meet transit signal priority (TSP) needs and accommodate Intelligent Transportation Systems (ITS) upgrades. Activities include the following: install ITS to provide travel time information; install fiber communication as needed along the corridor to relay information back to the Traffic Management Center; and install poles for support of future trolley wires in two gap segments of the trolley network. The project will also include design and construction of a 3-lane cross section (with 4 lanes at isolated intersections) between John Street and Rainier Ave South, as well as a greenway facility on a parallel street to facilitate north-south bicycle travel. Phase I of the project is complete and Phase II is currently in construction.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
2011 LTGO Bond Proceeds	5,622	0	0	0	0	0	0	0	5,622
2015 LTGO Bond Proceeds	2,734	5,193	0	0	0	0	0	0	7,927
2017 LTGO Bond Proceeds	0	1,651	0	0	0	0	0	0	1,651
Federal Grant Funds	4,990	0	0	0	0	0	0	0	4,990
City Light Fund Revenues	2,277	200	300	0	0	0	0	0	2,777
Private Funding/Donations	5	0	0	0	0	0	0	0	5
State Grant Funds	8,855	1,421	458	0	0	0	0	0	10,735
Commercial Parking Tax	54	0	0	0	0	0	0	0	54
Real Estate Excise Tax II	3,786	302	943	60	0	0	0	0	5,091
Transportation Move Seattle Levy - Lid Lift	1,559	0	5,240	3,926	5,580	0	0	0	16,305
Transportation Funding Package - Lid Lift	11,730	0	0	0	0	0	0	0	11,730
<b>Total:</b>	<b>41,612</b>	<b>8,768</b>	<b>6,941</b>	<b>3,986</b>	<b>5,580</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>66,886</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2011 Multipurpose LTGO Bond Fund	5,622	0	0	0	0	0	0	0	5,622
2016 Multipurpose LTGO Bond Fund	2,734	5,193	0	0	0	0	0	0	7,927
2017 Multipurpose LTGO Bond Fund	0	1,651	0	0	0	0	0	0	1,651
Transportation Fund	16,181	1,621	758	0	0	0	0	0	18,561
REET II Capital Fund	3,786	302	943	60	0	0	0	0	5,091
Move Seattle Levy Fund	1,559	0	5,240	3,926	5,580	0	0	0	16,305
Bridging the Gap Levy Fund	11,730	0	0	0	0	0	0	0	11,730
<b>Total:</b>	41,612	8,768	6,941	3,986	5,580	0	0	0	66,886
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2011 Multipurpose LTGO Bond Fund	5,622	0	0	0	0	0	0	0	5,622
2016 Multipurpose LTGO Bond Fund	2,734	4,150	809	234	0	0	0	0	7,927
2017 Multipurpose LTGO Bond Fund	0	796	235	620	0	0	0	0	1,651
Transportation Fund	16,181	1,621	758	0	0	0	0	0	18,560
REET II Capital Fund	3,786	302	943	60	0	0	0	0	5,091
Move Seattle Levy Fund	1,559	0	5,240	3,926	5,580	0	0	0	16,305
Bridging the Gap Levy Fund	11,730	0	0	0	0	0	0	0	11,730
<b>Total:</b>	41,612	6,869	7,985	4,840	5,580	0	0	0	66,886
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**3rd Avenue Corridor Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C034
<b>Start/End Date:</b>	2012-2019	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	3rd AVE/S Jackson ST/Denny WAY
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$12,195	<b>Urban Village:</b>	Downtown

This project makes multimodal improvements in the Third Avenue downtown corridor. Improvements include expanding the northbound bus stop area at Pine Street adjacent to Macy's department store, designing and constructing additional streetscape improvements, remarking numerous crosswalks, and installing pedestrian countdown signals. A previous construction project is closed and the current phase is in design.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Federal Grant Funds	2,932	4,617	0	0	0	0	0	0	7,549
King County Funds	8	786	0	0	0	0	0	0	794
Private Funding/Donations	1	0	0	0	0	0	0	0	1
State Grant Funds	204	0	0	0	0	0	0	0	204
Commercial Parking Tax	2,192	125	0	0	0	0	0	0	2,317
Real Estate Excise Tax II	94	614	0	0	0	0	0	0	708
Transportation Funding Package - Lid Lift	622	0	0	0	0	0	0	0	622
<b>Total:</b>	6,053	6,142	0	0	0	0	0	0	12,195

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	5,337	5,528	0	0	0	0	0	0	10,865
REET II Capital Fund	94	614	0	0	0	0	0	0	708
Bridging the Gap Levy Fund	622	0	0	0	0	0	0	0	622
<b>Total:</b>	6,053	6,142	0	0	0	0	0	0	12,195

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	5,337	2,518	3,010	0	0	0	0	0	10,866
REET II Capital Fund	94	144	471	0	0	0	0	0	708

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Bridging the Gap Levy Fund	622	0	0	0	0	0	0	0	622
<b>Total:</b>	6,053	2,662	3,481	0	0	0	0	0	12,196
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**



## Seattle Department of Transportation

### Accessible Mt. Baker Implementation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C002
<b>Start/End Date:</b>	2017-TBD	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Various
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$31,395	<b>Urban Village:</b>	Madison-Miller

This project will implement pedestrian and bicycle safety improvements identified in the Accessible Mt. Baker plan.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	0	1,000	900	1,900
Transportation Move Seattle Levy - Lid Lift	147	849	1,004	0	0	0	0	0	2,000
<b>Total:</b>	147	849	1,004	0	0	0	1,000	900	3,900

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	0	1,000	900	1,900
Move Seattle Levy Fund	147	849	1,004	0	0	0	0	0	2,000
<b>Total:</b>	147	849	1,004	0	0	0	1,000	900	3,900

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	0	1,000	900	1,900
Move Seattle Levy Fund	147	848	1,004	0	0	0	0	0	2,000
<b>Total:</b>	147	848	1,004	0	0	0	1,000	900	3,900

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

### ADA Improvements – SDOT

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C069
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$623	<b>Urban Village:</b>	Multiple

This project removes and replaces curb ramps at eleven locations in the City of Seattle Right of Way (ROW) in order to improve accessibility for people with disabilities. This project will address the 11 highest priority ramps that provide access to Seattle parks and will be built in compliance with applicable standards, including the Americans with Disabilities Act Standards for Accessible Design.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	0	9	0	0	0	0	0	0	9
Real Estate Excise Tax II	272	342	0	0	0	0	0	0	614
<b>Total:</b>	272	351	0	0	0	0	0	0	623

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	0	9	0	0	0	0	0	0	9
REET II Capital Fund	272	342	0	0	0	0	0	0	614
<b>Total:</b>	272	351	0	0	0	0	0	0	623

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	0	9	0	0	0	0	0	0	9
REET II Capital Fund	272	342	0	0	0	0	0	0	614
<b>Total:</b>	272	351	0	0	0	0	0	0	623

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Alaskan Way Main Corridor

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C072
<b>Start/End Date:</b>	2013-2024	<b>BSL/Program Code:</b>	BC-TR-19002
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>	Procurement/Bid	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$370,570	<b>Urban Village:</b>	Multiple

This project designs and constructs the rebuilt Alaskan Way/Elliott Way surface streets and the adjoining pedestrian promenade along the Seattle waterfront following the demolition of the Alaskan Way Viaduct. The State of Washington is in the process of building a deep bore tunnel to replace the Alaskan Way Viaduct (Viaduct), which is part of State Route (SR) 99. State Route 99 is currently planned to be relocated from the Viaduct into the tunnel by the end of 2018. The State is responsible for demolishing the Viaduct and decommissioning the Battery Street tunnel in 2019. The City of Seattle is responsible for the Alaskan Way/Elliott Way surface street and the promenade which are anticipated to begin construction in mid-2019. The project also includes replacement of and improvements to four key connections impacted by the Viaduct removal, namely Seneca Street, Columbia Street, and the Marion Street and Lenora pedestrian bridges. This project is part of the overall waterfront improvement program. Expenditures to the Local Improvement District Bonds revenue source that occur prior to 2020 represent anticipated future bond sales. This funding is currently supported through the Central Waterfront Improvement Fund's interfund loan, which Council approved via Ordinance 124345.

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Street Vacations -CRSU	0	1,300	0	0	0	0	0	0	1,300
Transportation Bond Funds	0	0	0	0	0	0	1,700	0	1,700
2021 LTGO Bond Proceeds	0	0	0	0	16,960	0	0	0	16,960
2022 LTGO Bond Proceeds	0	0	0	0	0	3,315	0	0	3,315
Private Funding/Donations	373	422	125	6,100	4,941	2,909	6,830	1,288	22,988
Transportation Bond Funds	3,861	116	0	0	0	0	0	0	3,977
Local Improvement District Bonds	5,066	458	125	11,043	12,906	11,852	3,650	0	45,100
Private Funding - Utilities	748	307	0	0	0	0	0	0	1,055
2015 LTGO Bond Proceeds	7,250	145	0	0	0	0	0	0	7,395
Seawall Levy	5,297	0	0	0	0	0	0	0	5,297
2016 LTGO Bond Proceeds	17,365	1,028	0	0	0	0	0	0	18,393
2017 LTGO Bond Proceeds	0	1,925	0	0	0	0	0	0	1,925
2018 LTGO Bond Proceeds	0	6,966	0	0	0	0	0	0	6,966
Drainage and Wastewater Rates	263	0	0	0	0	0	0	0	263
City Light Fund Revenues	16	0	0	0	0	0	0	0	16
State Grant Funds	1,748	30	0	0	0	0	0	0	1,778
User Fees	2,085	1,545	0	705	1,013	0	0	0	5,348
Commercial Parking Tax	5,966	115	0	0	0	0	0	0	6,081
Street Vacations - SVF	777	766	0	0	0	0	0	0	1,543
Partnership - WSDOT	27,126	19,130	31,033	70,256	41,240	2,044	1,000	0	191,829
Real Estate Excise Tax II	1,316	554	0	0	0	0	0	0	1,870
2019 LTGO Bond Proceeds	0	0	14,692	0	0	0	0	0	14,692
2020 LTGO Bond Proceeds	0	0	0	10,779	0	0	0	0	10,779
<b>Total:</b>	<b>79,257</b>	<b>34,807</b>	<b>45,975</b>	<b>98,883</b>	<b>77,060</b>	<b>20,120</b>	<b>13,180</b>	<b>1,288</b>	<b>370,570</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	1,300	0	0	0	0	0	0	1,300
Future Bond Funds	0	0	0	0	16,960	3,315	1,700	0	21,975
Central Waterfront Improvement Fund	10,048	1,303	250	17,143	17,847	14,761	10,480	1,288	73,120
2015 Multipurpose LTGO Bond Fund	7,250	145	0	0	0	0	0	0	7,395
Alaskan Way Seawall Construction Fund	5,297	0	0	0	0	0	0	0	5,297
2016 Multipurpose LTGO Bond Fund	17,365	1,028	0	0	0	0	0	0	18,393
2017 Multipurpose LTGO Bond Fund	0	1,925	0	0	0	0	0	0	1,925
2018 Multipurpose LTGO Bond Fund	0	6,966	0	0	0	0	0	0	6,966
Transportation Fund	37,981	21,586	31,033	70,961	42,253	2,044	1,000	0	206,858
REET II Capital Fund	1,316	554	0	0	0	0	0	0	1,870
2019 Multipurpose LTGO Bond Fund	0	0	14,692	0	0	0	0	0	14,692
2020 Multipurpose LTGO Bond Fund	0	0	0	10,779	0	0	0	0	10,779
<b>Total:</b>	<b>79,257</b>	<b>34,807</b>	<b>45,975</b>	<b>98,883</b>	<b>77,060</b>	<b>20,120</b>	<b>13,180</b>	<b>1,288</b>	<b>370,570</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	1,300	0	0	0	0	0	0	1,300
Future Bond Funds	0	0	0	0	16,960	3,315	1,700	0	21,975
Central Waterfront Improvement Fund	10,048	1,303	250	17,143	17,847	14,761	10,480	1,288	73,121
2015 Multipurpose LTGO Bond Fund	7,250	145	0	0	0	0	0	0	7,395
Alaskan Way Seawall Construction Fund	5,297	0	0	0	0	0	0	0	5,297
2016 Multipurpose LTGO Bond Fund	17,365	1,028	0	0	0	0	0	0	18,393

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2017 Multipurpose LTGO Bond Fund	0	1,925	0	0	0	0	0	0	1,925
2018 Multipurpose LTGO Bond Fund	0	6,966	0	0	0	0	0	0	6,966
Transportation Fund	37,981	21,586	31,033	70,961	42,253	2,044	1,000	0	206,858
REET II Capital Fund	1,316	554	0	0	0	0	0	0	1,870
2019 Multipurpose LTGO Bond Fund	0	0	14,692	0	0	0	0	0	14,692
2020 Multipurpose LTGO Bond Fund	0	0	0	10,779	0	0	0	0	10,779
<b>Total:</b>	79,257	34,807	45,975	98,883	77,060	20,120	13,180	1,288	370,571
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Alaskan Way Viaduct Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C066
<b>Start/End Date:</b>	2001-2024	<b>BSL/Program Code:</b>	BC-TR-19002
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>		<b>Location:</b>	ALASKAN WY VI SB/BATTERY ST TUN OFF RP
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$106,437	<b>Urban Village:</b>	Multiple

This project funds the City's involvement in the replacement of the Alaskan Way Viaduct with the bored tunnel hybrid alternative. Replacement of this structure will enhance overall safety, as this structure is seismically vulnerable. In prior years, this project included design of the Central Seawall and Waterfront Improvements. In 2013, for transparency purposes, the Seawall and Waterfront work was reflected in two new capital projects, Elliott Bay Seawall Project (TC367320) and Waterfront Improvement Program (TC367330). In 2019, the City will construct the Habitat Beach adjacent to the Coleman Dock.

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	2,951	0	0	0	0	0	0	0	2,951
2006 LTGO Bond Proceeds	5,220	0	0	0	0	0	0	0	5,220
2007 LTGO Bond Proceeds	2,920	0	0	0	0	0	0	0	2,920
2008 LTGO Bond Proceeds	481	0	0	0	0	0	0	0	481
2009 LTGO Bond Proceeds	1,770	0	0	0	0	0	0	0	1,770
2010 LTGO Bond Proceeds	10,440	0	0	0	0	0	0	0	10,440
2003 LTGO Bond Proceeds	5,000	0	0	0	0	0	0	0	5,000
2005 LTGO Bond Proceeds	5,000	0	0	0	0	0	0	0	5,000
2011 LTGO Bond Proceeds	14,903	0	0	0	0	0	0	0	14,903
2012 LTGO Bond Proceeds	3,000	0	0	0	0	0	0	0	3,000
2020 LTGO Bond Proceeds	0	0	0	0	0	0	0	0	0
Interfund Loan	0	0	0	0	0	0	0	0	0
Seawall Levy	328	0	0	0	0	0	0	0	328
2017 LTGO Bond Proceeds	0	4,200	0	0	0	0	0	0	4,200
Federal Grant Funds	2,861	0	0	0	0	0	0	0	2,861
State Gas Taxes - City Street Fund	1,070	200	0	0	0	0	0	0	1,270
Interagency Commission on Outdoor Recreation Grants	239	0	0	0	0	0	0	0	239
King County Funds	3,127	0	0	0	0	0	0	0	3,127
Commercial Parking Tax	8,780	222	0	0	0	0	0	0	9,002
Waterway Use Fee	108	0	0	0	0	0	0	0	108
Partnership - WSDOT	25,887	3,550	0	1,440	1,440	0	0	0	32,317
2019 LTGO Bond Proceeds	0	0	1,300	0	0	0	0	0	1,300
<b>Total:</b>	<b>94,085</b>	<b>8,172</b>	<b>1,300</b>	<b>1,440</b>	<b>1,440</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>106,437</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program



## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	2,951	0	0	0	0	0	0	0	2,951
2006 LTGO Bond Fund	5,220	0	0	0	0	0	0	0	5,220
2007 Multipurpose LTGO Bond Fund	2,920	0	0	0	0	0	0	0	2,920
2008 Multipurpose LTGO Bond Fund	481	0	0	0	0	0	0	0	481
2009 Multipurpose LTGO Bond Fund	1,770	0	0	0	0	0	0	0	1,770
2010 Multipurpose LTGO Bond Fund	10,440	0	0	0	0	0	0	0	10,440
To Be Determined	10,000	0	0	0	0	0	0	0	10,000
2011 Multipurpose LTGO Bond Fund	14,903	0	0	0	0	0	0	0	14,903
2012 Multipurpose LTGO Bond Fund	3,000	0	0	0	0	0	0	0	3,000
Future Bond Funds	0	0	0	0	0	0	0	0	0
Central Waterfront Improvement Fund	0	0	0	0	0	0	0	0	0
Alaskan Way Seawall Construction Fund	328	0	0	0	0	0	0	0	328
2017 Multipurpose LTGO Bond Fund	0	4,200	0	0	0	0	0	0	4,200
Transportation Fund	42,071	3,972	0	1,440	1,440	0	0	0	48,923
2019 Multipurpose LTGO Bond Fund	0	0	1,300	0	0	0	0	0	1,300
<b>Total:</b>	<b>94,085</b>	<b>8,172</b>	<b>1,300</b>	<b>1,440</b>	<b>1,440</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>106,437</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	2,951	0	0	0	0	0	0	0	2,951
2006 LTGO Bond Fund	5,220	0	0	0	0	0	0	0	5,220
2007 Multipurpose LTGO Bond Fund	2,920	0	0	0	0	0	0	0	2,920
2008 Multipurpose LTGO Bond Fund	481	0	0	0	0	0	0	0	481
2009 Multipurpose LTGO Bond Fund	1,770	0	0	0	0	0	0	0	1,770
2010 Multipurpose LTGO Bond Fund	10,440	0	0	0	0	0	0	0	10,440

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	10,000	0	0	0	0	0	0	0	10,000
2011 Multipurpose LTGO Bond Fund	14,903	0	0	0	0	0	0	0	14,903
2012 Multipurpose LTGO Bond Fund	3,000	0	0	0	0	0	0	0	3,000
Future Bond Funds	0	0	0	0	0	0	0	0	0
Central Waterfront Improvement Fund	0	0	0	0	0	0	0	0	0
Alaskan Way Seawall Construction Fund	328	0	0	0	0	0	0	0	328
2017 Multipurpose LTGO Bond Fund	0	4,200	0	0	0	0	0	0	4,200
Transportation Fund	42,071	2,321	1,452	1,640	1,440	0	0	0	48,923
2019 Multipurpose LTGO Bond Fund	0	0	1,300	0	0	0	0	0	1,300
<b>Total:</b>	94,085	6,521	2,752	1,640	1,440	0	0	0	106,437
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Aurora Rapid Ride Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C005
<b>Start/End Date:</b>	2012-2017	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$7,401	<b>Urban Village:</b>	Multiple

This project constructs numerous small and medium sized projects on Aurora Avenue between the Shoreline City Limits and Downtown Seattle to support Metro's new Rapid Ride service in that corridor. Most of the project costs will be reimbursed by Metro's Federal Transit Administration grant.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Federal Grant Funds	4,685	0	0	0	0	0	0	0	4,685
Transportation Funding Package - Parking Tax	30	0	0	0	0	0	0	0	30
State Gas Taxes - Arterial City Street Fund	30	2	0	0	0	0	0	0	32
King County Funds	411	0	0	0	0	0	0	0	411
State Grant Funds	541	0	0	0	0	0	0	0	541
Transportation Funding Package - Lid Lift	1,654	48	0	0	0	0	0	0	1,702
<b>Total:</b>	7,351	50	0	0	0	0	0	0	7,401

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	5,697	2	0	0	0	0	0	0	5,699
Bridging the Gap Levy Fund	1,654	48	0	0	0	0	0	0	1,702
<b>Total:</b>	7,351	50	0	0	0	0	0	0	7,401

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	5,697	2	0	0	0	0	0	0	5,699
Bridging the Gap Levy Fund	1,654	48	0	0	0	0	0	0	1,702
<b>Total:</b>	7,351	50	0	0	0	0	0	0	7,401

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Ballard to Downtown High Capacity Transit and Ship Canal Crossing Project**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C080
<b>Start/End Date:</b>	2013-2017	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Downtown Ballard/Downtown Seattle
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$800	<b>Urban Village:</b>	Multiple

This project will develop recommendations for implementation of high capacity transit alternatives between Ballard and Downtown Seattle. The project will build on the Ballard-Fremont-South Lake Union-Downtown corridor identified in the Transit Master Plan. The work will be done in conjunction with Sound Transit. The project will also develop conceptual designs and cost estimates for a new ship canal crossing for transit, pedestrians and bicycles.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	546	0	0	0	0	0	0	0	546
Vehicle Licensing Fees	156	44	0	0	0	0	0	0	200
Transportation Funding Package - Lid Lift	54	0	0	0	0	0	0	0	54
<b>Total:</b>	756	44	0	0	0	0	0	0	800

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	546	0	0	0	0	0	0	0	546
Transportation Benefit District Fund	156	44	0	0	0	0	0	0	200
Bridging the Gap Levy Fund	54	0	0	0	0	0	0	0	54
<b>Total:</b>	756	44	0	0	0	0	0	0	800

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	546	0	0	0	0	0	0	0	546
Transportation Benefit District Fund	156	44	0	0	0	0	0	0	200
Bridging the Gap Levy Fund	54	0	0	0	0	0	0	0	54
<b>Total:</b>	756	44	0	0	0	0	0	0	800

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
O & M Costs (Savings)							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

### Bike Share Expansion

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C091
<b>Start/End Date:</b>	2016-2018	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$1,950	<b>Urban Village:</b>	Multiple

This project was created to expand the Pronto bikeshare system. The Pronto bikeshare system was deactivated by the City in March of 2017, but this CIP project remains active due to the continued activity of closing out the system.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

User Fees	1,400	550	0	0	0	0	0	0	1,950
<b>Total:</b>	1,400	550	0	0	0	0	0	0	1,950

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

Transportation Fund	1,400	550	0	0	0	0	0	0	1,950
<b>Total:</b>	1,400	550	0	0	0	0	0	0	1,950

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

Transportation Fund	1,400	550	0	0	0	0	0	0	1,950
<b>Total:</b>	1,400	550	0	0	0	0	0	0	1,950

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## Seattle Department of Transportation

**BRT Concepts Design**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C010
<b>Start/End Date:</b>	2016-2020	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$2,500	<b>Urban Village:</b>	Multiple

This project will advance the concept designs for Seattle's RapidRide Expansion program. In order to deliver the seven new RapidRide lines, this work includes assessment and development of corridor design, detailed line and network ridership forecasting, capital cost estimates, traffic and environmental analysis, modal integration, and funding plans.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Transportation Move	994	506	500	500	0	0	0	0	2,500
Seattle Levy - Lid Lift									
<b>Total:</b>	994	506	500	500	0	0	0	0	2,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Move Seattle Levy Fund	994	506	500	500	0	0	0	0	2,500
<b>Total:</b>	994	506	500	500	0	0	0	0	2,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Move Seattle Levy Fund	994	506	500	500	0	0	0	0	2,500
<b>Total:</b>	994	506	500	500	0	0	0	0	2,500

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



## Seattle Department of Transportation

### Burke Gilman Trail Improvements - UW Campus

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C086
<b>Start/End Date:</b>	2017-TBD	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	Northeast	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$750	<b>Urban Village:</b>	University District

The project will implement spot improvements to the Burke-Gilman Trail north of the campus including pavement repair and crossing upgrades. If needed, a portion of the funding will be available to help the University complete design of the second phase of upgrades to the campus portion of the trail.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Commercial Parking Tax	0	750	0	0	0	0	0	0	750
<b>Total:</b>	0	750	0	0	0	0	0	0	750

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	0	750	0	0	0	0	0	0	750
<b>Total:</b>	0	750	0	0	0	0	0	0	750

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	0	400	350	0	0	0	0	0	750
<b>Total:</b>	0	400	350	0	0	0	0	0	750

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Burke-Gilman Trail Extension

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C044
<b>Start/End Date:</b>	1995-TBD	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Ballard	<b>Council District:</b>	6
<b>Total Project Cost:</b>	\$38,391	<b>Urban Village:</b>	Ballard

This project extends the Burke-Gilman Trail from its current terminus at Eighth Avenue NW to Golden Gardens Park. The segment from Eighth Avenue NW to 11th Avenue NW was constructed in 2001. The Ballard Locks to NW 60th Street segment was constructed in 2005. The NW 60th Street to Golden Gardens segment was constructed in 2008. The "Missing Link" segment from 11th Avenue NW to the Ballard Locks was planned for construction in 2011 and 2012, but has been delayed due to ongoing litigation.

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	672	0	0	0	0	0	0	0	672
King County Voter- Approved Levy	635	0	0	0	0	0	0	0	635
Transportation Bond Funds	384	0	0	0	0	0	0	0	384
Trail and Open Space Levy	554	59	0	0	0	0	0	0	613
2009 LTGO Bond Proceeds	734	0	0	0	0	0	0	0	734
To Be Determined	0	86	0	0	0	0	0	0	86
Trail and Open Space Levy	2,194	1,557	0	0	0	0	0	0	3,751
Drainage and Wastewater Rates	373	0	0	0	0	0	0	0	373
Federal Grant Funds	4,938	0	0	0	0	0	0	0	4,938
Transportation Funding Package - Business Transportation Tax	458	0	0	0	0	0	0	0	458
City Light Fund Revenues	369	0	0	0	0	0	0	0	369
State Gas Taxes - City Street Fund	918	0	0	0	0	0	0	0	918
King County Funds	150	0	0	0	0	0	0	0	150
Private Funding/Donations	880	0	0	0	0	0	0	0	880
Water Rates	224	0	0	0	0	0	0	0	224
Commercial Parking Tax	700	0	0	1,200	0	0	0	0	1,900
Surplus Property Sales	0	0	1,399	0	0	0	0	0	1,399
Street Vacations - SVF	150	0	0	0	0	0	0	0	150
Misc Future Revenue/Grants	0	0	0	0	4,843	0	0	0	4,843
Real Estate Excise Tax II	1,723	0	0	0	0	0	0	0	1,723
Transportation Move Seattle Levy - Lid Lift	0	1,918	5,082	0	2,000	0	0	0	9,000
Vehicle Licensing Fees	1,643	0	0	0	0	0	0	0	1,643
Transportation Funding Package - Lid Lift	2,548	0	0	0	0	0	0	0	2,548
<b>Total:</b>	<b>20,247</b>	<b>3,620</b>	<b>6,481</b>	<b>1,200</b>	<b>6,843</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38,391</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	672	0	0	0	0	0	0	0	672
Cumulative Reserve Subfund - Unrestricted Subaccount	635	0	0	0	0	0	0	0	635
Transportation Bond Fund	384	0	0	0	0	0	0	0	384
2000 Parks Levy Fund	554	59	0	0	0	0	0	0	613
2009 Multipurpose LTGO Bond Fund	734	0	0	0	0	0	0	0	734
To Be Determined	0	86	0	0	0	0	0	0	86
2008 Parks Levy Fund	2,194	1,557	0	0	0	0	0	0	3,751
Transportation Fund	9,160	0	1,399	1,200	4,843	0	0	0	16,602
REET II Capital Fund	1,723	0	0	0	0	0	0	0	1,723
Move Seattle Levy Fund	0	1,918	5,082	0	2,000	0	0	0	9,000
Transportation Benefit District Fund	1,643	0	0	0	0	0	0	0	1,643
Bridging the Gap Levy Fund	2,548	0	0	0	0	0	0	0	2,548
<b>Total:</b>	<b>20,247</b>	<b>3,620</b>	<b>6,481</b>	<b>1,200</b>	<b>6,843</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38,391</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	672	0	0	0	0	0	0	0	672
Cumulative Reserve Subfund - Unrestricted Subaccount	635	0	0	0	0	0	0	0	635
Transportation Bond Fund	384	0	0	0	0	0	0	0	384
2000 Parks Levy Fund	554	59	0	0	0	0	0	0	613
2009 Multipurpose LTGO Bond Fund	734	0	0	0	0	0	0	0	734
To Be Determined	0	86	0	0	0	0	0	0	86
2008 Parks Levy Fund	2,194	1,030	527	0	0	0	0	0	3,751
Transportation Fund	9,160	0	1,399	1,200	4,843	0	0	0	16,602
REET II Capital Fund	1,723	0	0	0	0	0	0	0	1,723
Move Seattle Levy Fund	0	1,918	5,082	0	2,000	0	0	0	9,000
Transportation Benefit District Fund	1,643	0	0	0	0	0	0	0	1,643
Bridging the Gap Levy Fund	2,548	0	0	0	0	0	0	0	2,548
<b>Total:</b>	<b>20,247</b>	<b>3,093</b>	<b>7,008</b>	<b>1,200</b>	<b>6,843</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38,392</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	22	23	24	0	0	0	69

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

Canton and Nord Alleys

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C065
<b>Start/End Date:</b>	2014-2018	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Nord AL/S Main St/S Jackson St
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$1,955	<b>Urban Village:</b>	Downtown

SDOT will pave the alleys, while community partners will manage the design, community outreach and construction of the lighting and beautification elements of the projects. The outcome of these projects will be a revitalized and safer pedestrian environment that engages both the community and businesses.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Street Vacations -CRSU	0	130	0	0	0	0	0	0	130
Federal Grant Funds	108	736	0	0	0	0	0	0	843
City Light Fund Revenues	37	183	0	0	0	0	0	0	220
Private Funding/Donations	103	350	0	0	0	0	0	0	453
User Fees	0	238	0	0	0	0	0	0	238
Real Estate Excise Tax II	0	71	0	0	0	0	0	0	71
<b>Total:</b>	248	1,707	0	0	0	0	0	0	1,955

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	130	0	0	0	0	0	0	130
Transportation Fund	248	1,507	0	0	0	0	0	0	1,754
REET II Capital Fund	0	71	0	0	0	0	0	0	71
<b>Total:</b>	248	1,707	0	0	0	0	0	0	1,955

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	130	0	0	0	0	0	0	130

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	248	1,507	0	0	0	0	0	0	1,754
REET II Capital Fund	0	71	0	0	0	0	0	0	71
<b>Total:</b>	248	1,707	0	0	0	0	0	0	1,955
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Center City Gateway and South Michigan Street Intelligent Transportation Systems (ITS)

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C012
<b>Start/End Date:</b>	2015-2021	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	S Spokane ST/Western AVE/E Marginal Way WAY
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$13,801	<b>Urban Village:</b>	Not in an Urban Village

The project will install traffic cameras, upgraded signals, vehicle detection devices and fiber communication in the Center City Gateway ITS and South Michigan Street ITS projects. A robust and reliable Intelligent Transportation System ensures that all modes of transportation can move through the City in a safe and sustainable manner.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	126	0	0	0	0	0	0	126
Federal Grant Funds	2,761	741	1,827	3,728	0	0	0	0	9,057
Street Vacations - SVF	1,189	111	0	0	0	0	0	0	1,300
Misc Future Revenue/Grants	0	0	0	0	3,319	0	0	0	3,319
<b>Total:</b>	3,950	978	1,827	3,728	3,319	0	0	0	13,802

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	126	0	0	0	0	0	0	126
Transportation Fund	3,950	852	1,827	3,728	3,319	0	0	0	13,676
<b>Total:</b>	3,950	978	1,827	3,728	3,319	0	0	0	13,802

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	126	0	0	0	0	0	0	126
Transportation Fund	3,950	852	1,827	3,728	3,319	0	0	0	13,676
<b>Total:</b>	3,950	978	1,827	3,728	3,319	0	0	0	13,802

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program



	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Center City Streetcar Connector**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C040
<b>Start/End Date:</b>	2012-TBD	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Procurement/Bid	<b>Location:</b>	Stewart St to Jackson St
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$192,060	<b>Urban Village:</b>	Multiple

The Center City Connector is a 1.27-mile segment of the Seattle Streetcar that will link the South Lake Union and First Hill Streetcar lines, creating a system that will connect over a dozen Seattle neighborhoods in Seattle's Center City. The project includes procurement of up to ten additional streetcars and design and construction of track and guideway; station shelters and platforms; overhead contact system; traction power substation; storage facility expansion; roadway and drainage; ADA curb ramps; curb space management; and urban streetscape. This project is on-hold pending the outcome of an assessment of engineering, design and financial analysis. Resources include LTGO Bonds for 2020 and 2021 that will be used to fund this project or to fund alternative transit options in the same corridor.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Street Vacations -CRSU	1,500	0	0	0	0	0	0	0	1,500
Transportation Bond Funds	0	0	0	0	25,000	0	0	0	25,000
2017 LTGO Bond Proceeds	3,640	1,061	0	0	0	0	0	0	4,701
Drainage and Wastewater Rates	0	677	1,100	3,417	100	0	0	0	5,294
Federal Grant Funds	909	29,683	0	37,567	15,041	0	0	0	83,200
City Light Fund Revenues	788	0	4,475	6,475	100	0	0	0	11,838
Water Rates	5,840	11,543	5,410	9,241	100	0	0	0	32,134
Commercial Parking Tax	0	0	500	0	0	0	0	0	500
Surplus Property Sales	2,450	0	0	0	0	0	0	0	2,450
Street Vacations - SVF	100	0	0	0	0	0	0	0	100
Vehicle Licensing Fees	3,968	0	0	0	0	0	0	0	3,968
Transportation Funding Package - Lid Lift	1,375	0	0	0	0	0	0	0	1,375
2020 LTGO Bond Proceeds	0	0	0	20,000	0	0	0	0	20,000
<b>Total:</b>	20,570	42,964	11,485	76,700	40,341	0	0	0	192,060

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,500	0	0	0	0	0	0	0	1,500
Future Bond Funds	0	0	0	0	25,000	0	0	0	25,000
2017 Multipurpose LTGO Bond Fund	3,640	1,061	0	0	0	0	0	0	4,701
Transportation Fund	10,087	41,903	11,485	56,700	15,341	0	0	0	135,516
Transportation Benefit District Fund	3,968	0	0	0	0	0	0	0	3,968
Bridging the Gap Levy Fund	1,375	0	0	0	0	0	0	0	1,375
2020 Multipurpose LTGO Bond Fund	0	0	0	20,000	0	0	0	0	20,000
<b>Total:</b>	20,570	42,964	11,485	76,700	40,341	0	0	0	192,060

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,500	0	0	0	0	0	0	0	1,500
Future Bond Funds	0	0	0	0	25,000	0	0	0	25,000
2017 Multipurpose LTGO Bond Fund	3,640	1,061	0	0	0	0	0	0	4,701
Transportation Fund	10,087	41,903	11,485	56,700	15,341	0	0	0	135,516
Transportation Benefit District Fund	3,968	0	0	0	0	0	0	0	3,968
Bridging the Gap Levy Fund	1,375	0	0	0	0	0	0	0	1,375
2020 Multipurpose LTGO Bond Fund	0	0	0	20,000	0	0	0	0	20,000
<b>Total:</b>	20,570	42,964	11,485	76,700	40,341	0	0	0	192,060

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Columbia Two-Way Street Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C056
<b>Start/End Date:</b>	2014-2018	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Columbia ST/1st AVE/3rd AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$3,014	<b>Urban Village:</b>	Downtown

This project consists of reconstructing Columbia between 1st & 3rd to a two-way roadway. Elements of the design and construction project will include, but is not limited to, pavement reconstruction/overlay, striping, signals, curb, sidewalk, drainage and other elements necessary to deliver a two-way roadway for transit.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
King County Funds	485	2,530	0	0	0	0	0	0	3,014
<b>Total:</b>	485	2,530	0	0	0	0	0	0	3,014

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	485	2,530	0	0	0	0	0	0	3,014
<b>Total:</b>	485	2,530	0	0	0	0	0	0	3,014

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	485	2,530	0	0	0	0	0	0	3,014
<b>Total:</b>	485	2,530	0	0	0	0	0	0	3,014

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

Delridge Multimodal Corridor

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C042
<b>Start/End Date:</b>	2016-2021	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Delridge AVE
<b>Neighborhood District:</b>	Delridge	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$47,000	<b>Urban Village:</b>	Not in an Urban Village

This project improves pavement conditions, enhances safety, and improves traffic operation for all modes. The project will add transit lanes and improve transit speed and reliability. It includes protected bike lanes, sidewalk improvements, and amenities for walkers and transit riders along the corridor. It will streamline traffic operations and improve multimodal connections between transit, freight, pedestrians, and general-purpose vehicles.

## CIP Staged Oversight Proviso

No more than \$3.4 million of the funds appropriated in the Mobility-Capital Budget Control Level may be expended for the Delridge Multimodal Corridor Project (MC-TR-C042) until authorized by future ordinance. It is anticipated that such authorization will not be granted until the Seattle Department of Transportation reports to the Sustainability & Transportation Committee, or its successor committee, on the 30% design baseline package, including a clear definition of the sidewalk and bicycle infrastructure improvements in the project scope.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	4,000	0	0	4,000
State Grant Funds	0	987	1,221	2,793	0	0	0	0	5,000
Misc Future Revenue/Grants	0	0	0	0	28,200	0	0	0	28,200
Transportation Move Seattle Levy - Lid Lift	782	508	510	3,947	3,753	0	0	0	9,500
Vehicle Licensing Fees	179	121	0	0	0	0	0	0	300
<b>Total:</b>	961	1,616	1,731	6,740	31,953	4,000	0	0	47,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	4,000	0	0	4,000
Transportation Fund	0	987	1,221	2,793	28,200	0	0	0	33,200
Move Seattle Levy Fund	782	508	510	3,947	3,753	0	0	0	9,500
Transportation Benefit District Fund	179	121	0	0	0	0	0	0	300
<b>Total:</b>	961	1,616	1,731	6,740	31,953	4,000	0	0	47,000

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	4,000	0	0	4,000
Transportation Fund	0	987	1,221	2,793	28,200	0	0	0	33,201
Move Seattle Levy Fund	782	508	510	3,947	3,753	0	0	0	9,500
Transportation Benefit District Fund	179	121	0	0	0	0	0	0	300
<b>Total:</b>	961	1,616	1,731	6,740	31,953	4,000	0	0	47,001
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Elliott Bay Seawall Project**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C014
<b>Start/End Date:</b>	2013-2019	<b>BSL/Program Code:</b>	BC-TR-19002
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Alaskan WAY/S Washington ST/Virginia ST
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$410,200	<b>Urban Village:</b>	Multiple

This project, created in 2013, is a critical public safety project to replace the existing seawall from S. Washington Street to Virginia Street with a structure that meets current safety and design standards. The project will also improve the nearshore ecosystem of Elliott Bay and provide opportunities for recreation and shoreline access. Costs incurred prior to 2013 are included in the Alaskan Way Viaduct Replacement project (TC66050).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
2012 LTGO Bond Proceeds	2,800	0	0	0	0	0	0	0	2,800
Seawall Levy	280,246	825	0	0	0	0	0	0	281,071
2015 LTGO Bond Proceeds	8,413	328	0	0	0	0	0	0	8,741
2017 LTGO Bond Proceeds	25,472	1,716	0	0	0	0	0	0	27,188
Parking Garage Disposition Proceeds	9,312	1	0	0	0	0	0	0	9,313
King County Funds	20,750	900	0	0	0	0	0	0	21,650
User Fees	10	750	0	0	0	0	0	0	760
Commercial Parking Tax	2,750	0	0	0	0	0	0	0	2,750
Real Estate Excise Tax II	12,091	3,796	0	0	0	0	0	0	15,887
2019 LTGO Bond Proceeds	0	0	4,200	0	0	0	0	0	4,200
<b>Total:</b>	<b>361,844</b>	<b>8,315</b>	<b>4,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>374,359</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2012 Multipurpose LTGO Bond Fund	2,800	0	0	0	0	0	0	0	2,800
Alaskan Way Seawall Construction Fund	280,246	825	0	0	0	0	0	0	281,071
2016 Multipurpose LTGO Bond Fund	8,413	328	0	0	0	0	0	0	8,741
2017 Multipurpose LTGO Bond Fund	25,472	1,716	0	0	0	0	0	0	27,188
Parking Garage Disposition Proceeds Fund	9,312	1	0	0	0	0	0	0	9,313
Transportation Fund	23,510	1,650	0	0	0	0	0	0	25,160
REET II Capital Fund	12,091	3,796	0	0	0	0	0	0	15,887
2019 Multipurpose LTGO Bond Fund	0	0	4,200	0	0	0	0	0	4,200
<b>Total:</b>	361,844	8,315	4,200	0	0	0	0	0	374,359

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2012 Multipurpose LTGO Bond Fund	2,800	0	0	0	0	0	0	0	2,800
Alaskan Way Seawall Construction Fund	280,246	825	0	0	0	0	0	0	281,071
2016 Multipurpose LTGO Bond Fund	8,413	328	0	0	0	0	0	0	8,741
2017 Multipurpose LTGO Bond Fund	25,472	1,235	480	0	0	0	0	0	27,188
Parking Garage Disposition Proceeds Fund	9,312	1	0	0	0	0	0	0	9,313
Transportation Fund	23,510	1,650	0	0	0	0	0	0	25,160
REET II Capital Fund	12,091	3,796	0	0	0	0	0	0	15,887
2019 Multipurpose LTGO Bond Fund	0	4,200	0	0	0	0	0	0	4,200
<b>Total:</b>	361,844	12,035	480	0	0	0	0	0	374,359

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program



# Seattle Department of Transportation

## Fauntleroy Way SW Boulevard

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C046
<b>Start/End Date:</b>	2012-2022	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Fauntleroy WAY SW/35th AVE SW/SW Alaska ST
<b>Neighborhood District:</b>	Southwest	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$19,454	<b>Urban Village:</b>	West Seattle Junction

This project transforms Fauntleroy Way SW into a boulevard. The project elements include: a planted median, signature lighting fixtures, a protected bicycle facility, a pedestrian zone with sidewalks and planting areas including street trees, pedestrian lighting, potential stormwater infrastructure and art, as well as safety improvements for crossing movements for all modes, including bicycle and pedestrian crossings, signals, reconfigured intersections and bulbs, and pavement improvements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	1,000	500	0	0	1,500
Commercial Parking Tax	57	143	0	0	0	0	0	0	200
Rubble Yard Proceeds	250	0	0	0	0	0	0	0	250
Real Estate Excise Tax I	71	0	0	0	0	0	0	0	71
Real Estate Excise Tax II	1,433	0	0	0	0	0	0	0	1,433
Transportation Move Seattle Levy - Lid Lift	800	232	1,735	940	1,960	10,333	0	0	16,000
<b>Total:</b>	2,611	375	1,735	940	2,960	10,833	0	0	19,454

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	307	143	0	0	1,000	500	0	0	1,950
REET I Capital Fund	71	0	0	0	0	0	0	0	71
REET II Capital Fund	1,433	0	0	0	0	0	0	0	1,433
Move Seattle Levy Fund	800	232	1,735	940	1,960	10,333	0	0	16,000
<b>Total:</b>	2,611	375	1,735	940	2,960	10,833	0	0	19,454

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	307	143	0	0	1,000	500	0	0	1,950
REET I Capital Fund	71	0	0	0	0	0	0	0	71
REET II Capital Fund	1,433	0	0	0	0	0	0	0	1,433

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Move Seattle Levy Fund	800	232	1,735	940	1,960	10,333	0	0	16,000
<b>Total:</b>	2,611	375	1,735	940	2,960	10,833	0	0	19,454
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

First Hill Streetcar

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C075
<b>Start/End Date:</b>	2009-2017	<b>BSL/Program Code:</b>	BC-TR-19002
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$140,668	<b>Urban Village:</b>	Multiple

This project constructs a modern, low-floor streetcar system connecting First Hill employment centers to the regional Link light rail system, including but not limited to the International District/Chinatown Station and the Capitol Hill Station (at Broadway and John Street). The system will provide reliable, frequent service with headways of approximately 10 minutes during peak periods. Service will operate 5 AM to 1 AM Monday through Saturday. On Sundays and holidays, service will operate 10 AM to 8 PM. A streetcar operations and maintenance facility and procurement of a six-vehicle streetcar fleet is also included in the scope of the project.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	1,266	0	0	0	0	0	0	0	1,266
Sound Transit Funds	132,181	0	0	0	0	0	0	0	132,181
Property Sales and Interest Earnings	4,698	0	0	0	0	0	0	0	4,698
Commercial Parking Tax	2,524	0	0	0	0	0	0	0	2,524
<b>Total:</b>	140,669	0	0	0	0	0	0	0	140,669

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	140,669	0	0	0	0	0	0	0	140,669
<b>Total:</b>	140,669	0	0	0	0	0	0	0	140,669

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	140,669	0	0	0	0	0	0	0	140,669
<b>Total:</b>	140,669	0	0	0	0	0	0	0	140,669

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Georgetown to South Park Trail

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C096
<b>Start/End Date:</b>	2018-2021	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$2,400	<b>Urban Village:</b>	South Park

This project will create a walkable, bikeable path uniting the Georgetown and South Park neighborhoods. The path will enhance walkability between Georgetown and South Park's historic Main Streets. Funding covers preliminary engineering, design, and outreach.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
Commercial Parking Tax	0	600	0	0	0	0	0	0	600
Misc Future Revenue/Grants	0	0	0	0	1,800	0	0	0	1,800
<b>Total:</b>	0	600	0	0	1,800	0	0	0	2,400

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
Transportation Fund	0	600	0	0	1,800	0	0	0	2,400
<b>Total:</b>	0	600	0	0	1,800	0	0	0	2,400

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
Transportation Fund	0	180	420	0	1,800	0	0	0	2,400
<b>Total:</b>	0	180	420	0	1,800	0	0	0	2,400

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Graham Street Station

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C082
<b>Start/End Date:</b>	2016-TBD	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	MLK between Graham and Morgan
<b>Neighborhood District:</b>	Southeast	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$10,000	<b>Urban Village:</b>	Columbia City

This project funds the City’s portion of an infill light rail station on the Sound Transit Central Link line near Martin Luther King Jr. Way South at South Graham Street, between the existing Columbia City and Othello Stations. The station would be in the northern portion of the MLK at Holly St Residential Urban Village. Funding from the Move Seattle Levy package is used to leverage a future partnership with Sound Transit.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Transportation Move	5	0	0	0	0	0	0	9,995	10,000
Seattle Levy - Lid Lift									
<b>Total:</b>	5	0	0	0	0	0	0	9,995	10,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Move Seattle Levy Fund	5	0	0	0	0	0	0	9,995	10,000
<b>Total:</b>	5	0	0	0	0	0	0	9,995	10,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Move Seattle Levy Fund	5	0	0	0	0	0	0	9,995	10,000
<b>Total:</b>	5	0	0	0	0	0	0	9,995	10,000

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

Heavy Haul Network Program

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C090
<b>Start/End Date:</b>	2016-2024	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	E Marginal WAY
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$48,619	<b>Urban Village:</b>	Not in an Urban Village

This program supports freight mobility by funding roadway improvements on the Heavy Haul Network (Ordinance 124890) to meet the needs of freight transported on our streets between Port facilities, rail yards, and industrial businesses. The limits of this project are E Marginal Way between S Atlantic St and 1 Ave S. The Port of Seattle, through Memorandum of Understanding, is to provide partnership funding. Improvements will include rebuilt roadways, signal and ITS enhancements and a protected bicycle facility to reduce conflicts between freight and non-motorized users.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	13,379	14,717	2,975	31,071
State Grant Funds	0	0	0	0	1,525	1,525	1,525	1,525	6,100
Misc Future Revenue/Grants	0	0	0	0	6,448	0	0	0	6,448
Transportation Move Seattle Levy - Lid Lift	409	545	875	3,171	0	0	0	0	5,000
<b>Total:</b>	409	545	875	3,171	7,973	14,904	16,242	4,500	48,619

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	13,379	14,717	2,975	31,071
Transportation Fund	0	0	0	0	7,973	1,525	1,525	1,525	12,548
Move Seattle Levy Fund	409	545	875	3,171	0	0	0	0	5,000
<b>Total:</b>	409	545	875	3,171	7,973	14,904	16,242	4,500	48,619

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	13,379	14,717	2,975	31,071
Transportation Fund	0	0	0	0	7,973	1,525	1,525	1,525	12,548
Move Seattle Levy Fund	409	545	875	3,171	0	0	0	0	5,000
<b>Total:</b>	409	545	875	3,171	7,973	14,904	16,242	4,500	48,619

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**King Street Station Tenant Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C049
<b>Start/End Date:</b>	2016-2018	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	301 S Jackson ST
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$5,150	<b>Urban Village:</b>	Pioneer Square

This project will make tenant improvements to King Street Station to make uninhabited spaces ready for occupation. Tenant improvements will include installation of HVAC and electrical connections, bathrooms, office space, finishes, and restoration of historic areas. The tenant improvements will incorporate features consistent with the City's Sustainable Building Policy and the full restoration and rehabilitation of the building, which was completed by SDOT in 2013.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Interdepartmental Transfer	247	3	0	0	0	0	0	0	250
Real Estate Excise Tax I	0	500	0	0	0	0	0	0	500
2018 LTGO Bond Proceeds	509	3,891	0	0	0	0	0	0	4,400
<b>Total:</b>	756	4,394	0	0	0	0	0	0	5,150

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	247	3	0	0	0	0	0	0	250
REET I Capital Fund	0	500	0	0	0	0	0	0	500
2018 Taxable LTGO Bond Fund	509	3,891	0	0	0	0	0	0	4,400
<b>Total:</b>	756	4,394	0	0	0	0	0	0	5,150

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	247	3	0	0	0	0	0	0	250
REET I Capital Fund	0	500	0	0	0	0	0	0	500
2018 Taxable LTGO Bond Fund	509	3,891	0	0	0	0	0	0	4,400
<b>Total:</b>	756	4,394	0	0	0	0	0	0	5,150

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

### Lynnwood Link Extension

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C089
<b>Start/End Date:</b>	2017-2024	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	TBD
<b>Neighborhood District:</b>	Northeast	<b>Council District:</b>	5
<b>Total Project Cost:</b>	\$560	<b>Urban Village:</b>	Northgate

This project provides design review, permitting, and construction support services for the Sound Transit Lynnwood Link Extension project. It builds four new light rail stations and will extend the connection from Northgate to Lynnwood.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Sound Transit Funds	75	125	60	60	60	60	60	60	560
<b>Total:</b>	75	125	60	60	60	60	60	60	560

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	75	125	60	60	60	60	60	60	560
<b>Total:</b>	75	125	60	60	60	60	60	60	560

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	75	125	60	60	60	60	60	60	560
<b>Total:</b>	75	125	60	60	60	60	60	60	560

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Madison Street Bus Rapid Transit**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C051
<b>Start/End Date:</b>	2013-2020	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Madison ST/Alaskan WAY/Martin Luther King Junior WAY E
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$121,411	<b>Urban Village:</b>	Multiple

This project will include concept design and environmental review of high-capacity transit and multimodal improvements in the Madison corridor between Alaskan Way and Martin Luther King Jr. Way, connecting the Central Area with the First Hill, Downtown, and Waterfront neighborhoods. The project is identified as a priority in the Transit Master Plan. This project will consider different electric trolley bus rapid transit options in determining the most effective approach to transit service within the project area.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
Drainage and Wastewater Rates	190	322	0	0	0	0	0	0	512
Federal Grant Funds	0	4,347	553	0	0	0	0	0	4,900
Interdepartmental Transfer	9	0	0	0	0	0	0	0	9
Private Funding/Donations	0	0	0	250	0	0	0	0	250
Misc Future Revenue/Grants	0	0	0	0	97,880	0	0	0	97,880
Real Estate Excise Tax II	150	0	0	0	0	0	0	0	150
Transportation Move Seattle Levy - Lid Lift	7,479	1,005	6,315	201	0	0	0	0	15,000
Vehicle Licensing Fees	1,000	0	0	0	0	0	0	0	1,000
Transportation Funding Package - Lid Lift	1,710	0	0	0	0	0	0	0	1,710
<b>Total:</b>	10,538	5,674	6,868	451	97,880	0	0	0	121,411

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
Transportation Fund	199	4,669	553	250	97,880	0	0	0	103,551
REET II Capital Fund	150	0	0	0	0	0	0	0	150
Move Seattle Levy Fund	7,479	1,005	6,315	201	0	0	0	0	15,000
Transportation Benefit District Fund	1,000	0	0	0	0	0	0	0	1,000
Bridging the Gap Levy Fund	1,710	0	0	0	0	0	0	0	1,710
<b>Total:</b>	10,538	5,674	6,868	451	97,880	0	0	0	121,411

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
Transportation Fund	199	4,569	653	250	97,880	0	0	0	103,551
REET II Capital Fund	150	0	0	0	0	0	0	0	150
Move Seattle Levy Fund	7,479	1,005	6,315	201	0	0	0	0	15,000
Transportation Benefit District Fund	1,000	0	0	0	0	0	0	0	1,000
Bridging the Gap Levy Fund	1,710	0	0	0	0	0	0	0	1,710
<b>Total:</b>	10,538	5,575	6,968	451	97,880	0	0	0	121,411

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Magnolia Bridge Replacement Project**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C083
<b>Start/End Date:</b>	2002-ON HOLD	<b>BSL/Program Code:</b>	BC-TR-19002
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>		<b>Location:</b>	W Garfield St/15th Ave W/Thorndyke Ave W
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$350,000	<b>Urban Village:</b>	Ballard-Interbay Northend

The environmental analysis for replacing this bridge evaluated several possible alternatives including rehabilitation of the existing structure. In 2007, an environmental assessment was published and described the preferred alternative, a new bridge south of and adjacent to the existing bridge. The Type, Size and Location (TS&L) Report was completed in 2007, selecting a concrete box girder supported on flared columns as the appropriate structure type for this new bridge. The structure will be a haunched concrete box at the highly visible section of the bridge over 15th Avenue NW and at the westerly high level bluff section. Current available funds will only allow completion of 50% of the design and contract plans. Funding to complete the design, purchase the necessary right-of-way, and construct the new bridge has not been identified. The estimate to complete the project is \$300-350 million.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	53	0	0	0	0	0	0	0	53
Federal Grant Funds	8,950	0	0	0	0	0	0	0	8,950
Transportation Funding Package - Business Transportation Tax	84	0	0	0	0	0	0	0	84
State Gas Taxes - City Street Fund	113	0	0	0	0	0	0	0	113
Commercial Parking Tax	211	0	0	0	0	0	0	0	211
Street Vacations - SVF	40	0	0	0	0	0	0	0	40
Real Estate Excise Tax II	348	0	0	0	0	0	0	0	348
Vehicle Licensing Fees	100	0	0	0	0	0	0	0	100
Transportation Funding Package - Lid Lift	131	0	0	0	0	0	0	0	131
<b>Total:</b>	10,030	0	0	0	0	0	0	0	10,030

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	53	0	0	0	0	0	0	0	53
Transportation Fund	9,398	0	0	0	0	0	0	0	9,398
REET II Capital Fund	348	0	0	0	0	0	0	0	348
Transportation Benefit District Fund	100	0	0	0	0	0	0	0	100
Bridging the Gap Levy Fund	131	0	0	0	0	0	0	0	131
<b>Total:</b>	10,030	0	0	0	0	0	0	0	10,030

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	53	0	0	0	0	0	0	0	53
Transportation Fund	9,398	0	0	0	0	0	0	0	9,398
REET II Capital Fund	348	0	0	0	0	0	0	0	348
Transportation Benefit District Fund	100	0	0	0	0	0	0	0	100
Bridging the Gap Levy Fund	131	0	0	0	0	0	0	0	131
<b>Total:</b>	10,030	0	0	0	0	0	0	0	10,030

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Market / 45th Multimodal Corridor**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C078
<b>Start/End Date:</b>	2019-2024	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	NW Market ST/N 45th ST
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$16,200	<b>Urban Village:</b>	Multiple

This project enhances transit speed and reliability on one of the city's primary east-west corridors and most chronically congested routes. The project adds intelligent transportation systems such as transit signal priority to improve bus travel times. It installs upgrades to transit stops and offers other rider amenities and enhances connections to northwest Seattle as well as the Ballard-Interbay Manufacturing Industrial Center.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	4,108	750	250	5,108
Commercial Parking Tax	0	50	0	0	0	0	0	0	50
Misc Future Revenue/Grants	0	0	0	0	1,592	0	0	0	1,592
Transportation Move Seattle Levy - Lid Lift	0	250	450	1,500	1,895	5,355	0	0	9,450
<b>Total:</b>	0	300	450	1,500	3,487	9,463	750	250	16,200

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	4,108	750	250	5,108
Transportation Fund	0	50	0	0	1,592	0	0	0	1,642
Move Seattle Levy Fund	0	250	450	1,500	1,895	5,355	0	0	9,450
<b>Total:</b>	0	300	450	1,500	3,487	9,463	750	250	16,200

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	4,108	750	250	5,108
Transportation Fund	0	0	50	0	1,592	0	0	0	1,642
Move Seattle Levy Fund	0	250	450	1,500	1,895	5,355	0	0	9,450
<b>Total:</b>	0	250	500	1,500	3,487	9,463	750	250	16,200

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**



## Seattle Department of Transportation

### Market to MOHAI

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C095
<b>Start/End Date:</b>	2018-2019	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Western Ave/Bell Street/Westlake Ave N
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$500	<b>Urban Village:</b>	Downtown

The Market to MOHAI project will include pedestrian improvements on Western Ave, Bell Street, and Westlake Ave N. These improvements could include street lighting, sidewalk paving markers, wayfinding markers, and other improvements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	500	0	0	0	0	0	0	500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET II Capital Fund	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	500	0	0	0	0	0	0	500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	0	40	460	0	0	0	0	0	500
<b>Total:</b>	0	40	460	0	0	0	0	0	500

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Mercer Corridor Project**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C016
<b>Start/End Date:</b>	1999-2018	<b>BSL/Program Code:</b>	BC-TR-19002
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Mercer St/Fairview Ave N/Dexter Ave N
<b>Neighborhood District:</b>	Lake Union	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$112,837	<b>Urban Village:</b>	Multiple

This project, part of the Bridging the Gap funding package, implements a comprehensive package of transportation improvements in the Mercer Corridor in South Lake Union. Improvements include, but are not limited to, a widened two-way Mercer St., improved pedestrian safety and access to Lake Union Park, and enhanced neighborhood circulation for all modes. The project aims to use existing street capacity more efficiently and enhance all modes of travel, including pedestrian mobility.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	194	0	0	0	0	0	0	0	194
2002 LTGO Bond Proceeds	400	0	0	0	0	0	0	0	400
2006 LTGO Bond Proceeds	2,500	0	0	0	0	0	0	0	2,500
2007 LTGO Bond Proceeds	16,300	0	0	0	0	0	0	0	16,300
2008 LTGO Bond Proceeds	38,211	0	0	0	0	0	0	0	38,211
Drainage and Wastewater Rates	1,780	0	0	0	0	0	0	0	1,780
Federal Grant Funds	10,598	0	0	0	0	0	0	0	10,598
City Light Fund Revenues	6,261	0	0	0	0	0	0	0	6,261
State Gas Taxes - City Street Fund	1,150	0	0	0	0	0	0	0	1,150
Private Funding/Donations	284	25	0	0	0	0	0	0	309
South Lake Union Property Sale Proceeds	50	0	0	0	0	0	0	0	50
Water Rates	2,129	0	0	0	0	0	0	0	2,129
Federal ARRA Funds: FHWA Highway Infrastructure Investment	30,000	0	0	0	0	0	0	0	30,000
Commercial Parking Tax	2,594	0	0	0	0	0	0	0	2,594
Real Estate Excise Tax II	361	0	0	0	0	0	0	0	361
<b>Total:</b>	<b>112,812</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>112,837</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	194	0	0	0	0	0	0	0	194
2002 LTGO Project	400	0	0	0	0	0	0	0	400
2006 LTGO Bond Fund	2,500	0	0	0	0	0	0	0	2,500
2007 Multipurpose LTGO Bond Fund	16,300	0	0	0	0	0	0	0	16,300
2008 Multipurpose LTGO Bond Fund	38,211	0	0	0	0	0	0	0	38,211
Transportation Fund	54,846	25	0	0	0	0	0	0	54,871
REET II Capital Fund	361	0	0	0	0	0	0	0	361
<b>Total:</b>	<b>112,812</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>112,837</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	194	0	0	0	0	0	0	0	194
2002 LTGO Project	400	0	0	0	0	0	0	0	400
2006 LTGO Bond Fund	2,500	0	0	0	0	0	0	0	2,500
2007 Multipurpose LTGO Bond Fund	16,300	0	0	0	0	0	0	0	16,300
2008 Multipurpose LTGO Bond Fund	38,211	0	0	0	0	0	0	0	38,211
Transportation Fund	54,846	25	0	0	0	0	0	0	54,871
REET II Capital Fund	361	0	0	0	0	0	0	0	361
<b>Total:</b>	<b>112,812</b>	<b>25</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>112,837</b>

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Mercer Corridor Project West Phase**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C017
<b>Start/End Date:</b>	2010-2022	<b>BSL/Program Code:</b>	BC-TR-19002
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Mercer ST/Elliott AVE W/Dexter AVE N
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$91,407	<b>Urban Village:</b>	Multiple

This project converts Mercer Street to a two-way street between Dexter Ave and Elliott Ave West. The Mercer underpass at Aurora Ave will be widened to allow for six travel lanes and a bicycle/pedestrian shared use path between Dexter Ave and 5th Ave North. Roy Street, between Fifth Ave N and Queen Anne Ave, will also be converted to a two-way street with on-road bicycle lanes.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Street Vacations -CRSU	8	197	0	0	0	0	0	0	205
2010 LTGO Bond Proceeds	12,100	0	0	0	0	0	0	0	12,100
2011 LTGO Bond Proceeds	13,110	0	0	0	0	0	0	0	13,110
2012 LTGO Bond Proceeds	5,000	0	0	0	0	0	0	0	5,000
Drainage and Wastewater Rates	1,034	0	0	0	0	0	0	0	1,034
Federal Grant Funds	8,098	0	0	0	0	0	0	0	8,098
City Light Fund Revenues	5,998	0	0	0	0	0	0	0	5,998
King County Funds	1,014	0	0	0	0	0	0	0	1,014
Partnership Funds	345	0	0	0	0	0	0	0	345
Private Funding/Donations	1,175	0	0	0	0	0	0	0	1,175
State Grant Funds	3,312	0	0	0	0	0	0	0	3,312
Water Rates	705	0	0	0	0	0	0	0	705
Federal ARRA Funds: FHWA Highway Infrastructure Investment	14,000	0	0	0	0	0	0	0	14,000
Commercial Parking Tax	292	3,600	0	0	0	0	0	0	3,892
Surplus Property Sales	17,410	1,959	0	0	0	0	0	0	19,369
Partnership - WSDOT	2,049	0	0	0	0	0	0	0	2,049
<b>Total:</b>	<b>85,649</b>	<b>5,756</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>91,405</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	8	197	0	0	0	0	0	0	205
2010 Multipurpose LTGO Bond Fund	12,100	0	0	0	0	0	0	0	12,100
2011 Multipurpose LTGO Bond Fund	13,110	0	0	0	0	0	0	0	13,110
2012 Multipurpose LTGO Bond Fund	5,000	0	0	0	0	0	0	0	5,000
Transportation Fund	55,431	5,559	0	0	0	0	0	0	60,990
<b>Total:</b>	<b>85,649</b>	<b>5,756</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>91,405</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	8	37	40	40	40	40	0	0	205
2010 Multipurpose LTGO Bond Fund	12,100	0	0	0	0	0	0	0	12,100
2011 Multipurpose LTGO Bond Fund	13,110	0	0	0	0	0	0	0	13,110
2012 Multipurpose LTGO Bond Fund	5,000	0	0	0	0	0	0	0	5,000
Transportation Fund	55,431	5,559	0	0	0	0	0	0	60,991
<b>Total:</b>	<b>85,649</b>	<b>5,596</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>91,406</b>

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**NE 43rd Street Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C074
<b>Start/End Date:</b>	2017-2021	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	NE 43rd ST/Brooklyn/15th AVE
<b>Neighborhood District:</b>	Northeast	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$3,160	<b>Urban Village:</b>	University District

This project will implement streetscape and pedestrian improvements on NE 43rd Street between Brooklyn and 15th to improve access to the Link Light Rail station, which is scheduled to open in 2021. There is the potential for future agency/institution/developer contributions. The project development phase could begin in 2017. As part of project development, the project will include consideration and analysis of closing NE 43rd Street to all motorized vehicles. In the 2018 budget process, Council adopted a proviso that prohibits 2018 spending for this project to be used for construction unless the project scope includes the full closure of NE 43rd Street between Brooklyn Ave NE and 15th Ave NE to general purpose vehicular traffic.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Commercial Parking Tax	0	1,540	0	94	1,526	0	0	0	3,160
<b>Total:</b>	0	1,540	0	94	1,526	0	0	0	3,160

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	0	1,540	0	94	1,526	0	0	0	3,160
<b>Total:</b>	0	1,540	0	94	1,526	0	0	0	3,160

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	0	40	310	1,284	1,526	0	0	0	3,160
<b>Total:</b>	0	40	310	1,284	1,526	0	0	0	3,160

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

### Northgate Bike and Pedestrian Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C055
<b>Start/End Date:</b>	2017-2019	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Various
<b>Neighborhood District:</b>	North	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$1,462	<b>Urban Village:</b>	Northgate

This project will construct sidewalk improvements on NE 95th St and NE 98th St. This project is one of the pedestrian and bike improvements being implemented as part of an agreement with Sound Transit to enhance access to the planned Light Rail station at Northgate. Locations: 1) NE 95th St between 1st Ave NE and 5th Avenue NE, and 2) NE 98th St between 5th Ave NE and 8th Ave NE.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
State Grant Funds	0	462	0	0	0	0	0	0	462
Commercial Parking Tax	0	500	0	0	0	0	0	0	500
Real Estate Excise Tax II	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	1,462	0	0	0	0	0	0	1,462

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	0	962	0	0	0	0	0	0	962
REET II Capital Fund	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	1,462	0	0	0	0	0	0	1,462

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	0	38	924	0	0	0	0	0	962
REET II Capital Fund	0	260	240	0	0	0	0	0	500
<b>Total:</b>	0	298	1,164	0	0	0	0	0	1,462

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Northgate Bridge and Cycle Track**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C030
<b>Start/End Date:</b>	2013-2021	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	North	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$44,657	<b>Urban Village:</b>	Northgate

This project will construct pedestrian and bicycle improvements to enhance access to the planned Sound Transit Light Rail station at Northgate. The improvements include a pedestrian and bike bridge over I-5 and a protected bike lane and multi-use path along 1st Avenue NE.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
2017 LTGO Bond Proceeds	0	2,580	0	0	0	0	0	0	2,580
Federal Grant Funds	1,313	0	0	0	0	0	0	0	1,313
City Light Fund Revenues	0	43	0	154	0	0	0	0	197
Sound Transit Funds	0	0	3,813	3,187	300	0	0	0	7,300
User Fees	896	0	3,000	88	0	0	0	0	3,984
Street Vacations - SVF	472	439	100	72	0	0	0	0	1,084
Partnership - WSDOT	0	0	5,000	5,000	0	0	0	0	10,000
Real Estate Excise Tax I	342	1,666	992	0	0	0	0	0	3,000
Transportation Move Seattle Levy - Lid Lift	2,246	0	6,138	6,616	0	0	0	0	15,000
Transportation Funding Package - Lid Lift	200	0	0	0	0	0	0	0	200
<b>Total:</b>	5,469	4,728	19,044	15,117	300	0	0	0	44,658

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
2017 Multipurpose LTGO Bond Fund	0	2,580	0	0	0	0	0	0	2,580
Transportation Fund	2,681	482	11,913	8,501	300	0	0	0	23,878
REET I Capital Fund	342	1,666	992	0	0	0	0	0	3,000
Move Seattle Levy Fund	2,246	0	6,138	6,616	0	0	0	0	15,000
Bridging the Gap Levy Fund	200	0	0	0	0	0	0	0	200
<b>Total:</b>	5,469	4,728	19,044	15,117	300	0	0	0	44,658

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2017 Multipurpose LTGO Bond Fund	0	0	2,008	472	100	0	0	0	2,580
Transportation Fund	2,681	482	11,913	8,501	300	0	0	0	23,877
REET I Capital Fund	342	1,665	992	0	0	0	0	0	3,000
Move Seattle Levy Fund	2,246	0	6,138	6,616	0	0	0	0	15,000
Bridging the Gap Levy Fund	200	0	0	0	0	0	0	0	200
<b>Total:</b>	<b>5,469</b>	<b>2,148</b>	<b>21,051</b>	<b>15,589</b>	<b>400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>44,657</b>
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	100	100	100	100	400

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### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Overlook Walk and East-West Connections Project**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C073
<b>Start/End Date:</b>	2013-2024	<b>BSL/Program Code:</b>	BC-TR-19002
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$174,340	<b>Urban Village:</b>	Downtown

Removing the Alaskan Way Viaduct provides the opportunity for the City to improve key connections between the downtown core and the waterfront. The specific east/west streets targeted for improving connections include: Bell Street, Union Street, Pike Street, Pine Street, Main Street, Washington Street, and Railroad Way. In addition to these east/west street connections, the waterfront improvement program also includes Overlook Walk, which would provide a pedestrian oriented connection between the waterfront, the Aquarium and Pike Place Market with ADA access, views, and public open spaces. This project is part of the overall waterfront improvement program. Expenditures to the Local Improvement District Bonds revenue source that occur prior to 2020 represent anticipated future bond sales. This funding is currently supported through the Central Waterfront Improvement Fund's interfund loan, which Council approved via Ordinance 124345.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Transportation Bond Funds	0	0	0	0	0	0	750	0	750
2021 LTGO Bond Proceeds	0	0	0	0	4,260	0	0	0	4,260
2022 LTGO Bond Proceeds	0	0	0	0	0	2,130	0	0	2,130
Private Funding/Donations	0	0	0	4,355	19,105	16,017	1,503	400	41,380
Local Improvement District Bonds	2,501	1,410	4,790	7,648	47,600	43,991	3,090	350	111,380
2015 LTGO Bond Proceeds	1,162	217	0	0	0	0	0	0	1,379
User Fees	2,910	660	205	0	0	0	0	0	3,775
2017 LTGO Bond Proceeds	2,086	1,195	0	0	0	0	0	0	3,281
2018 LTGO Bond Proceeds	0	3,280	0	0	0	0	0	0	3,280
2019 LTGO Bond Proceeds	0	0	1,000	0	0	0	0	0	1,000
2020 LTGO Bond Proceeds	0	0	0	1,725	0	0	0	0	1,725
<b>Total:</b>	<b>8,659</b>	<b>6,762</b>	<b>5,995</b>	<b>13,728</b>	<b>70,965</b>	<b>62,138</b>	<b>5,343</b>	<b>750</b>	<b>174,340</b>

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**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Future Bond Funds	0	0	0	0	4,260	2,130	750	0	7,140
Central Waterfront Improvement Fund	2,501	1,410	4,790	12,003	66,705	60,008	4,593	750	152,760
2015 Multipurpose LTGO Bond Fund	1,162	217	0	0	0	0	0	0	1,379
Transportation Fund	2,910	660	205	0	0	0	0	0	3,775
2017 Taxable LTGO Bond Fund	2,086	1,195	0	0	0	0	0	0	3,281
2018 Taxable LTGO Bond Fund	0	3,280	0	0	0	0	0	0	3,280
2019 Taxable LTGO Bond Fund	0	0	1,000	0	0	0	0	0	1,000
2020 Taxable LTGO Bond Fund	0	0	0	1,725	0	0	0	0	1,725
<b>Total:</b>	<b>8,659</b>	<b>6,762</b>	<b>5,995</b>	<b>13,728</b>	<b>70,965</b>	<b>62,138</b>	<b>5,343</b>	<b>750</b>	<b>174,340</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Future Bond Funds	0	0	0	0	4,260	2,130	750	0	7,140
Central Waterfront Improvement Fund	2,501	1,410	4,790	12,003	66,705	60,008	4,593	750	152,760
2015 Multipurpose LTGO Bond Fund	1,162	217	0	0	0	0	0	0	1,379
Transportation Fund	2,910	660	205	0	0	0	0	0	3,775
2017 Taxable LTGO Bond Fund	2,086	1,195	0	0	0	0	0	0	3,281
2018 Taxable LTGO Bond Fund	0	3,280	0	0	0	0	0	0	3,280
2019 Taxable LTGO Bond Fund	0	0	1,000	0	0	0	0	0	1,000
2020 Taxable LTGO Bond Fund	0	0	0	1,725	0	0	0	0	1,725
<b>Total:</b>	<b>8,659</b>	<b>6,762</b>	<b>5,995</b>	<b>13,728</b>	<b>70,965</b>	<b>62,138</b>	<b>5,343</b>	<b>750</b>	<b>174,340</b>

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

Pay Stations

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C024
<b>Start/End Date:</b>	2004-2018	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$31,334	<b>Urban Village:</b>	Multiple

This project funds the installation of parking pay stations to manage on-street parking and improve access for visitors and customers in commercial and retail areas. From 2015 through 2017, SDOT is replacing its aging pay stations through a new vendor with a combination of brand new pay stations and retrofit pay stations (keeping the older stainless steel housing where possible but installing new technology and software.) SDOT has adopted an "Asset Lite" strategy, replacing 15%-20% fewer pay stations, while keeping at least one pay station on every block. By the end of 2017, SDOT will have installed 1030 new pay stations and 580 retrofit pay stations. The project includes the transition from pay and display payment to pay-by-plate payment, which will be accomplished in 2018. As other neighborhood parking plans are completed through SDOT's Community Access and Parking Program, and paid parking is otherwise expanded to new areas, supplemental budget will be requested for this project to install paid parking in these new areas.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	2,306	51	0	0	0	0	0	0	2,357
2007 LTGO Bond Proceeds	3,400	0	0	0	0	0	0	0	3,400
2008 LTGO Bond Proceeds	2,175	0	0	0	0	0	0	0	2,175
2010 LTGO Bond Proceeds	2,026	0	0	0	0	0	0	0	2,026
2005 LTGO Bond Proceeds	10,313	0	0	0	0	0	0	0	10,313
2015 LTGO Bond Proceeds	5,870	1,346	0	0	0	0	0	0	7,216
2018 LTGO Bond Proceeds	0	1,920	0	0	0	0	0	0	1,920
Parking Garage Disposition Proceeds	1,927	0	0	0	0	0	0	0	1,927
<b>Total:</b>	<b>28,017</b>	<b>3,317</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,334</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	2,306	51	0	0	0	0	0	0	2,357
2007 Multipurpose LTGO Bond Fund	3,400	0	0	0	0	0	0	0	3,400
2008 Multipurpose LTGO Bond Fund	2,175	0	0	0	0	0	0	0	2,175
2010 Multipurpose LTGO Bond Fund	2,026	0	0	0	0	0	0	0	2,026
To Be Determined	10,313	0	0	0	0	0	0	0	10,313
2016 Multipurpose LTGO Bond Fund	5,870	1,346	0	0	0	0	0	0	7,216
2018 Multipurpose LTGO Bond Fund	0	1,920	0	0	0	0	0	0	1,920
Parking Garage Disposition Proceeds Fund	1,927	0	0	0	0	0	0	0	1,927
<b>Total:</b>	<b>28,017</b>	<b>3,317</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,334</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	2,306	51	0	0	0	0	0	0	2,357
2007 Multipurpose LTGO Bond Fund	3,400	0	0	0	0	0	0	0	3,400
2008 Multipurpose LTGO Bond Fund	2,175	0	0	0	0	0	0	0	2,175
2010 Multipurpose LTGO Bond Fund	2,026	0	0	0	0	0	0	0	2,026
To Be Determined	10,313	0	0	0	0	0	0	0	10,313
2016 Multipurpose LTGO Bond Fund	5,870	1,346	0	0	0	0	0	0	7,216
2018 Multipurpose LTGO Bond Fund	0	1,915	5	0	0	0	0	0	1,920
Parking Garage Disposition Proceeds Fund	1,927	0	0	0	0	0	0	0	1,927
<b>Total:</b>	<b>28,017</b>	<b>3,312</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,334</b>

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Rainier/Jackson Multimodal Corridor**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C053
<b>Start/End Date:</b>	2016-2023	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Rainier AVE/Jackson ST
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$23,995	<b>Urban Village:</b>	Multiple

This project enhances transit speed and reliability, as well as improving the bus rider experience along a critical transit corridor. The project will upgrade bus stops and add transit signal priority at intersections, improve facilities for people who walk along the corridor, leverage paving investments and extend the useful life of the existing roadway.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	250	50	0	300
Federal Grant Funds	0	1,200	1,800	0	0	0	0	0	3,000
Misc Future Revenue/Grants	0	0	0	0	4,400	0	0	0	4,400
Transportation Move Seattle Levy - Lid Lift	760	300	950	2,425	3,065	1,000	0	0	8,499
<b>Total:</b>	760	1,500	2,750	2,425	7,465	1,250	50	0	16,199

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	250	50	0	300
Transportation Fund	0	1,200	1,800	0	4,400	0	0	0	7,400
Move Seattle Levy Fund	760	300	950	2,425	3,065	1,000	0	0	8,499
<b>Total:</b>	760	1,500	2,750	2,425	7,465	1,250	50	0	16,199

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	250	50	0	300
Transportation Fund	0	1,200	1,800	0	4,400	0	0	0	7,400
Move Seattle Levy Fund	760	300	950	2,425	3,065	1,000	0	0	8,500
<b>Total:</b>	760	1,500	2,750	2,425	7,465	1,250	50	0	16,200

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

Roosevelt Multimodal Corridor

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C013
<b>Start/End Date:</b>	2013-2023	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Eastlake AVE/Stewart ST/NE 65th ST
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$75,583	<b>Urban Village:</b>	Multiple

This project will develop and implement a range of transit and street improvements in the Eastlake Avenue corridor connecting the University District, Eastlake and South Lake Union neighborhoods between Downtown and the Roosevelt Link LRT station area. The corridor is identified as a priority in the Transit Master Plan. This project will identify, prioritize, design and construct the highest priority "speed and reliability" improvements to existing bus service without excluding the potential for longer-term implementation of High Capacity Transit options. The project will also consider an improved ROW profile to best accommodate the corridor's multi-modal demands, along with the recommendations reflected in each of the City's adopted modal transportation plans and the respective neighborhood plans.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Street Vacations -CRSU	650	0	0	0	0	0	0	0	650
To Be Determined	0	0	0	0	0	17,421	9,889	0	27,310
Commercial Parking Tax	700	0	0	0	0	0	0	0	700
Misc Future Revenue/Grants	0	0	0	0	38,073	0	0	0	38,073
Real Estate Excise Tax II	350	0	0	0	0	0	0	0	350
Transportation Move Seattle Levy - Lid Lift	2,106	2,240	1,565	2,589	0	0	0	0	8,500
<b>Total:</b>	<b>3,806</b>	<b>2,240</b>	<b>1,565</b>	<b>2,589</b>	<b>38,073</b>	<b>17,421</b>	<b>9,889</b>	<b>0</b>	<b>75,583</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	650	0	0	0	0	0	0	0	650
To Be Determined	0	0	0	0	0	17,421	9,889	0	27,310
Transportation Fund	700	0	0	0	38,073	0	0	0	38,773
REET II Capital Fund	350	0	0	0	0	0	0	0	350
Move Seattle Levy Fund	2,106	2,240	1,565	2,589	0	0	0	0	8,500
<b>Total:</b>	<b>3,806</b>	<b>2,240</b>	<b>1,565</b>	<b>2,589</b>	<b>38,073</b>	<b>17,421</b>	<b>9,889</b>	<b>0</b>	<b>75,583</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	650	0	0	0	0	0	0	0	650
To Be Determined	0	0	0	0	0	17,421	9,889	0	27,310
Transportation Fund	700	0	0	0	38,073	0	0	0	38,773
REET II Capital Fund	350	0	0	0	0	0	0	0	350
Move Seattle Levy Fund	2,106	2,240	1,565	2,589	0	0	0	0	8,500
<b>Total:</b>	<b>3,806</b>	<b>2,240</b>	<b>1,565</b>	<b>2,589</b>	<b>38,073</b>	<b>17,421</b>	<b>9,889</b>	<b>0</b>	<b>75,583</b>

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Route 40 Northgate to Downtown Transit Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C079
<b>Start/End Date:</b>	2016-2024	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$23,900	<b>Urban Village:</b>	Multiple

This project will design and construct transit speed and reliability improvements and upgraded bus stop passenger facilities. Improvements to the route, which connects Downtown, South Lake Union, Fremont, Ballard, and Northgate, will support conversion to RapidRide service by partner agency King County Metro.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	4,168	1,000	5	5,173
Misc Future Revenue/Grants	0	0	0	0	9,227	0	0	0	9,227
Transportation Move Seattle Levy - Lid Lift	0	250	1,000	1,500	4,012	0	0	2,738	9,500
<b>Total:</b>	0	250	1,000	1,500	13,239	4,168	1,000	2,743	23,900

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	4,168	1,000	5	5,173
Transportation Fund	0	0	0	0	9,227	0	0	0	9,227
Move Seattle Levy Fund	0	250	1,000	1,500	4,012	0	0	2,738	9,500
<b>Total:</b>	0	250	1,000	1,500	13,239	4,168	1,000	2,743	23,900

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	4,168	1,000	5	5,173
Transportation Fund	0	0	0	0	9,227	0	0	0	9,227
Move Seattle Levy Fund	0	250	1,000	1,500	4,012	0	0	2,738	9,500
<b>Total:</b>	0	250	1,000	1,500	13,239	4,168	1,000	2,743	23,900

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Route 48 South Electrification**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C081
<b>Start/End Date:</b>	2018-2021	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$7,080	<b>Urban Village:</b>	Multiple

This project will begin design of transit-related elements from Rainier Avenue South to NE 50th Street. The project includes two elements: 1) electrification of two gaps in the electric trolley network in order to convert King County Metro's Route 48 South to electric trolley bus operation and 2) transit operational, facility and access improvements along the two segments of Route 48 South. Elements could include bus stop improvements, thicker pavement at bus stops, upgrades to passenger amenities, and access improvements for pedestrians and cyclists connecting to bus stops.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
Federal Grant Funds	0	0	5,297	160	0	0	0	0	5,457
Misc Future Revenue/Grants	0	0	0	0	597	0	0	0	597
Transportation Move Seattle Levy - Lid Lift	0	187	800	40	0	0	0	0	1,027
<b>Total:</b>	0	187	6,097	200	597	0	0	0	7,081

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
Transportation Fund	0	0	5,297	160	597	0	0	0	6,054
Move Seattle Levy Fund	0	187	800	40	0	0	0	0	1,027
<b>Total:</b>	0	187	6,097	200	597	0	0	0	7,081

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
Transportation Fund	0	0	5,297	160	597	0	0	0	6,054
Move Seattle Levy Fund	0	187	800	40	0	0	0	0	1,027
<b>Total:</b>	0	187	6,097	200	597	0	0	0	7,081

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**S Lander St. Grade Separation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C028
<b>Start/End Date:</b>	2001-2023	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	S Lander St/1st Ave S/4th Ave S
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$102,533	<b>Urban Village:</b>	Not in an Urban Village

This project constructs a grade separation of the S Lander St. roadway and the Burlington Northern mainline railroad tracks between First Avenue S and Fourth Avenue S.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
2008 LTGO Bond Proceeds	2,213	0	0	0	0	0	0	0	2,213
2017 LTGO Bond Proceeds	0	4,050	0	0	0	0	0	0	4,050
Parking Garage Disposition Proceeds	2,200	0	0	0	0	0	0	0	2,200
Drainage and Wastewater Rates	10	500	775	0	0	0	0	0	1,285
Federal Grant Funds	100	8,000	14,500	14,500	0	0	0	0	37,100
City Light Fund Revenues	0	350	375	0	0	0	0	0	725
State Gas Taxes - City Street Fund	185	0	0	0	0	0	0	0	185
King County Funds	0	200	200	0	0	0	0	0	400
Port of Seattle Funds	0	2,000	6,000	2,000	0	0	0	0	10,000
Private Funding/Donations	0	0	0	2,500	0	0	0	0	2,500
State Grant Funds	1,635	2,567	6,433	3,265	0	0	0	0	13,900
Water Rates	145	1,000	575	0	0	0	0	0	1,720
Real Estate Excise Tax II	922	210	369	5,248	0	0	0	0	6,750
Transportation Move Seattle Levy - Lid Lift	3,000	3,000	5,825	1,585	6,039	20	0	0	19,470
Vehicle Licensing Fees	35	0	0	0	0	0	0	0	35
<b>Total:</b>	10,445	21,878	35,052	29,099	6,039	20	0	0	102,533

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Multipurpose LTGO Bond Fund	2,213	0	0	0	0	0	0	0	2,213
2017 Multipurpose LTGO Bond Fund	0	4,050	0	0	0	0	0	0	4,050
Parking Garage Disposition Proceeds Fund	2,200	0	0	0	0	0	0	0	2,200
Transportation Fund	2,075	14,617	28,858	22,265	0	0	0	0	67,815
REET II Capital Fund	922	210	369	5,248	0	0	0	0	6,750
Move Seattle Levy Fund	3,000	3,000	5,825	1,585	6,039	20	0	0	19,470
Transportation Benefit District Fund	35	0	0	0	0	0	0	0	35
<b>Total:</b>	10,445	21,878	35,052	29,099	6,039	20	0	0	102,533

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2008 Multipurpose LTGO Bond Fund	2,213	0	0	0	0	0	0	0	2,213
2017 Multipurpose LTGO Bond Fund	0	969	1,209	1,872	0	0	0	0	4,050
Parking Garage Disposition Proceeds Fund	2,200	0	0	0	0	0	0	0	2,200
Transportation Fund	2,075	14,617	28,858	22,265	0	0	0	0	67,815
REET II Capital Fund	922	211	369	5,249	0	0	0	0	6,750
Move Seattle Levy Fund	3,000	3,000	5,825	1,585	6,039	20	0	0	19,470
Transportation Benefit District Fund	35	0	0	0	0	0	0	0	35
<b>Total:</b>	10,445	18,798	36,261	30,971	6,039	20	0	0	102,534

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Sound Transit - East Link

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C004
<b>Start/End Date:</b>	2013-2023	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$957	<b>Urban Village:</b>	Multiple

This project provides design review, permitting, and construction support services for the Sound Transit East Link Extension project. It will provide a connection from the Eastside to downtown Seattle, Sea-Tac Airport and the University of Washington. Ten stations will serve Seattle, Mercer Island, Bellevue, Bel-Red and Overlake in Redmond.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Sound Transit Funds	193	414	70	70	70	70	70	0	957
<b>Total:</b>	193	414	70	70	70	70	70	0	957
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	193	414	70	70	70	70	70	0	957
<b>Total:</b>	193	414	70	70	70	70	70	0	957
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	193	414	70	70	70	70	70	0	957
<b>Total:</b>	193	414	70	70	70	70	70	0	957
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Seattle Department of Transportation

### Sound Transit North Link

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C027
<b>Start/End Date:</b>	2011-2021	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$2,431	<b>Urban Village:</b>	Multiple

This project provides design review, permitting, and construction support services for the Sound Transit North Link project (University District to Northgate). The 4.3-mile line includes stations at Northgate, the Roosevelt neighborhood and the University District.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Sound Transit Funds	1,032	768	310	252	69	0	0	0	2,431
<b>Total:</b>	1,032	768	310	252	69	0	0	0	2,431
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	1,032	768	310	252	69	0	0	0	2,431
<b>Total:</b>	1,032	768	310	252	69	0	0	0	2,431
<b>Spending Plan</b>									
Transportation Fund	1,032	768	310	252	69	0	0	0	2,431
<b>Total:</b>	1,032	768	310	252	69	0	0	0	2,431
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## Seattle Department of Transportation

### SPU Drainage Partnership - Broadview Pedestrian Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C036
<b>Start/End Date:</b>	2016-2021	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	5
<b>Total Project Cost:</b>	\$8,000	<b>Urban Village:</b>	Bitter Lake Village

This project funding will be used to install pedestrian improvements as part of SPU’s larger Broadview Sewer and Drainage Improvement project. The Broadview sewer system was built in the 1950’s and cannot handle the combination of additional flow from the homes and business that have developed since then and the additional storm water that is entering the system from downspouts directly connected to the sewer system as well as additional storm water entering through deteriorated pipes. This area is also lacking conventional sidewalks and would benefit from pedestrian improvements. The overall project goal is to reduce the potential for sewer backups and surface flooding for the Broadview neighborhood.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Transportation Move Seattle Levy - Lid Lift	44	200	1,500	3,100	3,156	0	0	0	8,000
<b>Total:</b>	44	200	1,500	3,100	3,156	0	0	0	8,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Move Seattle Levy Fund	44	200	1,500	3,100	3,156	0	0	0	8,000
<b>Total:</b>	44	200	1,500	3,100	3,156	0	0	0	8,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Move Seattle Levy Fund	44	200	1,500	3,100	3,156	0	0	0	8,000
<b>Total:</b>	44	200	1,500	3,100	3,156	0	0	0	8,000

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

### SPU Drainage Partnership - South Park

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C054
<b>Start/End Date:</b>	2016-2021	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	TBD
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$10,000	<b>Urban Village:</b>	South Park

This funding will be used to partner with SPU’s South Park Drainage Improvement projects. SPU is planning to install a pump station to control flooding in the South Park area. However, that alone will not control flooding. Many streets in the area are in really poor condition and don’t have a street drainage collection system. This funding will allow SPU and SDOT to partner to install the needed collection systems and repair the deteriorated roads.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Transportation Move Seattle Levy - Lid Lift	42	320	1,200	5,000	3,438	0	0	0	10,000
<b>Total:</b>	42	320	1,200	5,000	3,438	0	0	0	10,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Move Seattle Levy Fund	42	320	1,200	5,000	3,438	0	0	0	10,000
<b>Total:</b>	42	320	1,200	5,000	3,438	0	0	0	10,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Move Seattle Levy Fund	42	320	1,200	5,000	3,438	0	0	0	10,000
<b>Total:</b>	42	320	1,200	5,000	3,438	0	0	0	10,000

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

### SR-520 Project

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-TR-C087
<b>Start/End Date:</b>	2002-2024	<b>BSL/Program Code:</b>	BC-TR-19002
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	SR520 WB/Montlake Bv Off Rp/15 NB On Rp
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$13,199	<b>Urban Village:</b>	Multiple

This project provides policy, planning, and technical analysis support to the Seattle Department of Transportation Director and elected officials to review and comment on the Environmental Impact Statement and the design for SR-520. This regional project included the work associated with the replacement of the SR-520 bridge with a six-lane bridge, new freeway interchanges at Montlake Boulevard and Lake Washington Boulevard, and other improvements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	33	0	0	0	0	0	0	0	33
State Gas Taxes - City Street Fund	780	599	130	134	138	138	138	138	2,195
Private Funding/Donations	543	0	0	0	0	0	0	0	543
Street Vacations - SVF	54	0	0	0	0	0	0	0	54
Partnership - WSDOT	1,767	1,568	1,154	1,154	1,154	1,154	1,154	1,154	10,259
Real Estate Excise Tax I	54	0	0	0	0	0	0	0	54
Vehicle Licensing Fees	60	0	0	0	0	0	0	0	60
<b>Total:</b>	3,291	2,167	1,284	1,288	1,292	1,292	1,292	1,292	13,198

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	33	0	0	0	0	0	0	0	33
Transportation Fund	3,144	2,167	1,284	1,288	1,292	1,292	1,292	1,292	13,051
REET I Capital Fund	54	0	0	0	0	0	0	0	54
Transportation Benefit District Fund	60	0	0	0	0	0	0	0	60
<b>Total:</b>	3,291	2,167	1,284	1,288	1,292	1,292	1,292	1,292	13,198

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	33	0	0	0	0	0	0	0	33

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	3,144	2,168	1,284	1,288	1,292	1,292	1,292	1,292	13,052
REET I Capital Fund	54	0	0	0	0	0	0	0	54
Transportation Benefit District Fund	60	0	0	0	0	0	0	0	60
<b>Total:</b>	3,291	2,168	1,284	1,288	1,292	1,292	1,292	1,292	13,199
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Accela Permitting System

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C001
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project will migrate SDOT permitting operations from the Hansen 7 system to the new Citywide Accela permitting platform. The vision for Accela is to create a fully integrated permitting system that provides an online “all in one place experience” for Seattle customers and staff. Once the initial migration is complete, this project will provide ongoing funding for routine system improvements as well as periodic major upgrades needed to stay current with changing technology.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
User Fees	4,188	2,330	6,533	5,296	679	1,000	1,000	1,000	22,026
<b>Total:</b>	4,188	2,330	6,533	5,296	679	1,000	1,000	1,000	22,026

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	4,188	2,330	6,533	5,296	679	1,000	1,000	1,000	22,026
<b>Total:</b>	4,188	2,330	6,533	5,296	679	1,000	1,000	1,000	22,026

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	4,188	2,330	6,533	5,296	679	0	0	3,000	22,026
<b>Total:</b>	4,188	2,330	6,533	5,296	679	0	0	3,000	22,026

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Arterial Asphalt & Concrete Program Phase II**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C033
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

The Arterial Asphalt and Concrete Program maintains Seattle's 1,581 lane miles of arterial streets through resurfacing and reconstruction projects. The Department uses a pavement management system to track the condition of arterial street pavement, to develop maintenance needs and establish priorities, and to select the streets to be rehabilitated each year. This project improves the quality and condition of the City's arterials.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Federal Grant Funds	0	1,500	0	0	0	0	0	0	1,500
State Grant Funds	1,478	176	0	0	0	0	0	0	1,654
Short-Term Financing Instruments	0	0	0	0	38,000	14,500	0	0	52,500
Real Estate Excise Tax I	209	1,933	608	0	0	0	0	0	2,750
Real Estate Excise Tax II	0	0	450	0	0	0	0	0	450
Transportation Move Seattle Levy - Lid Lift	15,130	21,898	33,675	28,836	2,349	21,020	3,217	16,337	142,462
<b>Total:</b>	16,817	25,507	34,733	28,836	40,349	35,520	3,217	16,337	201,316

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	1,478	1,676	0	0	38,000	14,500	0	0	55,654
REET I Capital Fund	209	1,933	608	0	0	0	0	0	2,750
REET II Capital Fund	0	0	450	0	0	0	0	0	450
Move Seattle Levy Fund	15,130	21,898	33,675	28,836	2,349	21,020	3,217	16,337	142,462
<b>Total:</b>	16,817	25,507	34,733	28,836	40,349	35,520	3,217	16,337	201,316

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	1,478	1,676	0	0	38,000	14,500	0	0	55,654
REET I Capital Fund	209	1,933	608	0	0	0	0	0	2,750
REET II Capital Fund	0	0	450	0	0	0	0	0	450

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Move Seattle Levy Fund	15,130	21,898	33,675	28,836	2,349	21,020	3,217	16,337	142,462
<b>Total:</b>	16,817	25,507	34,733	28,836	40,349	35,520	3,217	16,337	201,316
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**



## Seattle Department of Transportation

### Arterial Asphalt and Concrete Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C070
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

The Arterial Asphalt and Concrete Program maintains Seattle's 1,581 lane miles of arterial streets through resurfacing and reconstruction projects. The Department uses a pavement management system to track the condition of arterial street pavement, to develop maintenance needs and establish priorities, and to select the streets to be rehabilitated each year. This project improves the quality and condition of the City's arterials.

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### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	3,200	0	0	0	0	0	0	0	3,200
Street Vacations -CRSU	950	0	0	0	0	0	0	0	950
Transportation Bond Funds	800	0	0	0	0	0	0	0	800
2008 LTGO Bond Proceeds	3,962	0	0	0	0	0	0	0	3,962
2009 LTGO Bond Proceeds	15,131	0	0	0	0	0	0	0	15,131
2011 LTGO Bond Proceeds	5,250	0	0	0	0	0	0	0	5,250
Drainage and Wastewater Rates	1,871	0	0	0	0	0	0	0	1,871
Federal Grant Funds	16,238	0	0	0	0	0	0	0	16,238
Transportation Funding Package - Business Transportation Tax	7,250	0	0	0	0	0	0	0	7,250
City Light Fund Revenues	375	0	0	0	0	0	0	0	375
State Gas Taxes - City Street Fund	816	0	0	0	0	0	0	0	816
Interfund Loan	11,088	16	0	0	0	0	0	0	11,103
King County Funds	585	0	0	0	0	0	0	0	585
Private Funding/Donations	1,937	0	0	0	0	0	0	0	1,937
State Grant Funds	5,583	0	0	0	0	0	0	0	5,583
Property Sales and Interest Earnings	253	0	0	0	0	0	0	0	253
Commercial Parking Tax	15,924	552	0	0	0	0	0	0	16,476
Real Estate Excise Tax I	501	0	0	0	0	0	0	0	501
Real Estate Excise Tax II	17,098	123	0	0	0	0	0	0	17,221
Transportation Move Seattle Levy - Lid Lift	8,369	1,019	0	0	0	0	0	0	9,388
Vehicle Licensing Fees	346	0	0	0	0	0	0	0	346
Transportation Funding Package - Lid Lift	105,759	18	0	0	0	0	0	0	105,777
<b>Total:</b>	<b>223,286</b>	<b>1,728</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>225,014</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	3,200	0	0	0	0	0	0	0	3,200
Cumulative Reserve Subfund - Unrestricted Subaccount	950	0	0	0	0	0	0	0	950
Transportation Bond Fund	800	0	0	0	0	0	0	0	800
2008 Multipurpose LTGO Bond Fund	3,962	0	0	0	0	0	0	0	3,962
2009 Multipurpose LTGO Bond Fund	15,131	0	0	0	0	0	0	0	15,131
2011 Multipurpose LTGO Bond Fund	5,250	0	0	0	0	0	0	0	5,250
Transportation Fund	61,919	568	0	0	0	0	0	0	62,487
REET I Capital Fund	501	0	0	0	0	0	0	0	501
REET II Capital Fund	17,098	123	0	0	0	0	0	0	17,221
Move Seattle Levy Fund	8,369	1,019	0	0	0	0	0	0	9,388
Transportation Benefit District Fund	346	0	0	0	0	0	0	0	346
Bridging the Gap Levy Fund	105,759	18	0	0	0	0	0	0	105,777
<b>Total:</b>	<b>223,286</b>	<b>1,728</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>225,014</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	3,200	0	0	0	0	0	0	0	3,200
Cumulative Reserve Subfund - Unrestricted Subaccount	950	0	0	0	0	0	0	0	950
Transportation Bond Fund	800	0	0	0	0	0	0	0	800
2008 Multipurpose LTGO Bond Fund	3,962	0	0	0	0	0	0	0	3,962
2009 Multipurpose LTGO Bond Fund	15,131	0	0	0	0	0	0	0	15,131
2011 Multipurpose LTGO Bond Fund	5,250	0	0	0	0	0	0	0	5,250
Transportation Fund	61,919	552	0	0	0	0	0	0	62,472
REET I Capital Fund	501	0	0	0	0	0	0	0	501
REET II Capital Fund	17,098	123	0	0	0	0	0	0	17,221
Move Seattle Levy Fund	8,369	1,019	0	0	0	0	0	0	9,388

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Benefit District Fund	346	0	0	0	0	0	0	0	346
Bridging the Gap Levy Fund	105,759	34	0	0	0	0	0	0	105,793
<b>Total:</b>	223,286	1,727	0	0	0	0	0	0	225,013
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Arterial Major Maintenance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C071
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project repairs and/or replaces deteriorated pavement on arterial streets. Arterial Major Maintenance paving work typically spans one to three city blocks. It allows the City to respond quickly and cost effectively to pavement issues that are too large to be addressed with a pothole repair, yet are too small to be efficiently contracted. Project prioritization is based on pavement condition; cost; transit, bicycle, pedestrian and freight use; traffic volume; coordination opportunities; complaints and claims; and geographic balance across the city. The work extends the service life of existing pavement structures.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	2,500	2,500	2,500	7,500
Parking Garage Disposition Proceeds	1,560	0	0	0	0	0	0	0	1,560
State Gas Taxes - City Street Fund	1	0	0	0	0	0	0	0	1
Commercial Parking Tax	1,886	1,678	1,600	2,058	1,650	1,650	1,650	1,733	13,905
Street Vacations - SVF	260	35	0	0	0	0	0	0	295
Misc Future Revenue/Grants	0	0	0	0	2,500	0	0	0	2,500
Real Estate Excise Tax I	3,145	1,185	0	0	0	0	0	0	4,330
Real Estate Excise Tax II	708	511	2,450	2,500	0	0	0	0	6,169
Transportation Move Seattle Levy - Lid Lift	4,500	1,500	1,500	1,500	2,000	2,000	2,000	2,001	17,001
Vehicle Licensing Fees	557	743	615	630	646	662	679	693	5,225
Transportation Funding Package - Lid Lift	2,288	0	0	0	0	0	0	0	2,288
<b>Total:</b>	<b>14,905</b>	<b>5,652</b>	<b>6,165</b>	<b>6,688</b>	<b>6,796</b>	<b>6,812</b>	<b>6,829</b>	<b>6,927</b>	<b>60,773</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	2,500	2,500	2,500	7,500
Parking Garage Disposition Proceeds Fund	1,560	0	0	0	0	0	0	0	1,560
Transportation Fund	2,147	1,713	1,600	2,058	4,150	1,650	1,650	1,733	16,701
REET I Capital Fund	3,145	1,185	0	0	0	0	0	0	4,330
REET II Capital Fund	708	511	2,450	2,500	0	0	0	0	6,169
Move Seattle Levy Fund	4,500	1,500	1,500	1,500	2,000	2,000	2,000	2,001	17,001
Transportation Benefit District Fund	557	743	615	630	646	662	679	693	5,225
Bridging the Gap Levy Fund	2,288	0	0	0	0	0	0	0	2,288
<b>Total:</b>	14,905	5,652	6,165	6,688	6,796	6,812	6,829	6,927	60,773

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	2,500	2,500	2,500	7,500
Parking Garage Disposition Proceeds Fund	1,560	0	0	0	0	0	0	0	1,560
Transportation Fund	2,147	1,712	1,600	2,058	4,158	1,650	1,650	1,733	16,708
REET I Capital Fund	3,145	1,185	0	0	0	0	0	0	4,330
REET II Capital Fund	708	511	2,450	2,500	0	0	0	0	6,169
Move Seattle Levy Fund	4,500	1,500	1,500	1,500	2,000	2,000	2,000	2,001	17,000
Transportation Benefit District Fund	557	743	615	630	646	662	679	693	5,225
Bridging the Gap Levy Fund	2,288	0	0	0	0	0	0	0	2,288
<b>Total:</b>	14,905	5,651	6,165	6,688	6,804	6,812	6,829	6,926	60,779

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Bike Master Plan - Greenways**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C063
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program creates routes on residential streets that are optimized for safer and more comfortable walking and biking for people of all ages and abilities. Typical improvements include curb ramps, speed humps, crosswalks, median islands, shared lane markings, stop signs, traffic signals, pavement and sidewalk repair, and wayfinding signs. The goals of the program are to design streets with lower vehicle speeds and volumes; to increase the number of people walking and biking on residential streets; and to improve walking and biking access to schools, trails, parks, transit and neighborhood businesses.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	0	0	2,219	2,219
School Camera Ticket Revenues	0	0	1,400	0	0	0	0	0	1,400
Real Estate Excise Tax II	0	0	550	0	0	0	0	0	550
Transportation Move Seattle Levy - Lid Lift	0	2,292	3,020	4,395	4,430	2,826	4,839	674	22,476
<b>Total:</b>	0	2,292	4,970	4,395	4,430	2,826	4,839	2,893	26,645

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	0	0	2,219	2,219
School Safety Traffic and Pedestrian Improvement Fund	0	0	1,400	0	0	0	0	0	1,400
REET II Capital Fund	0	0	550	0	0	0	0	0	550
Move Seattle Levy Fund	0	2,292	3,020	4,395	4,430	2,826	4,839	674	22,476
<b>Total:</b>	0	2,292	4,970	4,395	4,430	2,826	4,839	2,893	26,645

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	0	0	2,219	2,219

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
School Safety Traffic and Pedestrian Improvement Fund	0	0	1,400	0	0	0	0	0	1,400
REET II Capital Fund	0	0	550	0	0	0	0	0	550
Move Seattle Levy Fund	0	2,292	3,020	4,396	4,430	2,826	4,839	674	22,477
<b>Total:</b>	0	2,292	4,970	4,396	4,430	2,826	4,839	2,893	26,646
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Seattle Department of Transportation

**Bike Master Plan - Protected Bike Lanes**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C062
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program implements the Seattle Bicycle Master Plan. Typical improvements may include installing bike lanes and sharrows, bicycle route signing, completing key links in the urban trails network, adding bicycle/pedestrian signals to complete the network, and reconstructing key sections of the trails. The goals of the program are to increase bicycle safety and access, while reducing bicycle crashes. This program includes funding for street improvement and trail construction and is consistent with the focus in the City's Transportation Strategic Plan (TSP) on encouraging walking and biking. The Accelerated Move Seattle Levy - Lid Lift Revenues represent spending that is in excess of available levy funds; consequently, Move Seattle appropriations are reduced in future years so that total Move Seattle funding and expenditures are balanced over the nine years of the levy. LTD actuals may include the BMP spot improvements, Urban Trails and Neighborhood Greenways, which were previously combined with this project's budget.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	1,100	0	0	0	0	0	0	0	1,100
To Be Determined	0	0	0	0	0	1,000	0	0	1,000
Federal Grant Funds	5,229	1,173	1,410	3,471	0	0	0	0	11,283
State Gas Taxes - City Street Fund	244	976	0	0	0	0	0	0	1,220
Private Funding/Donations	10	0	0	0	0	0	0	0	10
State Grant Funds	0	315	579	0	0	0	0	0	894
User Fees	495	1,005	0	0	0	0	0	0	1,500
Commercial Parking Tax	895	458	0	0	0	0	0	0	1,353
Rubble Yard Proceeds	346	0	0	0	0	0	0	0	346
Misc Future Revenue/Grants	0	0	0	0	19,000	0	0	0	19,000
Real Estate Excise Tax I	397	3	0	0	0	0	0	0	400
Real Estate Excise Tax II	422	170	0	0	0	0	0	0	592
Transportation Move Seattle Levy - Lid Lift	15,415	6,939	6,094	2,094	8,780	4,175	1,029	570	45,096
Vehicle Licensing Fees	3,747	2,660	1,087	1,322	1,293	1,325	1,358	0	12,792
Transportation Funding Package - Lid Lift	23,944	0	0	0	0	0	0	0	23,944
<b>Total:</b>	<b>52,244</b>	<b>13,700</b>	<b>9,170</b>	<b>6,887</b>	<b>29,073</b>	<b>6,500</b>	<b>2,387</b>	<b>570</b>	<b>120,530</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	1,100	0	0	0	0	0	0	0	1,100
To Be Determined	0	0	0	0	0	1,000	0	0	1,000
Transportation Fund	7,219	3,928	1,988	3,471	19,000	0	0	0	35,606
REET I Capital Fund	397	3	0	0	0	0	0	0	400
REET II Capital Fund	422	170	0	0	0	0	0	0	592
Move Seattle Levy Fund	15,415	6,939	6,094	2,094	8,780	4,175	1,029	570	45,096
Transportation Benefit District Fund	3,747	2,660	1,087	1,322	1,293	1,325	1,358	0	12,792
Bridging the Gap Levy Fund	23,944	0	0	0	0	0	0	0	23,944
<b>Total:</b>	<b>52,244</b>	<b>13,700</b>	<b>9,170</b>	<b>6,887</b>	<b>29,073</b>	<b>6,500</b>	<b>2,387</b>	<b>570</b>	<b>120,530</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	1,100	0	0	0	0	0	0	0	1,100
To Be Determined	0	0	0	0	0	1,000	0	0	1,000
Transportation Fund	7,219	3,927	1,988	3,471	19,000	0	0	0	35,606
REET I Capital Fund	397	3	0	0	0	0	0	0	400
REET II Capital Fund	422	170	0	0	0	0	0	0	592
Move Seattle Levy Fund	15,415	6,939	6,094	2,094	8,780	4,175	1,029	570	45,096
Transportation Benefit District Fund	3,747	2,660	1,087	1,322	1,293	1,325	1,358	0	12,791
Bridging the Gap Levy Fund	23,944	0	0	0	0	0	0	0	23,944
<b>Total:</b>	<b>52,244</b>	<b>13,699</b>	<b>9,169</b>	<b>6,887</b>	<b>29,073</b>	<b>6,500</b>	<b>2,387</b>	<b>570</b>	<b>120,529</b>

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Bike Master Plan - Urban Trails and Bikeways**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C060
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This program supports the City's Urban Trails and Bikeways. Activities include spot improvements, bike facility safety improvements, bike parking, education & outreach as well as planning & research.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	167	329	322	818
Transportation Move Seattle Levy - Lid Lift	0	659	1,100	1,200	1,200	1,133	1,000	1,000	7,292
Vehicle Licensing Fees	0	335	0	0	0	0	0	0	335
Transportation Funding Package - Lid Lift	0	106	0	0	0	0	0	0	106
<b>Total:</b>	0	1,100	1,100	1,200	1,200	1,300	1,329	1,322	8,551

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	167	329	322	818
Move Seattle Levy Fund	0	659	1,100	1,200	1,200	1,133	1,000	1,000	7,292
Transportation Benefit District Fund	0	335	0	0	0	0	0	0	335
Bridging the Gap Levy Fund	0	106	0	0	0	0	0	0	106
<b>Total:</b>	0	1,100	1,100	1,200	1,200	1,300	1,329	1,322	8,551

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	167	329	322	818
Move Seattle Levy Fund	0	659	1,100	1,200	1,200	1,133	1,000	1,000	7,292
Transportation Benefit District Fund	0	335	0	0	0	0	0	0	335
Bridging the Gap Levy Fund	0	106	0	0	0	0	0	0	106
<b>Total:</b>	0	1,100	1,100	1,200	1,200	1,300	1,329	1,322	8,551

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Bridge Load Rating**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C006
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project rates bridges for safe load-carrying capacity, as part of a federally-mandated program. The work on this project, performed by both City staff and consultants, ensures public safety. Additional funding was added to this program as of the 2015-2020 Proposed CIP due to new load rating standards for specialized hauling vehicles that were issued by the Federal Highway Administration on November 13, 2013. These new standards require an additional investment of \$300,000 a year for seven years (2015-2021).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	302	0	0	0	0	0	0	0	302
State Gas Taxes - City Street Fund	2,973	640	685	983	1,036	1,088	346	356	8,107
Commercial Parking Tax	300	0	0	0	0	0	0	0	300
Real Estate Excise Tax II	601	500	0	0	0	0	0	0	1,101
Vehicle Licensing Fees	200	0	0	0	0	0	0	0	200
<b>Total:</b>	4,376	1,140	685	983	1,036	1,088	346	356	10,010

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	302	0	0	0	0	0	0	0	302
Transportation Fund	3,273	640	685	983	1,036	1,088	346	356	8,407
REET II Capital Fund	601	500	0	0	0	0	0	0	1,101
Transportation Benefit District Fund	200	0	0	0	0	0	0	0	200
<b>Total:</b>	4,376	1,140	685	983	1,036	1,088	346	356	10,010

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	302	0	0	0	0	0	0	0	302
Transportation Fund	3,273	640	685	983	1,036	1,088	346	356	8,407
REET II Capital Fund	601	249	251	0	0	0	0	0	1,101

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Benefit District Fund	200	0	0	0	0	0	0	0	200
<b>Total:</b>	4,376	889	936	983	1,036	1,088	346	356	10,010
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Bridge Painting Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C007
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing asset preservation project provides for the periodic painting of each of the City's 20 structural steel bridges. The painting cycle is initially determined by applying Federal Highway Administration standards for coating life, and is supplemented by annual physical inspections to assess the actual rate of deterioration.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	1,189	0	0	0	0	0	0	0	1,189
Federal Grant Funds	180	0	0	0	0	0	0	0	180
State Gas Taxes - City Street Fund	464	135	0	0	0	0	0	0	599
King County Funds	10	0	0	0	0	0	0	0	10
South Lake Union Property Sale Proceeds	91	0	0	0	0	0	0	0	91
Commercial Parking Tax	0	25	0	0	0	0	0	0	25
Rubble Yard Proceeds	300	0	0	0	0	0	0	0	300
Real Estate Excise Tax I	141	0	0	0	0	0	0	0	141
Real Estate Excise Tax II	22,835	7,901	2,135	2,135	2,135	2,135	2,135	2,135	43,546
<b>Total:</b>	25,210	8,061	2,135	2,135	2,135	2,135	2,135	2,135	46,081

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	1,189	0	0	0	0	0	0	0	1,189
Transportation Fund	1,045	160	0	0	0	0	0	0	1,205
REET I Capital Fund	141	0	0	0	0	0	0	0	141
REET II Capital Fund	22,835	7,901	2,135	2,135	2,135	2,135	2,135	2,135	43,546
<b>Total:</b>	25,210	8,061	2,135	2,135	2,135	2,135	2,135	2,135	46,081

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	1,189	0	0	0	0	0	0	0	1,189
Transportation Fund	1,045	0	160	0	0	0	0	0	1,205
REET I Capital Fund	141	0	0	0	0	0	0	0	141
REET II Capital Fund	22,835	3,316	6,098	2,757	2,135	2,135	2,135	2,135	43,546
<b>Total:</b>	25,210	3,316	6,258	2,757	2,135	2,135	2,135	2,135	46,081
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Seattle Department of Transportation

**Bridge Rehabilitation and Replacement**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C045
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project addresses the major maintenance backlog for the City's bridge infrastructure. Rehabilitation or replacement has been completed on Airport Way over Argo, 15th Avenue NE at NE 105th Street, 15th Ave. W Interchange, East Duwamish Waterway, Jose Rizal, East Marginal Way at Horton Street, NE45th Street Viaduct and Yesler Over 4th Avenue. The Fairview Ave N bridges are scheduled for replacement in 2019.

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	11	0	0	0	0	0	0	0	11
2008 LTGO Bond Proceeds	3,965	0	0	0	0	0	0	0	3,965
2009 LTGO Bond Proceeds	14,341	0	0	0	0	0	0	0	14,341
2010 LTGO Bond Proceeds	30,464	0	0	0	0	0	0	0	30,464
2011 LTGO Bond Proceeds	2,748	0	0	0	0	0	0	0	2,748
2015 LTGO Bond Proceeds	4,492	33	0	0	0	0	0	0	4,525
2017 LTGO Bond Proceeds	702	838	0	0	0	0	0	0	1,540
Drainage and Wastewater Rates	182	0	0	0	0	0	0	0	182
Federal Grant Funds	16,093	26	4,653	3,000	0	0	0	0	23,772
Transportation Funding Package - Business Transportation Tax	1,544	0	0	0	0	0	0	0	1,544
City Light Fund Revenues	2,745	0	0	0	0	0	0	0	2,745
State Gas Taxes - City Street Fund	20	0	0	0	0	0	0	0	20
King County Funds	540	0	0	0	0	0	0	0	540
Public Works Trust Fund Proceeds	7,000	1,000	5,198	3,802	0	0	0	0	17,000
Private Funding/Donations	2,374	0	0	0	0	0	0	0	2,374
State Grant Funds	0	0	3,000	2,530	0	0	0	0	5,530
Water Rates	223	0	0	0	0	0	0	0	223
Commercial Parking Tax	2,617	280	0	0	0	0	0	0	2,897
Street Vacations - SVF	132	714	820	0	0	0	0	0	1,666
Short-Term Financing Instruments	0	0	0	0	8,000	0	0	0	8,000
Real Estate Excise Tax II	320	0	0	0	0	0	0	0	320
Transportation Move Seattle Levy - Lid Lift	1,139	1,516	6,959	754	888	8,044	0	0	19,300
Transportation Funding Package - Lid Lift	2,742	201	0	0	0	0	0	0	2,943
<b>Total:</b>	<b>94,394</b>	<b>4,608</b>	<b>20,630</b>	<b>10,086</b>	<b>8,888</b>	<b>8,044</b>	<b>0</b>	<b>0</b>	<b>146,650</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	11	0	0	0	0	0	0	0	11
2008 Multipurpose LTGO Bond Fund	3,965	0	0	0	0	0	0	0	3,965
2009 Multipurpose LTGO Bond Fund	14,341	0	0	0	0	0	0	0	14,341
2010 Multipurpose LTGO Bond Fund	30,464	0	0	0	0	0	0	0	30,464
2011 Multipurpose LTGO Bond Fund	2,748	0	0	0	0	0	0	0	2,748
2015 Multipurpose LTGO Bond Fund	4,492	33	0	0	0	0	0	0	4,525
2017 Multipurpose LTGO Bond Fund	702	838	0	0	0	0	0	0	1,540
Transportation Fund	33,470	2,020	13,671	9,332	8,000	0	0	0	66,493
REET II Capital Fund	320	0	0	0	0	0	0	0	320
Move Seattle Levy Fund	1,139	1,516	6,959	754	888	8,044	0	0	19,300
Bridging the Gap Levy Fund	2,742	201	0	0	0	0	0	0	2,943
<b>Total:</b>	<b>94,394</b>	<b>4,608</b>	<b>20,630</b>	<b>10,086</b>	<b>8,888</b>	<b>8,044</b>	<b>0</b>	<b>0</b>	<b>146,650</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	11	0	0	0	0	0	0	0	11
2008 Multipurpose LTGO Bond Fund	3,965	0	0	0	0	0	0	0	3,965
2009 Multipurpose LTGO Bond Fund	14,341	0	0	0	0	0	0	0	14,341
2010 Multipurpose LTGO Bond Fund	30,464	0	0	0	0	0	0	0	30,464
2011 Multipurpose LTGO Bond Fund	2,748	0	0	0	0	0	0	0	2,748
2015 Multipurpose LTGO Bond Fund	4,492	33	0	0	0	0	0	0	4,525
2017 Multipurpose LTGO Bond Fund	702	32	471	336	0	0	0	0	1,541
Transportation Fund	33,470	1,010	14,681	9,332	8,000	0	0	0	66,493
REET II Capital Fund	320	0	0	0	0	0	0	0	320
Move Seattle Levy Fund	1,139	1,516	6,959	754	888	8,044	0	0	19,300

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Bridging the Gap Levy Fund	2,742	201	0	0	0	0	0	0	2,943
<b>Total:</b>	94,394	2,791	22,111	10,423	8,888	8,044	0	0	146,650
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Bridge Rehabilitation and Replacement Phase II**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C039
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project addresses the major maintenance backlog for the City's bridge infrastructure. Planning for the rehabilitation or replacement of the Cowen Park and Magnolia bridges will continue in 2018.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
2011 LTGO Bond Proceeds	315	12	0	0	0	0	0	0	327
2015 LTGO Bond Proceeds	328	251	0	0	0	0	0	0	580
Federal Grant Funds	1,336	103	0	0	0	0	0	0	1,439
Commercial Parking Tax	149	0	0	0	0	0	0	0	149
Street Vacations - SVF	0	178	99	0	0	0	0	0	277
Misc Future Revenue/Grants	0	0	0	0	153	0	0	0	153
Real Estate Excise Tax II	139	456	0	0	0	0	0	0	595
Transportation Move Seattle Levy - Lid Lift	797	1,415	4,826	2,231	4,140	1,650	0	0	15,060
<b>Total:</b>	3,065	2,415	4,925	2,231	4,293	1,650	0	0	18,580
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
2011 Multipurpose LTGO Bond Fund	315	12	0	0	0	0	0	0	327
2015 Multipurpose LTGO Bond Fund	328	251	0	0	0	0	0	0	580
Transportation Fund	1,485	281	99	0	153	0	0	0	2,018
REET II Capital Fund	139	456	0	0	0	0	0	0	595
Move Seattle Levy Fund	797	1,415	4,826	2,231	4,140	1,650	0	0	15,060
<b>Total:</b>	3,065	2,415	4,925	2,231	4,293	1,650	0	0	18,580

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
2011 Multipurpose LTGO Bond Fund	315	12	0	0	0	0	0	0	327
2015 Multipurpose LTGO Bond Fund	328	251	0	0	0	0	0	0	580
Transportation Fund	1,485	280	99	0	153	0	0	0	2,017
REET II Capital Fund	139	456	0	0	0	0	0	0	595
Move Seattle Levy Fund	797	1,415	4,826	2,231	4,140	1,650	0	0	15,060
<b>Total:</b>	3,065	2,414	4,925	2,231	4,293	1,650	0	0	18,579
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Bridge Seismic - Phase III**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C008
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

The program prioritizes and implements seismic upgrades to bridges based on traffic importance and seismic vulnerability. On the highest ranked bridges, conceptual level analysis is performed to develop a retrofit strategy and cost estimate. As funding allows, full retrofit design and construction phases are implemented. The project enhances the safety of City bridges in lieu of substantial rehabilitation or replacement. During 2018 the NE 45th Street Viaduct East Approach Bridge will be under construction and the Cowen Park Bridge, North 41st Pedestrian Bridge, SW Andover/Fauntleroy Pedestrian Bridge, West Howe Street Bridge, and 8th Ave NW at NW 133rd Bridge will be under design.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
2011 LTGO Bond Proceeds	525	0	0	0	0	0	0	0	525
Federal Grant Funds	223	879	2,338	72	0	0	0	0	3,513
Commercial Parking Tax	0	18	0	112	0	12	0	0	142
Street Vacations - SVF	577	837	0	0	0	0	0	0	1,414
Misc Future Revenue/Grants	0	0	0	0	882	0	0	0	882
Short-Term Financing Instruments	0	0	0	0	7,000	0	0	0	7,000
Transportation Move Seattle Levy - Lid Lift	555	5,531	10,797	9,665	627	11,406	17,194	5,428	61,202
Transportation Funding Package - Lid Lift	97	0	0	0	0	0	0	0	97
<b>Total:</b>	<b>1,977</b>	<b>7,265</b>	<b>13,135</b>	<b>9,850</b>	<b>8,509</b>	<b>11,418</b>	<b>17,194</b>	<b>5,428</b>	<b>74,775</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
2011 Multipurpose LTGO Bond Fund	525	0	0	0	0	0	0	0	525
Transportation Fund	800	1,734	2,338	184	7,882	12	0	0	12,951
Move Seattle Levy Fund	555	5,531	10,797	9,665	627	11,406	17,194	5,428	61,202
Bridging the Gap Levy Fund	97	0	0	0	0	0	0	0	97
<b>Total:</b>	<b>1,977</b>	<b>7,265</b>	<b>13,135</b>	<b>9,850</b>	<b>8,509</b>	<b>11,418</b>	<b>17,194</b>	<b>5,428</b>	<b>74,775</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	0	0	0	0
2011 Multipurpose LTGO Bond Fund	525	0	0	0	0	0	0	0	525
Transportation Fund	800	1,703	2,369	184	7,882	12	0	0	12,949
Move Seattle Levy Fund	555	5,531	10,797	9,665	627	11,406	17,194	5,428	61,202
Bridging the Gap Levy Fund	97	0	0	0	0	0	0	0	97
<b>Total:</b>	<b>1,977</b>	<b>7,234</b>	<b>13,165</b>	<b>9,850</b>	<b>8,509</b>	<b>11,418</b>	<b>17,194</b>	<b>5,428</b>	<b>74,773</b>

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program



## Seattle Department of Transportation

### Debt Service - CRF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MO-TR-D003
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BO-TR-18002
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	General Expense
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	TBD
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project funds debt service for the following projects: Alaskan Way Viaduct/Tunnel & Seawall– MC-TR-C066, and Fremont Bridge Approaches and Electrical Major Maintenance – TC365790.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
2006 LTGO Bond Proceeds	610	0	0	0	0	0	0	0	610
Real Estate Excise Tax I	0	1,900	0	0	0	0	0	0	1,900
Real Estate Excise Tax II	18,669	817	814	815	815	813	815	815	24,373
<b>Total:</b>	19,279	2,717	814	815	815	813	815	815	26,883

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2006 LTGO Bond Fund	610	0	0	0	0	0	0	0	610
REET I Capital Fund	0	1,900	0	0	0	0	0	0	1,900
REET II Capital Fund	18,669	817	814	815	815	813	815	815	24,373
<b>Total:</b>	19,279	2,717	814	815	815	813	815	815	26,883

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2006 LTGO Bond Fund	610	0	0	0	0	0	0	0	610
REET I Capital Fund	0	1,900	0	0	0	0	0	0	1,900
REET II Capital Fund	18,669	817	814	815	815	813	815	815	24,373
<b>Total:</b>	19,279	2,717	814	815	815	813	815	815	26,883

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Freight Spot Improvement Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C047
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project includes small scale mobility improvements to the City's street system to improve connections between port facilities, railroad intermodal yards, industrial businesses, the regional highway system, and the first and last miles in the supply chain. Project types include turning radius adjustments, channelization changes, left-turn improvements, and signage to direct freight to destinations and alert drivers to steep grades or sharp turns.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	500	1,500	1,000	3,000
Federal Grant Funds	0	0	600	0	0	0	0	0	600
State Gas Taxes - City Street Fund	1,459	43	0	0	0	0	0	0	1,502
State Grant Funds	0	783	0	0	0	0	0	0	783
Rubble Yard Proceeds	892	0	0	0	0	0	0	0	892
Street Vacations - SVF	195	61	0	0	0	0	0	0	256
Misc Future Revenue/Grants	0	0	0	0	44	0	0	0	44
Real Estate Excise Tax II	127	0	0	0	0	0	0	0	127
Transportation Move Seattle Levy - Lid Lift	2,142	613	1,740	1,550	2,456	2,000	1,500	2,000	14,000
<b>Total:</b>	<b>4,815</b>	<b>1,500</b>	<b>2,340</b>	<b>1,550</b>	<b>2,500</b>	<b>2,500</b>	<b>3,000</b>	<b>3,000</b>	<b>21,204</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	500	1,500	1,000	3,000
Transportation Fund	2,546	887	600	0	44	0	0	0	4,077
REET II Capital Fund	127	0	0	0	0	0	0	0	127
Move Seattle Levy Fund	2,142	613	1,740	1,550	2,456	2,000	1,500	2,000	14,000
<b>Total:</b>	<b>4,815</b>	<b>1,500</b>	<b>2,340</b>	<b>1,550</b>	<b>2,500</b>	<b>2,500</b>	<b>3,000</b>	<b>3,000</b>	<b>21,204</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	500	1,500	1,000	3,000
Transportation Fund	2,546	887	600	0	44	0	0	0	4,077
REET II Capital Fund	127	0	0	0	0	0	0	0	127
Move Seattle Levy Fund	2,142	613	1,740	1,550	2,456	2,000	1,500	2,000	14,000
<b>Total:</b>	4,815	1,500	2,340	1,550	2,500	2,500	3,000	3,000	21,204
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Hazard Mitigation Program - Areaways**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C035
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Pioneer Square

This ongoing program implements inspection and repair of areaways to reduce risks to City facilities and the general public. Areaways are usable space, generally in the street right-of-way, constructed under sidewalks between a building foundation and the street wall. Typical improvements may include, but are not limited to, repairs to the existing areaway and/or filling the areaway with lightweight concrete. Improving these areaways is an action included in the South Downtown Strategic Plan.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	240	0	0	0	0	0	0	0	240
Federal Grant Funds	442	1,303	0	0	0	0	0	0	1,745
City Light Fund Revenues	19	0	0	0	0	0	0	0	19
State Gas Taxes - City Street Fund	0	128	40	48	56	57	59	61	449
Private Funding/Donations	10	0	0	0	0	0	0	0	10
State Grant Funds	74	217	0	0	0	0	0	0	291
Real Estate Excise Tax II	4,634	1,714	332	333	334	343	343	343	8,376
<b>Total:</b>	5,419	3,362	372	381	390	400	402	404	11,130

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	240	0	0	0	0	0	0	0	240
Transportation Fund	545	1,648	40	48	56	57	59	61	2,514
REET II Capital Fund	4,634	1,714	332	333	334	343	343	343	8,376
<b>Total:</b>	5,419	3,362	372	381	390	400	402	404	11,130

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	240	0	0	0	0	0	0	0	240
Transportation Fund	545	1,649	40	48	56	57	59	61	2,515

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	4,634	1,714	332	333	334	343	343	343	8,376
<b>Total:</b>	5,419	3,362	372	381	390	400	402	404	11,130
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### **2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Hazard Mitigation Program - Landslide Mitigation Projects**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C015
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project enables SDOT to address and repair landslide concerns that affect the right-of-way. The Landslide Mitigation Program provides SDOT with staff and resources to identify and prioritize landslide concerns, to undertake reconnaissance engineering and geotechnical studies of problem areas, and to make repairs at the highest priority locations, usually where landslide concerns have caused the roadway to be partially or completely closed.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	1	0	0	0	0	0	0	0	1
Emergency Subfund Revenues	395	0	0	0	0	0	0	0	395
Drainage and Wastewater Rates	49	0	0	0	0	0	0	0	49
Federal Grant Funds	1,301	0	0	0	0	0	0	0	1,301
State Gas Taxes - City Street Fund	1,262	500	253	266	273	278	286	293	3,411
Private Funding/Donations	22	0	0	0	0	0	0	0	22
User Fees	1,210	15	0	0	0	0	0	0	1,225
Real Estate Excise Tax II	6,003	2,181	200	200	200	200	200	200	9,384
<b>Total:</b>	10,243	2,696	453	466	473	478	486	493	15,788

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	1	0	0	0	0	0	0	0	1
Emergency Fund	395	0	0	0	0	0	0	0	395
Transportation Fund	3,844	515	253	266	273	278	286	293	6,008
REET II Capital Fund	6,003	2,181	200	200	200	200	200	200	9,384
<b>Total:</b>	10,243	2,696	453	466	473	478	486	493	15,788

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	1	0	0	0	0	0	0	0	1
Emergency Fund	395	0	0	0	0	0	0	0	395
Transportation Fund	3,844	515	253	266	273	278	286	293	6,009
REET II Capital Fund	6,003	2,062	319	200	200	200	200	200	9,384
<b>Total:</b>	10,243	2,577	572	466	473	478	486	493	15,789
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Miscellaneous, Unforeseen, and Emergencies**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C077
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This program provides a financial reserve for work that cannot be anticipated during the annual CIP planning process. The reserve is used on a project-specific basis when emergencies are identified.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	305	0	0	0	0	0	0	0	305
Federal Grant Funds	73	0	0	0	0	0	0	0	73
State Gas Taxes - City Street Fund	339	0	0	0	0	0	0	0	339
Private Funding/Donations	224	0	0	0	0	0	0	0	224
Commercial Parking Tax	18	0	0	0	0	0	0	0	18
Street Vacations - SVF	1,128	0	0	0	0	0	0	0	1,128
Real Estate Excise Tax II	388	0	0	0	0	0	0	0	388
Transportation Funding Package - Lid Lift	33	0	0	0	0	0	0	0	33
<b>Total:</b>	2,508	0	0	0	0	0	0	0	2,508

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	305	0	0	0	0	0	0	0	305
Transportation Fund	1,782	0	0	0	0	0	0	0	1,782
REET II Capital Fund	388	0	0	0	0	0	0	0	388
Bridging the Gap Levy Fund	33	0	0	0	0	0	0	0	33
<b>Total:</b>	2,508	0	0	0	0	0	0	0	2,508

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	305	0	0	0	0	0	0	0	305
Transportation Fund	1,782	0	0	0	0	0	0	0	1,782

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	388	0	0	0	0	0	0	0	388
Bridging the Gap Levy Fund	33	0	0	0	0	0	0	0	33
<b>Total:</b>	2,508	0	0	0	0	0	0	0	2,508
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

Neighborhood Large Projects

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C018
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This program enhances the safety, quality and condition of the pedestrian and neighborhood environments. Typical improvements may include, but are not limited to, sidewalk construction, repairs and replacement, installation of curb bulbs or other traffic calming devices, and improvements to crosswalks. The projects are funded by the Move Seattle transportation levy and it is a triennial program. The projects funded are identified by the community and the Move Seattle Oversight Committee.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Federal Grant Funds	308	0	0	0	0	0	0	0	308
King County Funds	79	0	0	0	0	0	0	0	79
Private Funding/Donations	60	0	0	0	0	0	0	0	60
Commercial Parking Tax	0	81	0	0	0	0	0	0	81
Real Estate Excise Tax II	504	60	0	0	0	0	0	0	564
Transportation Move Seattle Levy - Lid Lift	2,590	4,741	2,935	1,800	4,300	835	2,000	4,873	24,074
Transportation Funding Package - Lid Lift	5,799	8	0	0	0	0	0	0	5,807
<b>Total:</b>	9,340	4,890	2,935	1,800	4,300	835	2,000	4,873	30,973

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	447	81	0	0	0	0	0	0	528
REET II Capital Fund	504	60	0	0	0	0	0	0	564
Move Seattle Levy Fund	2,590	4,741	2,935	1,800	4,300	835	2,000	4,873	24,074
Bridging the Gap Levy Fund	5,799	8	0	0	0	0	0	0	5,807
<b>Total:</b>	9,340	4,890	2,935	1,800	4,300	835	2,000	4,873	30,973

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	447	81	0	0	0	0	0	0	528

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	504	60	0	0	0	0	0	0	564
Move Seattle Levy Fund	2,590	4,741	2,935	1,800	4,300	835	2,000	4,873	24,074
Bridging the Gap Levy Fund	5,799	8	0	0	0	0	0	0	5,807
<b>Total:</b>	9,340	4,890	2,935	1,800	4,300	835	2,000	4,873	30,973
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Neighborhood Parks Street Fund - Your Voice, Your Choice**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C022
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program identifies projects estimated less than \$100,000 that are prioritized through participatory budgeting in each of the 7 council districts. Typical improvements may include, but are not limited to, sidewalk construction, repairs and replacement, installation of traffic circles or other traffic calming devices, and curb bulbs or other crossing improvements. The program enhances the safety, quality and condition of the pedestrian and neighborhood environments. This project was formerly known as "NPSF Neighborhood Parks Street Fund" and "NSF/CRS Neighborhood Program."

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	2,288	0	0	0	0	0	0	0	2,288
Federal Grant Funds	687	0	0	0	0	0	0	0	687
State Gas Taxes - City Street Fund	2,650	308	321	331	340	349	359	368	5,026
Partnership Funds	6	0	0	0	0	0	0	0	6
State Grant Funds	176	0	0	0	0	0	0	0	176
Commercial Parking Tax	1,008	0	0	0	0	0	0	0	1,008
Street Vacations - SVF	46	0	0	0	0	0	0	0	46
Real Estate Excise Tax I	257	1,000	0	0	0	0	0	0	1,257
Real Estate Excise Tax II	17,571	1,931	1,446	0	0	0	0	0	20,948
Vehicle Licensing Fees	100	0	0	0	0	0	0	0	100
Transportation Funding Package - Lid Lift	10,479	0	0	0	0	0	0	0	10,479
<b>Total:</b>	<b>35,268</b>	<b>3,239</b>	<b>1,767</b>	<b>331</b>	<b>340</b>	<b>349</b>	<b>359</b>	<b>368</b>	<b>42,021</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	2,288	0	0	0	0	0	0	0	2,288
Transportation Fund	4,573	308	321	331	340	349	359	368	6,949
REET I Capital Fund	257	1,000	0	0	0	0	0	0	1,257
REET II Capital Fund	17,571	1,931	1,446	0	0	0	0	0	20,948
Transportation Benefit District Fund	100	0	0	0	0	0	0	0	100
Bridging the Gap Levy Fund	10,479	0	0	0	0	0	0	0	10,479
<b>Total:</b>	<b>35,268</b>	<b>3,239</b>	<b>1,767</b>	<b>331</b>	<b>340</b>	<b>349</b>	<b>359</b>	<b>368</b>	<b>42,021</b>
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	2,288	0	0	0	0	0	0	0	2,288
Transportation Fund	4,573	305	325	331	340	349	359	368	6,950
REET I Capital Fund	257	1,000	0	0	0	0	0	0	1,257
REET II Capital Fund	17,571	917	2,460	0	0	0	0	0	20,948
Transportation Benefit District Fund	100	0	0	0	0	0	0	0	100
Bridging the Gap Levy Fund	10,479	0	0	0	0	0	0	0	10,479
<b>Total:</b>	<b>35,268</b>	<b>2,222</b>	<b>2,784</b>	<b>331</b>	<b>340</b>	<b>349</b>	<b>359</b>	<b>368</b>	<b>42,022</b>
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Neighborhood Traffic Control Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C019
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program installs traffic calming and traffic control devices citywide, primarily neighborhood traffic circles in response to collision patterns. The program also installs some mid-block traffic calming devices such as speed humps, some traffic control devices (typically parking restrictions, warning signs or intersection control) and partners with other programs in cases where projects are expected to provide traffic calming as a secondary benefit.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	384	0	0	0	0	0	0	0	384
State Gas Taxes - City Street Fund	4,386	0	0	0	0	0	0	0	4,386
Property Sales and Interest Earnings	253	0	0	0	0	0	0	0	253
Rubble Yard Proceeds	579	27	0	0	0	0	0	0	606
Real Estate Excise Tax II	596	500	0	0	0	0	0	0	1,096
Vehicle Licensing Fees	1,745	520	305	313	321	329	337	345	4,215
<b>Total:</b>	<b>7,943</b>	<b>1,047</b>	<b>305</b>	<b>313</b>	<b>321</b>	<b>329</b>	<b>337</b>	<b>345</b>	<b>10,940</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	384	0	0	0	0	0	0	0	384
Transportation Fund	5,218	27	0	0	0	0	0	0	5,245
REET II Capital Fund	596	500	0	0	0	0	0	0	1,096
Transportation Benefit District Fund	1,745	520	305	313	321	329	337	345	4,215
<b>Total:</b>	<b>7,943</b>	<b>1,047</b>	<b>305</b>	<b>313</b>	<b>321</b>	<b>329</b>	<b>337</b>	<b>345</b>	<b>10,940</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	384	0	0	0	0	0	0	0	384
Transportation Fund	5,218	27	0	0	0	0	0	0	5,245

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	596	500	0	0	0	0	0	0	1,096
Transportation Benefit District Fund	1,745	520	305	313	321	329	337	345	4,215
<b>Total:</b>	7,943	1,047	305	313	321	329	337	345	10,940
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

New Traffic Signals

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C020
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project installs new traffic signals or significant capital improvements to existing signals to improve traffic flow, reduce the frequency and severity of traffic collisions, and support pedestrian, bicycle or transit activity. Location choices are based upon pedestrian, bicycle and vehicle volumes; school, senior citizen, and handicapped accessible crossing requirements; transit speed and reliability; and collisions frequency criteria.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	70	0	91	161
Commercial Parking Tax	541	899	247	251	254	254	254	261	2,961
Misc Future Revenue/Grants	0	0	0	0	654	0	0	0	654
Transportation Move Seattle Levy - Lid Lift	659	0	578	301	310	317	327	337	2,829
Transportation Funding Package - Lid Lift	86	19	0	0	0	0	0	0	105
<b>Total:</b>	1,286	918	825	552	1,218	641	581	689	6,710

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	70	0	91	161
Transportation Fund	541	899	247	251	908	254	254	261	3,615
Move Seattle Levy Fund	659	0	578	301	310	317	327	337	2,829
Bridging the Gap Levy Fund	86	19	0	0	0	0	0	0	105
<b>Total:</b>	1,286	918	825	552	1,218	641	581	689	6,710

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	70	0	91	161
Transportation Fund	541	864	281	251	908	254	254	261	3,614
Move Seattle Levy Fund	659	0	578	301	310	317	327	337	2,829

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Bridging the Gap Levy Fund	86	19	0	0	0	0	0	0	105
<b>Total:</b>	1,286	883	859	552	1,218	641	581	689	6,709
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### **2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Next Generation Intelligent Transportation Systems (ITS)**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C021
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project will design and implement upgrades to the Traffic Management Center (TMC); implement expansion of real-time information such as traffic cameras, sensors, and travel time to support major construction projects; deploy Dynamic Messaging Signs (DMS) at key decision points to provide real-time information such as incidents, travel times, bridge opening notices, and planned construction and event information; and install dynamic signal timing (self adjusting traffic signal timing based on traffic volume on key corridors around the major construction projects). This project also includes replacing the City's traffic cameras; this requires an investment of \$600,000 per year for four years (2015-2018).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	0	500	0	0	0	0	0	0	500
Street Vacations -CRSU	304	31	95	0	0	0	0	0	430
To Be Determined	0	0	0	0	0	7,803	3,217	2,250	13,270
Federal Grant Funds	0	4,091	0	0	0	0	0	0	4,091
State Gas Taxes - City Street Fund	0	0	199	101	0	0	0	0	300
State Grant Funds	388	92	0	0	0	0	0	0	480
User Fees	785	0	715	0	0	0	0	0	1,500
Commercial Parking Tax	605	95	500	0	0	0	0	0	1,200
Multimodal Funds	0	0	0	400	0	0	0	0	400
Real Estate Excise Tax II	3,387	176	987	0	0	0	0	0	4,550
Transportation Move Seattle Levy - Lid Lift	4,006	0	194	2,604	6,100	3,896	0	0	16,800
Transportation Funding Package - Lid Lift	2,701	279	0	0	0	0	0	0	2,980
<b>Total:</b>	12,176	5,264	2,690	3,105	6,100	11,699	3,217	2,250	46,501

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	0	500	0	0	0	0	0	0	500
Cumulative Reserve Subfund - Unrestricted Subaccount	304	31	95	0	0	0	0	0	430
To Be Determined	0	0	0	0	0	7,803	3,217	2,250	13,270
Transportation Fund	1,778	4,278	1,414	501	0	0	0	0	7,971
REET II Capital Fund	3,387	176	987	0	0	0	0	0	4,550
Move Seattle Levy Fund	4,006	0	194	2,604	6,100	3,896	0	0	16,800
Bridging the Gap Levy Fund	2,701	279	0	0	0	0	0	0	2,980
<b>Total:</b>	12,176	5,264	2,690	3,105	6,100	11,699	3,217	2,250	46,501
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	0	500	0	0	0	0	0	0	500
Cumulative Reserve Subfund - Unrestricted Subaccount	304	31	95	0	0	0	0	0	430
To Be Determined	0	0	0	0	0	7,803	3,217	2,250	13,270
Transportation Fund	1,778	687	3,314	2,192	0	0	0	0	7,970
REET II Capital Fund	3,387	175	987	0	0	0	0	0	4,550
Move Seattle Levy Fund	4,006	0	194	2,604	6,100	3,896	0	0	16,800
Bridging the Gap Levy Fund	2,701	279	0	0	0	0	0	0	2,980
<b>Total:</b>	12,176	1,672	4,590	4,796	6,100	11,699	3,217	2,250	46,500
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Non-Arterial Street Resurfacing and Restoration**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C041
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project repairs and/or replaces deteriorated asphalt pavement and/or concrete panels on non-arterial streets. Project locations are chosen annually based upon the degree of deterioration as confirmed by Department staff field observations, citizen service requests, claims, and potential City liability. High priority is given to non-arterial streets used by transit, in areas with heavy pedestrian and bicycle traffic, and which serve business and industry.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Street Vacations -CRSU	500	0	0	0	0	0	0	0	500
Transportation Funding Package - Parking Tax	0	339	0	0	0	0	0	0	339
State Gas Taxes - City Street Fund	933	433	466	488	492	507	522	532	4,373
Real Estate Excise Tax I	274	0	0	0	0	0	0	0	274
Real Estate Excise Tax II	2,125	1,167	1,150	1,150	1,150	1,150	1,150	1,150	10,192
Vehicle Licensing Fees	121	329	155	159	164	169	174	177	1,448
<b>Total:</b>	3,953	2,268	1,771	1,797	1,806	1,826	1,846	1,859	17,126
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	500	0	0	0	0	0	0	0	500
Transportation Fund	933	772	466	488	492	507	522	532	4,712
REET I Capital Fund	274	0	0	0	0	0	0	0	274
REET II Capital Fund	2,125	1,167	1,150	1,150	1,150	1,150	1,150	1,150	10,192
Transportation Benefit District Fund	121	329	155	159	164	169	174	177	1,448
<b>Total:</b>	3,953	2,268	1,771	1,797	1,806	1,826	1,846	1,859	17,126

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	500	0	0	0	0	0	0	0	500
Transportation Fund	933	772	466	488	492	507	522	532	4,712
REET I Capital Fund	274	0	0	0	0	0	0	0	274
REET II Capital Fund	2,125	1,167	1,150	1,150	1,150	1,150	1,150	1,150	10,192
Transportation Benefit District Fund	121	329	155	159	164	169	174	177	1,448
<b>Total:</b>	3,953	2,268	1,771	1,797	1,806	1,826	1,846	1,859	17,126
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Pavement Microsurfacing

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C023
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This program funds the microsurfacing of streets. Microsurfacing creates a protective layer which preserves the underlying structure and prevents the need for more expensive repairs in the future. It extends the life of the pavement from seven to ten years.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Transportation Funding Package - Parking Tax	2,500	0	0	0	0	0	0	0	2,500
General Fund	1,018	1,191	0	0	0	0	0	0	2,209
Real Estate Excise Tax II	1,549	751	0	0	0	0	0	0	2,300
<b>Total:</b>	5,067	1,941	0	0	0	0	0	0	7,009

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	3,518	1,191	0	0	0	0	0	0	4,709
REET II Capital Fund	1,549	751	0	0	0	0	0	0	2,300
<b>Total:</b>	5,067	1,941	0	0	0	0	0	0	7,009

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	3,518	1,191	0	0	0	0	0	0	4,709
REET II Capital Fund	1,549	751	0	0	0	0	0	0	2,300
<b>Total:</b>	5,067	1,941	0	0	0	0	0	0	7,009

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Pedestrian Master Plan - Crossing Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C061
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program implements the Pedestrian Master Plan. Typical improvements may include the installation of new marked crosswalks, curb bulbs, pedestrian signals, curb ramps, and pedestrian lighting. The goals of the program are to reduce the number and severity of crashes involving pedestrians; make Seattle a more walkable city for all through equity in public engagement, service delivery, accessibility, and capital investments; develop a pedestrian environment that sustains healthy communities and supports a vibrant economy; and raise awareness of the important role of walking in promoting health and preventing disease.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	58	0	0	0	0	0	0	0	58
To Be Determined	0	0	0	0	0	50	50	0	100
Federal Grant Funds	41	123	0	0	0	0	0	0	164
State Gas Taxes - City Street Fund	316	3	0	0	0	0	0	0	319
User Fees	0	500	0	0	0	0	0	0	500
Commercial Parking Tax	83	1,566	2,336	1,841	1,450	2,150	2,800	1,428	13,655
Rubble Yard Proceeds	528	0	0	0	0	0	0	0	528
Partnership - WSDOT	392	0	0	0	0	0	0	0	392
Misc Future Revenue/Grants	0	0	0	0	1,304	0	0	0	1,304
Real Estate Excise Tax I	1,154	847	0	0	0	0	0	0	2,001
Real Estate Excise Tax II	441	0	0	0	0	0	0	0	441
Transportation Move Seattle Levy - Lid Lift	2,087	2,069	1,317	1,200	1,200	1,300	1,300	1,300	11,773
Vehicle Licensing Fees	41	59	40	50	50	0	0	0	240
Transportation Funding Package - Lid Lift	4,627	11	0	0	0	0	0	0	4,638
<b>Total:</b>	<b>9,768</b>	<b>5,179</b>	<b>3,693</b>	<b>3,091</b>	<b>4,004</b>	<b>3,500</b>	<b>4,150</b>	<b>2,728</b>	<b>36,113</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	58	0	0	0	0	0	0	0	58
To Be Determined	0	0	0	0	0	50	50	0	100
Transportation Fund	1,360	2,192	2,336	1,841	2,754	2,150	2,800	1,428	16,862
REET I Capital Fund	1,154	847	0	0	0	0	0	0	2,001
REET II Capital Fund	441	0	0	0	0	0	0	0	441
Move Seattle Levy Fund	2,087	2,069	1,317	1,200	1,200	1,300	1,300	1,300	11,773
Transportation Benefit District Fund	41	59	40	50	50	0	0	0	240
Bridging the Gap Levy Fund	4,627	11	0	0	0	0	0	0	4,638
<b>Total:</b>	<b>9,768</b>	<b>5,179</b>	<b>3,693</b>	<b>3,091</b>	<b>4,004</b>	<b>3,500</b>	<b>4,150</b>	<b>2,728</b>	<b>36,113</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	58	0	0	0	0	0	0	0	58
To Be Determined	0	0	0	0	0	50	50	0	100
Transportation Fund	1,360	2,022	2,339	1,965	2,754	2,150	2,800	1,428	16,818
REET I Capital Fund	1,154	823	24	0	0	0	0	0	2,001
REET II Capital Fund	441	0	0	0	0	0	0	0	441
Move Seattle Levy Fund	2,087	2,114	1,317	1,200	1,200	1,300	1,300	1,300	11,818
Transportation Benefit District Fund	41	0	99	50	50	0	0	0	240
Bridging the Gap Levy Fund	4,627	0	11	0	0	0	0	0	4,638
<b>Total:</b>	<b>9,768</b>	<b>4,959</b>	<b>3,790</b>	<b>3,215</b>	<b>4,004</b>	<b>3,500</b>	<b>4,150</b>	<b>2,728</b>	<b>36,114</b>

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program



## Seattle Department of Transportation

**Pedestrian Master Plan - New Sidewalks**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C058
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project enhances the pedestrian environment in Seattle's neighborhoods by dedicating funding to construct new sidewalks. The New Sidewalk Program draws funding from the School Safety Traffic and Pedestrian Improvement (SSTPI) Fund to improve sidewalks and the pedestrian environment near schools. Additional funding is drawn from other sources to pay for new sidewalk construction that are not in a Seattle Public School walk zone.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	775	870	0	0	0	0	0	0	1,645
School Camera Ticket Revenues	2,977	2,765	6,391	511	243	1,709	731	79	15,407
20% Red Light Camera Revenue	2,352	261	447	3,665	334	279	774	281	8,393
State Grant Funds	0	1,100	520	0	0	0	0	0	1,620
Commercial Parking Tax	0	968	193	231	0	0	0	0	1,391
Real Estate Excise Tax II	2,781	1,889	888	0	11	0	0	0	5,568
Transportation Move Seattle Levy - Lid Lift	7,697	6,476	7,533	3,877	4,134	2,053	3,925	5,663	41,357
Vehicle Licensing Fees	123	770	0	0	0	0	0	0	893
<b>Total:</b>	16,705	15,099	15,971	8,284	4,721	4,042	5,430	6,023	76,274

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	775	870	0	0	0	0	0	0	1,645
School Safety Traffic and Pedestrian Improvement Fund	5,329	3,026	6,838	4,176	577	1,989	1,505	360	23,800
Transportation Fund	0	2,068	713	231	0	0	0	0	3,011
REET II Capital Fund	2,781	1,889	888	0	11	0	0	0	5,568
Move Seattle Levy Fund	7,697	6,476	7,533	3,877	4,134	2,053	3,925	5,663	41,357
Transportation Benefit District Fund	123	770	0	0	0	0	0	0	893
<b>Total:</b>	16,705	15,099	15,971	8,284	4,721	4,042	5,430	6,023	76,274

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	775	7	862	0	0	0	0	0	1,645
School Safety Traffic and Pedestrian Improvement Fund	5,329	3,027	6,838	4,176	577	1,989	1,505	360	23,801
Transportation Fund	0	2,068	713	231	0	0	0	0	3,012
REET II Capital Fund	2,781	1,889	888	0	11	0	0	0	5,568
Move Seattle Levy Fund	7,697	6,475	7,533	3,877	4,134	2,053	3,925	5,663	41,355
Transportation Benefit District Fund	123	755	11	0	2	0	2	0	893
<b>Total:</b>	16,705	14,221	16,845	8,284	4,723	4,042	5,432	6,023	76,274

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Pedestrian Master Plan - School Safety**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C059
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project improves pedestrian and bicycle safety around schools. The work may include: school zone signing; crosswalk, curb bulb, and sidewalk maintenance; changes to traffic circulation around schools; installation of school zone cameras; school walking route maps; and, bike parking at schools. The base level of transportation funding provides improvements at approximately three to four schools per year. A separate operations and maintenance budget funds safe biking and walking education and outreach campaigns at the schools where improvements are made as well as the maintenance of school zone warning beacons. Operation of school zone cameras is directly funded from the Seattle Police Department budget.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	320	0	0	0	0	0	0	0	320
To Be Determined	0	0	0	0	0	1,799	1,871	1,638	5,308
School Camera Ticket Revenues	5,803	1,625	1,678	1,690	1,134	1,134	1,134	1,134	15,332
20% Red Light Camera Revenue	2,449	400	300	300	300	300	300	306	4,655
Federal Grant Funds	2,476	1,779	0	0	0	0	0	0	4,255
State Grant Funds	281	0	0	0	0	0	0	0	281
User Fees	462	1,087	0	0	0	0	0	0	1,549
Misc Future Revenue/Grants	0	0	0	0	3,984	0	0	0	3,984
Real Estate Excise Tax II	4,958	232	0	0	0	0	0	0	5,190
Transportation Move Seattle Levy - Lid Lift	1,594	806	800	800	800	800	800	800	7,200
Transportation Funding Package - Lid Lift	3,686	0	0	0	0	0	0	0	3,686
<b>Total:</b>	<b>22,029</b>	<b>5,929</b>	<b>2,778</b>	<b>2,790</b>	<b>6,218</b>	<b>4,033</b>	<b>4,105</b>	<b>3,878</b>	<b>51,759</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	320	0	0	0	0	0	0	0	320
To Be Determined	0	0	0	0	0	1,799	1,871	1,638	5,308
School Safety Traffic and Pedestrian Improvement Fund	8,252	2,025	1,978	1,990	1,434	1,434	1,434	1,440	19,987
Transportation Fund	3,219	2,865	0	0	3,984	0	0	0	10,068
REET II Capital Fund	4,958	232	0	0	0	0	0	0	5,190
Move Seattle Levy Fund	1,594	806	800	800	800	800	800	800	7,200
Bridging the Gap Levy Fund	3,686	0	0	0	0	0	0	0	3,686
<b>Total:</b>	22,029	5,929	2,778	2,790	6,218	4,033	4,105	3,878	51,759
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	320	0	0	0	0	0	0	0	320
To Be Determined	0	0	0	0	0	1,799	1,871	1,638	5,308
School Safety Traffic and Pedestrian Improvement Fund	8,252	1,909	2,095	1,991	1,434	1,434	1,434	1,440	19,988
Transportation Fund	3,219	1,087	442	0	3,984	1,336	0	0	10,068
REET II Capital Fund	4,958	232	0	0	0	0	0	0	5,190
Move Seattle Levy Fund	1,594	806	800	800	800	800	800	800	7,200
Bridging the Gap Levy Fund	3,686	0	0	0	0	0	0	0	3,686
<b>Total:</b>	22,029	4,035	3,337	2,791	6,218	5,369	4,105	3,878	51,761
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Pedestrian Master Plan - Stairway Rehabilitation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C031
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program implements the Pedestrian Master Plan. The goals of the program are to reduce the number and severity of crashes involving pedestrians; make Seattle a more walkable city for all through equity in public engagement, service delivery, accessibility, and capital investments; develop a pedestrian environment that sustains healthy communities and supports a vibrant economy; and raise awareness of the important role of walking in promoting health and preventing disease. The projects rebuilds and/or rehabilitates stairways to the latest standards, adding proper width, step height, grip rail, landings, and other features required by the Americans with Disabilities Act. The historical LTD amounts for the Stairway Rehabilitation is in project TC367150

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	0	54	0	0	0	0	0	0	54
State Gas Taxes - City Street Fund	0	1	0	0	0	0	0	0	1
Multimodal Funds	0	0	56	57	59	61	62	62	358
Real Estate Excise Tax II	0	49	49	49	49	49	49	49	343
Transportation Move Seattle Levy - Lid Lift	960	498	504	514	524	535	546	557	4,638
Vehicle Licensing Fees	0	730	750	788	787	807	827	847	5,536
<b>Total:</b>	960	1,332	1,359	1,408	1,419	1,452	1,484	1,515	10,930

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	0	54	0	0	0	0	0	0	54
Transportation Fund	0	1	56	57	59	61	62	62	359
REET II Capital Fund	0	49	49	49	49	49	49	49	343
Move Seattle Levy Fund	960	498	504	514	524	535	546	557	4,638
Transportation Benefit District Fund	0	730	750	788	787	807	827	847	5,536
<b>Total:</b>	960	1,332	1,359	1,408	1,419	1,452	1,484	1,515	10,930

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	0	54	0	0	0	0	0	0	54
Transportation Fund	0	1	56	57	59	61	62	62	359
REET II Capital Fund	0	49	49	49	49	49	49	49	343
Move Seattle Levy Fund	960	498	504	514	524	535	546	557	4,638
Transportation Benefit District Fund	0	730	750	788	787	807	827	847	5,536
<b>Total:</b>	960	1,332	1,359	1,408	1,419	1,452	1,484	1,515	10,930
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Retaining Wall Repair and Restoration**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C032
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project covers the in-house crew work involved in repairing or reconstructing retaining walls. The repairs are needed to reduce interference with adjoining sidewalks and roadways.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	779	88	0	0	0	0	0	0	867
Transportation Bond Funds	130	0	0	0	0	0	0	0	130
Parking Garage Disposition Proceeds	1,500	0	0	0	0	0	0	0	1,500
State Gas Taxes - City Street Fund	479	0	0	0	0	0	0	0	479
Commercial Parking Tax	598	102	0	0	0	0	0	0	700
Real Estate Excise Tax I	286	0	0	0	0	0	0	0	286
Real Estate Excise Tax II	3,424	212	212	212	212	212	212	212	4,908
<b>Total:</b>	7,196	402	212	212	212	212	212	212	8,870

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	779	88	0	0	0	0	0	0	867
Transportation Bond Fund	130	0	0	0	0	0	0	0	130
Parking Garage Disposition Proceeds Fund	1,500	0	0	0	0	0	0	0	1,500
Transportation Fund	1,077	102	0	0	0	0	0	0	1,179
REET I Capital Fund	286	0	0	0	0	0	0	0	286
REET II Capital Fund	3,424	212	212	212	212	212	212	212	4,908
<b>Total:</b>	7,196	402	212	212	212	212	212	212	8,870

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	779	88	0	0	0	0	0	0	867
Transportation Bond Fund	130	0	0	0	0	0	0	0	130
Parking Garage Disposition Proceeds Fund	1,500	0	0	0	0	0	0	0	1,500
Transportation Fund	1,077	102	0	0	0	0	0	0	1,179
REET I Capital Fund	286	0	0	0	0	0	0	0	286
REET II Capital Fund	3,424	212	212	212	212	212	212	212	4,908
<b>Total:</b>	<b>7,196</b>	<b>403</b>	<b>212</b>	<b>212</b>	<b>212</b>	<b>212</b>	<b>212</b>	<b>212</b>	<b>8,871</b>

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Seattle Department of Transportation

**SDOT ADA Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C057
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This program is responsible for prioritizing and constructing curb ramps and accessible pedestrian signals (APS), and improving access to city facilities for those living with disabilities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	2,500	2,500	2,500	7,500
School Camera Ticket Revenues	0	0	1,800	0	0	0	0	0	1,800
State Gas Taxes - City Street Fund	0	365	351	371	371	321	321	331	2,431
Multimodal Funds	0	350	0	0	0	0	0	0	350
Misc Future Revenue/Grants	0	0	0	0	2,500	0	0	0	2,500
Real Estate Excise Tax II	0	139	2,300	2,500	0	0	0	0	4,939
Transportation Move Seattle Levy - Lid Lift	6,700	3,350	3,350	3,350	3,350	3,350	3,350	3,350	30,150
Vehicle Licensing Fees	0	852	629	619	660	731	753	765	5,009
<b>Total:</b>	6,700	5,056	8,430	6,840	6,881	6,902	6,924	6,946	54,679

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	2,500	2,500	2,500	7,500
School Safety Traffic and Pedestrian Improvement Fund	0	0	1,800	0	0	0	0	0	1,800
Transportation Fund	0	715	351	371	2,871	321	321	331	5,281
REET II Capital Fund	0	139	2,300	2,500	0	0	0	0	4,939
Move Seattle Levy Fund	6,700	3,350	3,350	3,350	3,350	3,350	3,350	3,350	30,150
Transportation Benefit District Fund	0	852	629	619	660	731	753	765	5,009
<b>Total:</b>	6,700	5,056	8,430	6,840	6,881	6,902	6,924	6,946	54,679

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	2,500	2,500	2,500	7,500
School Safety Traffic and Pedestrian Improvement Fund	0	0	1,800	0	0	0	0	0	1,800
Transportation Fund	0	715	351	371	2,871	321	321	331	5,281
REET II Capital Fund	0	139	2,300	2,500	0	0	0	0	4,939
Move Seattle Levy Fund	6,700	3,350	3,350	3,350	3,350	3,350	3,350	3,350	30,150
Transportation Benefit District Fund	0	852	629	619	660	731	753	765	5,009
<b>Total:</b>	6,700	5,056	8,430	6,840	6,881	6,902	6,924	6,946	54,679
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Seawall Maintenance

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C098
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Alaskan WAY/S Washington ST/Virginia ST
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project will provide critical structural ongoing maintenance to the Seawall facility and meet permitting requirements associated with the Seawall capital project.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Commercial Parking Tax	0	0	399	813	269	825	732	339	3,377
<b>Total:</b>	0	0	399	813	269	825	732	339	3,377

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	0	0	399	813	269	825	732	339	3,377
<b>Total:</b>	0	0	399	813	269	825	732	339	3,377

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	0	0	399	813	269	825	732	339	3,377
<b>Total:</b>	0	0	399	813	269	825	732	339	3,377

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Shoreline Street End Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C011
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Alaskan WAY/S Washington ST/Virginia ST
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project will maintain and improve Seattle’s designated shoreline street ends. There are currently 142 shoreline street ends throughout Seattle. Shoreline street ends are precious community assets, which provide the opportunity to experience and enjoy the splendor of Seattle’s shorelines. This project improves public access, protects unique views, and enhances habitat to create long-lasting assets.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Shoreline Street End Fees	0	0	727	655	732	753	773	793	4,433
<b>Total:</b>	0	0	727	655	732	753	773	793	4,433

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	0	0	727	655	732	753	773	793	4,433
<b>Total:</b>	0	0	727	655	732	753	773	793	4,433

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	0	0	727	655	732	753	773	793	4,433
<b>Total:</b>	0	0	727	655	732	753	773	793	4,433

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

Sidewalk Safety Repair

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C025
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project rehabilitates sidewalks damaged by street trees or where there are serious safety concerns as evidenced by claims, service requests, and potential City liability. The project includes opportunities for public/private partnerships with citizens, property owners, and businesses. Asset management principles are used to guide repair needs and establish priorities for maintaining the sidewalk (or walkway), curbs, curb ramps, and in some cases, a filler strip between the sidewalk and curb.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
To Be Determined	0	0	0	0	0	2,229	2,273	2,841	7,343
School Camera Ticket Revenues	0	0	2,000	0	0	0	0	0	2,000
State Gas Taxes - City Street Fund	68	0	0	0	0	0	0	0	68
Misc Future Revenue/Grants	0	0	0	0	2,184	0	0	0	2,184
Real Estate Excise Tax II	850	2,000	2,100	2,142	0	0	0	0	7,092
Transportation Move Seattle Levy - Lid Lift	3,406	1,685	1,592	1,624	1,656	1,689	1,723	1,257	14,632
Transportation Funding Package - Lid Lift	990	0	0	0	0	0	0	0	990
<b>Total:</b>	5,314	3,685	5,692	3,766	3,840	3,918	3,996	4,098	34,309

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	2,229	2,273	2,841	7,343
School Safety Traffic and Pedestrian Improvement Fund	0	0	2,000	0	0	0	0	0	2,000
Transportation Fund	68	0	0	0	2,184	0	0	0	2,252
REET II Capital Fund	850	2,000	2,100	2,142	0	0	0	0	7,092
Move Seattle Levy Fund	3,406	1,685	1,592	1,624	1,656	1,689	1,723	1,257	14,632
Bridging the Gap Levy Fund	990	0	0	0	0	0	0	0	990
<b>Total:</b>	5,314	3,685	5,692	3,766	3,840	3,918	3,996	4,098	34,309
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	2,229	2,273	2,841	7,343
School Safety Traffic and Pedestrian Improvement Fund	0	0	2,000	0	0	0	0	0	2,000
Transportation Fund	68	0	0	0	2,184	0	0	0	2,252
REET II Capital Fund	850	1,850	2,250	2,142	0	0	0	0	7,092
Move Seattle Levy Fund	3,406	1,684	1,592	1,624	1,656	1,689	1,723	1,257	14,632
Bridging the Gap Levy Fund	990	0	0	0	0	0	0	0	990
<b>Total:</b>	5,314	3,534	5,842	3,766	3,840	3,918	3,996	4,099	34,309
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

Signal Major Maintenance

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C026
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project addresses major work related to the basic infrastructure at traffic signals such as poles, span wires, mast arms, wiring, equipment interconnectivity, video equipment and cabinets to improve and upgrade the traffic signal system. The project also is used for replacement of signal cabinets. In addition, this project rebuilt approximately 10 additional signals in 2016. The expected life of a signal is 30 years; at this time there are more than 1,000 signals within the City.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Commercial Parking Tax	1,096	630	558	582	600	614	629	646	5,355
Real Estate Excise Tax II	1,012	1	0	0	0	0	0	0	1,013
Transportation Move Seattle Levy - Lid Lift	1,785	967	994	1,012	1,030	1,048	1,070	1,092	8,998
<b>Total:</b>	3,893	1,598	1,552	1,594	1,630	1,662	1,699	1,738	15,366

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	1,096	630	558	582	600	614	629	646	5,355
REET II Capital Fund	1,012	1	0	0	0	0	0	0	1,013
Move Seattle Levy Fund	1,785	967	994	1,012	1,030	1,048	1,070	1,092	8,998
<b>Total:</b>	3,893	1,598	1,552	1,594	1,630	1,662	1,699	1,738	15,366

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	1,096	630	558	582	600	614	629	646	5,355
REET II Capital Fund	1,012	1	0	0	0	0	0	0	1,013
Move Seattle Levy Fund	1,785	967	994	1,012	1,030	1,048	1,070	1,092	8,998
<b>Total:</b>	3,893	1,598	1,552	1,594	1,630	1,662	1,699	1,738	15,366

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**



## Seattle Department of Transportation

Sound Transit 3

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C088
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

The City of Seattle is committed to actively collaborating with Sound Transit early in the environmental assessment and design phases of ST3 projects to refine and provide certainty around project scope and cost estimates, and to streamline and expedite the permitting processes. This project allows for City staff to engage proactively with Sound Transit early in 2017 to accomplish these goals.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	51	699	0	0	0	0	0	0	750
User Fees	0	0	1,340	1,610	1,650	1,691	1,733	1,777	9,801
Street Vacations - SVF	0	0	1,000	0	0	0	0	0	1,000
<b>Total:</b>	51	699	2,340	1,610	1,650	1,691	1,733	1,777	11,551

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	51	699	0	0	0	0	0	0	750
Transportation Fund	0	0	2,340	1,610	1,650	1,691	1,733	1,777	10,801
<b>Total:</b>	51	699	2,340	1,610	1,650	1,691	1,733	1,777	11,551

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	51	699	0	0	0	0	0	0	750
Transportation Fund	0	0	2,340	1,610	1,650	1,691	1,733	1,777	10,801
<b>Total:</b>	51	699	2,340	1,610	1,650	1,691	1,733	1,777	11,551

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

Street Lighting Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C076
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Major Maintenance/Replacement
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project provides funding for the street lighting components of transportation projects, where the cost of those components will ultimately be borne by the City's General Subfund. The project enables the Seattle Department of Transportation, the Department of Finance, and Seattle City Light to plan for these costs. Funding is provided from the Light Fund, which recovers these costs through street light rates charged by Seattle City Light to the City's General Subfund. SDOT develops project specific estimates of the cost of lighting components in the year prior to construction. For 2019, funds are budgeted under the individual transportation projects in which the spending will occur. For 2020 through 2024, the funds displayed below have not yet been allocated to specific projects, but will be allocated once detailed project cost estimates are developed.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	1,350	1,350	1,350	1,350	1,350	6,750
<b>Total:</b>	0	0	0	1,350	1,350	1,350	1,350	1,350	6,750

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Fund	0	0	0	1,350	1,350	1,350	1,350	1,350	6,750
<b>Total:</b>	0	0	0	1,350	1,350	1,350	1,350	1,350	6,750

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Transportation Fund	0	0	0	1,350	1,350	1,350	1,350	1,350	6,750
<b>Total:</b>	0	0	0	1,350	1,350	1,350	1,350	1,350	6,750

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Transit Corridor Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C029
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This program implements multimodal projects that improve transit speed, reliability, access, safety, and convenience. The program focuses on corridors and projects identified in the Transit Master Plan. Funding from the Bridging the Gap package and other local sources is used to leverage grant and partnership opportunities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
2015 LTGO Bond Proceeds	973	0	0	0	0	0	0	0	973
Federal Grant Funds	3,546	0	0	0	0	0	0	0	3,546
City Light Fund Revenues	7	0	0	0	0	0	0	0	7
King County Funds	1,246	865	0	0	0	0	0	0	2,111
State Grant Funds	8,037	0	0	0	0	0	0	0	8,037
Commercial Parking Tax	1,504	100	0	0	0	0	0	0	1,604
Transportation Move Seattle Levy - Lid Lift	3,845	2,954	2,900	2,900	2,900	2,900	2,900	2,900	24,199
Vehicle Licensing Fees	3,530	1,820	9,923	3,502	970	994	1,019	1,044	22,802
Transportation Funding Package - Lid Lift	18,908	0	0	0	0	0	0	0	18,908
<b>Total:</b>	41,596	5,739	12,823	6,402	3,870	3,894	3,919	3,944	82,187
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2016 Multipurpose LTGO Bond Fund	973	0	0	0	0	0	0	0	973
Transportation Fund	14,340	965	0	0	0	0	0	0	15,305
Move Seattle Levy Fund	3,845	2,954	2,900	2,900	2,900	2,900	2,900	2,900	24,199
Transportation Benefit District Fund	3,530	1,820	9,923	3,502	970	994	1,019	1,044	22,802
Bridging the Gap Levy Fund	18,908	0	0	0	0	0	0	0	18,908
<b>Total:</b>	41,596	5,739	12,823	6,402	3,870	3,894	3,919	3,944	82,187

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**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2016 Multipurpose LTGO Bond Fund	973	0	0	0	0	0	0	0	973
Transportation Fund	14,340	942	23	0	0	0	0	0	15,305
Move Seattle Levy Fund	3,845	2,906	2,949	2,900	2,900	2,900	2,900	2,900	24,199
Transportation Benefit District Fund	3,530	1,820	9,923	3,502	970	994	1,019	1,044	22,802
Bridging the Gap Levy Fund	18,908	0	0	0	0	0	0	0	18,908
<b>Total:</b>	41,596	5,668	12,894	6,402	3,870	3,894	3,919	3,944	82,187
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Urban Forestry Capital Establishment**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C050
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project includes funding transferred from other capital projects for trees and landscaping costs. This project is necessary to allow for capital projects to close in a timely way, but to ensure support to complete the 3 year establishment for trees and associated planting installed by the project.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Street Vacations -CRSU	90	480	0	0	0	0	0	0	570
Trail and Open Space Levy	8	5	0	0	0	0	0	0	13
2011 LTGO Bond Proceeds	0	9	0	0	0	0	0	0	9
State Gas Taxes - City Street Fund	1	18	0	0	0	0	0	0	19
Commercial Parking Tax	21	54	0	0	0	0	0	0	75
Street Vacations - SVF	5	13	0	0	0	0	0	0	18
Real Estate Excise Tax II	10	99	0	0	0	0	0	0	109
Transportation Move Seattle Levy - Lid Lift	29	18	0	0	0	0	0	0	47
Transportation Funding Package - Lid Lift	6	10	0	0	0	0	0	0	16
<b>Total:</b>	170	706	0	0	0	0	0	0	876

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**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	90	480	0	0	0	0	0	0	570
2008 Parks Levy Fund	8	5	0	0	0	0	0	0	13
2011 Multipurpose LTGO Bond Fund	0	9	0	0	0	0	0	0	9
Transportation Fund	27	85	0	0	0	0	0	0	112
REET II Capital Fund	10	99	0	0	0	0	0	0	109
Move Seattle Levy Fund	29	18	0	0	0	0	0	0	47
Bridging the Gap Levy Fund	6	10	0	0	0	0	0	0	16
<b>Total:</b>	170	706	0	0	0	0	0	0	876
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	90	331	149	0	0	0	0	0	570
2008 Parks Levy Fund	8	5	0	0	0	0	0	0	13
2011 Multipurpose LTGO Bond Fund	0	9	0	0	0	0	0	0	9
Transportation Fund	27	85	0	0	0	0	0	0	112
REET II Capital Fund	10	99	0	0	0	0	0	0	109
Move Seattle Levy Fund	29	18	0	0	0	0	0	0	47
Bridging the Gap Levy Fund	6	10	0	0	0	0	0	0	16
<b>Total:</b>	170	557	149	0	0	0	0	0	876
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

Vision Zero

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-TR-C064
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-TR-19003
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Mobility-Capital
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

Vision Zero is an approach to traffic safety, with the ultimate goal of ending traffic deaths and serious injuries. At the core of Vision Zero is the belief that death and injury on city streets is preventable. Collisions are often the result of poor behaviors and unforgiving roadway designs. This project approaches the problem from the angle of creating street designs that emphasize safety, predictability, and the potential for human error, and will complete 12-15 corridor safety projects over 9 years to improve safety for all travelers on our highest-crash streets. Corridors identified as part of the Move Seattle Levy include: 65th St., Rainier Ave S, 35th Ave SW, SW Roxbury St, Greenwood/Phinney, 1st Ave/1st Ave S, 12th Ave/12th Ave E, Aurora Ave N, Lake City Way, Sand Point Way, E Marginal Way, Airport Way, 35th Ave NE, 15th Ave NE, MLK Jr. Way S, and 5th Ave NE.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	548	0	0	0	0	0	0	0	548
To Be Determined	0	0	0	0	0	0	0	278	278
Federal Grant Funds	401	812	0	0	0	0	0	0	1,213
State Gas Taxes - City Street Fund	15	5	0	0	0	0	0	0	20
Commercial Parking Tax	1,042	308	0	0	0	0	0	0	1,350
Misc Future Revenue/Grants	0	0	0	0	3,899	0	0	0	3,899
Real Estate Excise Tax I	10	409	581	0	0	0	0	0	1,000
Real Estate Excise Tax II	252	10	0	0	0	0	0	0	262
Transportation Move Seattle Levy - Lid Lift	3,209	3,930	3,976	3,002	2,263	2,808	1,668	1,665	22,521
Transportation Funding Package - Lid Lift	62	0	0	0	0	0	0	0	62
<b>Total:</b>	5,539	5,474	4,557	3,002	6,162	2,808	1,668	1,943	31,153

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**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	548	0	0	0	0	0	0	0	548
To Be Determined	0	0	0	0	0	0	0	278	278
Transportation Fund	1,458	1,125	0	0	3,899	0	0	0	6,482
REET I Capital Fund	10	409	581	0	0	0	0	0	1,000
REET II Capital Fund	252	10	0	0	0	0	0	0	262
Move Seattle Levy Fund	3,209	3,930	3,976	3,002	2,263	2,808	1,668	1,665	22,521
Bridging the Gap Levy Fund	62	0	0	0	0	0	0	0	62
<b>Total:</b>	<b>5,539</b>	<b>5,474</b>	<b>4,557</b>	<b>3,002</b>	<b>6,162</b>	<b>2,808</b>	<b>1,668</b>	<b>1,943</b>	<b>31,153</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	548	0	0	0	0	0	0	0	548
To Be Determined	0	0	0	0	0	0	0	278	278
Transportation Fund	1,458	1,125	0	0	3,899	0	0	0	6,482
REET I Capital Fund	10	410	581	0	0	0	0	0	1,000
REET II Capital Fund	252	10	0	0	0	0	0	0	262
Move Seattle Levy Fund	3,209	3,930	3,976	3,002	2,263	2,808	1,668	1,665	22,521
Bridging the Gap Levy Fund	62	0	0	0	0	0	0	0	62
<b>Total:</b>	<b>5,539</b>	<b>5,474</b>	<b>4,557</b>	<b>3,002</b>	<b>6,162</b>	<b>2,808</b>	<b>1,668</b>	<b>1,943</b>	<b>31,154</b>

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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## 2019 - 2024 Proposed Capital Improvement Program



# Seattle City Light



### Overview

Seattle City Light (SCL) is a municipal electric utility, owned by the residents of Seattle and run by the City's elected officials. The utility serves a population of over 882,000 people living in a 131 square-mile area, which includes the City of Seattle and several adjoining jurisdictions. To serve these customers, City Light owns, maintains, and operates a multi-billion-dollar physical plant. The physical plant includes:

- a power supply generation system consisting of seven hydroelectric plants on the Pend Oreille, Skagit, Cedar, and Tolt rivers with a combined capacity of almost 2,000 megawatts;
- 656 miles of high-voltage transmission lines linking these plants to Seattle;
- a distribution system with 15 major substations and more than 2,500 miles of overhead and underground cable;
- a state-of-the-art System Control Center coordinating these activities; and
- billing and metering equipment tracking approximately 447,000 accounts.

City Light's Capital Improvement Program (CIP) is the vehicle for repairing, upgrading, and expanding this infrastructure. The CIP funds a variety of safety improvements, mitigation activities, and licensing requirements. The goal of the utility's capital program is to ensure that the facilities required to serve City Light customers with low-cost, reliable power, are in place. Funding for the CIP comes primarily from retail electricity sales, sales of surplus power on the wholesale market, and the sale of revenue bonds.

The 2019-2024 Strategic Plan for City Light establishes spending priorities and a six-year rate path for the utility and guides development of City Light's \$2.2 billion 2019-2024 Proposed CIP budget.

### Thematic Priorities

The 2019-2024 City Light Strategic Plan identifies four strategic priorities: customer service, affordability, clean energy and core utility business.

- **Customer Service** – Upgrade customer service practices to meet evolving customer needs and expectations by modernizing customer service.
- **Affordability** – Keep customers' bills affordable and stable by implementing strategies to control costs, capture new revenues, and restructure rates.
- **Clean Energy** – Deliver robust and innovative programs to promote the efficient use of clean energy and protect the shared ecosystem.
- **Continuing Progress on Our Core Business** – Invest in our infrastructure and workforce to provide a consistent level of service, reliability, and response.

The first three priorities are areas of strategic focus where City Light must make changes to respond to industry challenges. The initiatives that support each of these priorities are new efforts but will be funded within existing budget and staffing levels. City Light's fourth priority is to continue to maintain and improve our core business.

City Light's CIP projects implement these objectives in the following ways:

#### **Preserve Hydroelectric Generation Assets**

We need to maintain our hydroelectric generation assets through prudent and systematic investments

and maintenance. Current planned enhancements include: dam safety; outage management processes; long-term planning for small legacy hydroelectric projects such as Cedar Falls; improvements of ancillary systems and facilities including powerhouse systems; and Boundary Master Plan and Skagit Master Plan facilities improvement plans.

### **Relicensing**

Acquire new federal licenses to continue to operate three City Light hydroelectric projects: Skagit, Newhalem, and South Fork Tolt. License renewal applications for these projects will be filed in 2023, 2025, and 2027, respectively.

### **Enhanced Grid Performance & Cybersecurity**

As customers have added new distributed resources, utilities – including City Light - have been improving their operational technology (OT) infrastructure. Protection of the electrical grid from cyber threats is also an ongoing challenge. City Light is responding by continuing to upgrade its OT infrastructure and energy grid to protect against cybersecurity risks and improve power grid operations.

### **Preserve Transmission & Distribution Infrastructure**

City Light intends aims to implement industry best practice system improvements through prudent investment and maintenance. Planned enhancements to improve reliability include incorporating new technologies such as smart grid and advanced grid analytics. Specific efforts include: implementing metric driven, cost-benefit analysis supported planning for transmission, substation and distribution projects; developing corporate asset data management procedures; and maximizing benefits derived from our asset management capabilities.

### **Reliability for a Growing City**

Various investments to maintain and upgrade the transmission and distribution systems will improve reliability and ensure City Light has enough capacity to serve our growing city. Specific efforts include: relocating wires and other facilities underground to accommodate changes along the downtown waterfront; adding capacity for the expanding University of Washington and new Sound Transit light rail; adjusting electrical grid operations to realize systemwide benefits from the new Denny substation; and replacing failing underground wires to bring them up to modern standards.

### **City Light's Commitment to Race & Social Justice**

City Light takes its lead from the Citywide Race and Social Justice Initiative (RSJI) to end institutionalized racism in City government. Reaffirmed by Mayor Durkan's [Executive Order 2017-13](#), and in partnership with the community, the Initiative works to change the underlying system that creates race-based disparities in our community and to achieve racial equity in City operations, public engagement and service. As a part of a municipality committed to inclusive public service, race and social justice is considered in all utility programs.

### **Project Selection Criteria**

Several years ago, City Light completed the most extensive planning process ever undertaken by the utility to serve as a road map for how to best meet customers' current and future needs. The plan was the product of a process launched by the Mayor and City Council in 2010 and overseen by a newly chartered City Light Review Panel representing key customer groups.

The 2019-2024 CIP is based on the proposed 2019-2024 Strategic Plan. Project ideas to implement the

Strategic Plan and accomplish baseline service delivery come from throughout City Light. Staff members in the operational divisions are responsible for creating official proposals. Members of each of the utility's organizational lines of business (e.g., power supply, transmission and distribution, customer service) prioritize capital spending within their divisions and then submit recommended projects through a centralized capital budgeting system.

City Light management compares proposals against criteria that evaluate the projects' costs, benefits, and risks. The utility gives priority to mandatory requirements and projects currently underway before considering future projects and new initiatives. Utility staff develops business cases for projects with a total project cost over \$1 million to document the project expectations and rationale and provide a cost-benefit analysis of alternatives.

Availability of funding and labor resources constrains the CIP. City Light management seeks to balance the overall needs of the utility within these constraints and may rescope, reschedule, or defer projects in its six-year CIP. City Light intends to revisit the adopted Strategic Plan every two years to maintain transparency and set direction for future CIP development.

### **2019-2024 Proposed CIP Highlights**

The 2019-2024 Proposed CIP budget outlines \$2.2 billion in capital spending over six years for power supply, transmission, distribution, customer services, and central utility needs. In 2019, approximately \$45 million of this spending is in response to external projects, including suburban undergrounding requests, maintenance of the streetlight system, infrastructure relocations due to transportation projects, and other reimbursable customer-requested work.

City Light monitors and refines CIP project spending plans throughout the year and reports progress to the Mayor and City Council quarterly. City Light submits all significant project changes to the Mayor and the Council for approval through the quarterly supplemental budget process.

**2019-2024 Proposed CIP  
Summary of CIP Project Allocations (in 1,000s)**

	2019	2020	2021	2022	2023	2024
<b>Central Utility Projects</b>	<b>21,319</b>	<b>27,068</b>	<b>27,702</b>	<b>29,889</b>	<b>12,463</b>	<b>9,469</b>
CUSTOMER AND BILLING	64	209	107	220	56	231
FINANCE AND IT SYSTEMS	2,722	2,786	2,430	1,950	2,159	873
FLEETS AND FACILITIES	18,533	24,073	25,165	27,719	10,248	8,365
<b>Distribution</b>	<b>185,135</b>	<b>186,684</b>	<b>234,413</b>	<b>238,047</b>	<b>249,654</b>	<b>237,607</b>
DISTRIBUTION OTHER	19,894	17,708	27,818	19,530	12,246	5,511
NETWORK	24,493	29,526	40,524	37,405	38,025	37,052
RADIAL	60,719	63,689	85,515	96,309	117,808	110,934
SERVICE CONNECTIONS	50,458	47,621	50,655	53,803	53,805	54,225
SUBSTATIONS	29,571	28,140	29,901	31,000	27,770	29,885
<b>External Projects</b>	<b>45,045</b>	<b>51,305</b>	<b>41,575</b>	<b>34,144</b>	<b>20,346</b>	<b>19,280</b>
CUSTOMER OTHER	1,193	336	159	15	15	16
LOCAL JURISDICTIONS	13,777	22,350	24,248	25,507	15,286	15,125
TRANSPORTATION RELOCATIONS	30,075	28,619	17,168	8,622	5,045	4,139
<b>Power Supply</b>	<b>88,645</b>	<b>92,356</b>	<b>72,811</b>	<b>76,098</b>	<b>64,563</b>	<b>69,092</b>
BOUNDARY	48,737	58,042	43,345	32,614	27,079	39,327
CEDAR FALLS - TOLT	4,857	4,764	6,150	2,656	-	-
POWER SUPPLY OTHER	5,905	4,727	2,067	2,086	1,185	710
SKAGIT	29,146	24,823	21,249	38,742	36,299	29,055
<b>Transmission</b>	<b>11,250</b>	<b>10,804</b>	<b>45,806</b>	<b>4,425</b>	<b>5,911</b>	<b>4,571</b>
TRANSMISSION	11,250	10,804	45,806	4,425	5,911	4,571
<b>Grand Total</b>	<b>351,394</b>	<b>368,216</b>	<b>422,307</b>	<b>382,603</b>	<b>352,937</b>	<b>340,019</b>

*A selection of projects from each Program follows.*

### **Central Utility Projects**

Projects in this program provide for centralized billing and customer service systems, financial and information technology systems that are critical to the utility's operation, and vehicle fleets and facilities that are not part of the power generating plant (e.g., equipment shops, service centers, and maintenance yards).

For 2019, the CIP includes \$21.3 million in funding for 23 Central Utility Projects.

Highlights ordered by 2019 Proposed Budget include:

- Equipment Fleet Replacement (MC-CL-XF9101): \$7,178,000  
This ongoing project replaces, updates, and expands City Light's light and heavy-duty mobile equipment fleet. This project also funds the replacement of light-duty vehicles owned by City Light, including those previously leased from the Fleets & Facilities Department and that are now owned by City Light.

- Miscellaneous Building Improvements (MC-CL-XF9007): \$2,462,000  
This ongoing project capitalizes on emergent opportunities to make improvements to City Light's buildings and facilities. The project protects employees and customers from health and safety hazards and permits SCL to meet safety and health code requirements.
- Workplace and Process Improvement (MC-CL-XF9159): \$2,127,000  
This ongoing project funds alterations that preserve workplace efficiency. The project focuses on adapting exterior work spaces and interior building elements to support business process improvements for work groups. Interior systems improvements include things like flooring replacements, interior remodeling, computer network cabling upgrades, uninterruptible power systems and computer flooring. Exterior system improvements include fencing, security systems, paving and striping, and exterior building components.
- Safety Modifications (MC-CL-XF9006): \$1,511,000  
This ongoing project modifies City Light's facilities and provides equipment to correct imminent and critical safety hazards. The project includes upgrades and revisions to systems, equipment and operations, properties and facilities, as needed to comply with safety regulations and best practices for a safe, efficient, and secure work environment.
- IT Security Upgrades (MC-CL-XF9072): \$1,108,000  
The ongoing project updates or replaces information security systems that are at high risk of failure. The project enhances vulnerability and intrusion detection as well as response capabilities and procedures. The project provides (by way of illustration but not limitation) for implementation of systems to replace or upgrade firewalls, routers, switches, operating systems, intrusion detection capabilities, security information and event management, Linux patching procedures, Dynamic Host Configuration Protocol server, Domain Name System server, internal vulnerability scanning, and physical security cameras and networks for SCL locations.
- Office Furniture and Equipment Purchase (MC-CL-XF9103): \$1,105,000  
This ongoing project provides office equipment and furniture costing more than \$5,000 each. This project furnishes newly created or modified space under the Workplace and Process Improvement program, and replaces aging office furnishings with modular office workstations, conference room ensemble furniture, and major office machines. This project enhances worker safety and morale by purchasing ergonomic furniture and providing modern workspaces.

**Distribution:** Projects in this program include improvements to City Light's distribution substations, relays, feeders, network distribution systems, overhead and underground radial distribution systems, service connections, customer meters, and other facilities related to the distribution system.

For 2019, funding is added to support Underground Equipment Replacements, and University of Washington Capacity Additions.

For 2019, the CIP includes \$185.1 million in funding for 58 projects in Distribution.

Highlights ordered by 2019 Proposed Budget include:

- Underground Equipment Replacements (MC-CL-YR8353): \$15,386,000  
This ongoing project replaces and improves underground electrical system equipment that is failing or approaching the end of its useful life. This project enhances distribution system reliability, avoiding unplanned outages or interruption of service due to equipment failure.
- Overhead Equipment Replacements (MC-CL-YR8351): \$11,997,000  
This ongoing project replaces older equipment in City Light's distribution system that is nearing the end of its usable life, is overloaded, or no longer has an available supply of spare parts. These items include, but are not limited to, poles, cross-arms, transformers, and open-wire secondaries.
- Medium Overhead and Underground Services (MC-CL-ZS8366): \$11,784,000  
This ongoing project provides medium size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of 50 KVA to 2.5 MVA and 26 kV radial services. Most of this related work is billable to the customer. The project allows Seattle City Light to provide service to new customers in a safe, reliable, timely, and cost-effective manner.
- Enterprise Software Solution Replacement Strategy (MC-CL-YD9969): \$9,147,000  
This project upgrades or replaces components of the Enterprise Solution Portfolio for the Utility as prescribed by the preferred vendor, Oracle, or other vendor deemed more appropriate, which will maintain enterprise resources that benefit all customers in the City Light service area.
- Network Additions and Services - Denny (MC-CL-ZS8405): \$8,013,000  
This ongoing project provides electrical service connections and related improvements in response to customer service needs within the North Downtown network area. The project provides civil and electrical design assistance to customers to connect existing and proposed buildings to the North Downtown network system. This project also performs capacity addition work associated with service connections, and replaces or installs network transformers, network protectors, and bus ties switches.
- Network Additions and Services: Broad Street Substation (MC-CL-ZS8363): \$7,150,000  
This ongoing project provides electrical service connections and related improvements in response to customer service requests within the Broad Street network areas. The project performs capacity additions work associated with service connections to customers including condominiums, office buildings, medical facilities, hotels, and commercial and apartment buildings. The project also replaces or installs network transformers, network protectors and specialty transformers, and performs short duration system improvement work identified during operations, including retrofitting in-building vaults.
- Substation Equipment Improvements (MC-CL-YS7752): \$6,844,000  
This ongoing project adds, replaces and upgrades substation equipment, particularly the substation electrical and control equipment. The project maintains or improves system reliability, permits compliance with high voltage and environmental regulations, and ensures safe work sites. The



project allows remote control and monitoring of substation equipment from the System Control Center, which facilitates faster response time to correct system instability or outages.

- Pole Attachments (MC-CL-YR8452): \$6,518,000  
This ongoing project funds utility crews and engineers to prepare City Light poles for the attachment of other communication infrastructure. This project provides revenues through pole attachment fees and construction costs, which are fully reimbursable.
- Substation Breaker Replacements and Reliability Additions (MC-CL-YS7779) \$5,916,000  
This ongoing project funds the review of City Light's inventory of approximately 400 transmission and distribution voltage circuit breakers. It determines which have the greatest wear, gas or oil leaks, maintenance cost, and service stress. It replaces those circuit breakers with the highest failure risk.
- Advanced Metering Infrastructure (MC-CL-ZS8426): \$5,756,000  
This project replaces approximately 450,000 existing meters with Smart Meters allowing two-way communication between Seattle City Light and its customers. Smart Meters continuously record and transmit consumption data to the utility. They also automate meter reading, improve the billing capacity, improve outage restoration efficiency, and support rate structure flexibility. Implementation of the project positions the utility to comply with North American Electric Reliability Corporation (NERC) and Federal Energy Regulatory Commission (FERC) programs and requirements.
- Denny Substation - Network (MC-CL-YN8404): \$5,695,000  
This ongoing project provides network system design and construction, engineering design at the substation network interface, and underground conversion of the streetlight, traffic signals, and telecom and fiber optic systems.
- Relaying Improvements (MC-CL-YS7753): \$5,690,000  
This ongoing project replaces protective relays, to ensure system reliability by protecting the rest of the transmission and distribution system from potentially cascading effects if one part fails to operate properly. It upgrades relay technology, allowing remote control and documentation of system events, which enhances the detection and management of equipment problems.
- Small Overhead and Underground Services (MC-CL-ZS8367): \$5,591,000  
This ongoing project provides small size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of less than 50 KVA and 26 kV radial services. Most of this related work is billable to the customer. The project allows Seattle City Light to provide service to new customers in a safe, reliable, timely, and cost-effective manner.
- Overhead Customer Driven Capacity Additions (MC-CL-YR8355): \$5,055,000  
This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old line segments, relocates lines for construction clearances, and replaces rotten and damaged poles in the distribution system. This work is driven by specific customer projects for their direct benefit and is therefore reimbursable.

**External Projects:** Projects in this program respond to requests from local jurisdictions to relocate distribution services from overhead to underground systems per the terms of franchise agreements; maintain and upgrade the streetlight system; relocate utility infrastructure in response to major transportation projects; and provide capital improvements in response to other customer-requested

service needs. Allocation changes reflect revised scope and schedule projections provided by the transportation project managers.

For 2019, the budget adds funding to support Sound Transit 3 – City Light, and Alaskan Way Viaduct and Seawall Replacement - Utility Relocations.

For 2019, the CIP includes \$45 million in funding for 15 External Projects.

Highlights ordered by 2019 Proposed Budget include:

- Alaskan Way Viaduct and Seawall Replacement - Utility Relocations (MC-CL-ZT8307): \$20,423,000  
This project allows the City to comply with its requirements to relocate Seattle City Light's infrastructure associated with the replacement of the Alaskan Way Viaduct and improvements to the Seawall and Central waterfront.
- Streetlights: Arterial, Residential and Floodlights (MC-CL-ZL8378): \$5,749,000  
This ongoing project provides street lighting as requested by various taxing jurisdictions and other customers. Streetlights and floodlights are provided in public right of way, and on private property, for either public or private benefit.
- Transportation Streetlights (MC-CL-ZL8377): \$4,186,000  
This ongoing project relocates Seattle City Light owned streetlights as required by City of Seattle transportation projects.
- Overhead and Underground Relocations (MC-CL-ZT8369): \$3,983,000  
This ongoing project moves electrical lines to accommodate or take advantage of transportation-related projects, street vacations, or other projects being constructed by non-City Light agencies. This project addresses modifications to the distribution system, including replacement or modifications of old line segments, poles, and underground facilities, as necessary. Some project costs are paid by City Light and some are paid by the requesting agencies, depending on the circumstances.
- Streetlight LED Conversion Program (MC-CL-ZL8441): \$2,672,000  
This ongoing project upgrades streetlights with LED fixtures, which will reduce annual energy consumption by 40% (for those lights replaced), provide greenhouse gas avoidance of 5,446 metric tons of carbon per year, and reduce maintenance cost of the utility's streetlight system. With a total system conversion, it is estimated that annual operating costs will be reduced \$3.7 million per year. The savings in energy and maintenance costs will pay for the initial investment within the life of the new system.
- Sound Transit Lynnwood - City Light (MC-CL-ZT8471): \$2,469,000  
This project supports Sound Transit's Lynnwood Link, which will extend from the Northgate Transit Center at 5th Ave NE & NE 100th Street to our service area boundary at NE 200th Street, near the I-5 Right of Way. This project will include 100 blocks of relocations, a significant portion of which will convert lines from overhead to underground. The project will install two feeders for each of the light rail line's traction power stations and will upgrade the radial system's capacity where needed to serve the new load. The low and medium power service connections for the line's stations will be handled through the existing service projects.

**Power Supply:** Projects in this program include improvements to City Light's dams, generators, powerhouses, and other related projects. In addition, the program contains projects designed to help City Light comply with federal licensing and environmental mitigation requirements at the utility's dams.

City Light sequences work on major power production equipment (i.e., generator rebuilds and runner replacements) to reduce the impact to power generation and level capital spending.

For 2019, the budget adds funding to support Skagit Facilities Plan (Diablo Roof Replacement), Skagit Facilities Plan Phase 2, and Boundary Facilities Plan.

For 2019, the CIP includes \$88.6 million in funding for 53 projects in Power Supply

Highlights ordered by 2019 Proposed Budget include:

- Boundary - Licensing Mitigation (MC-CL-XB6987): \$22,131,000  
This ongoing project implements Protection, Mitigation and Enhancement measures (PMEs) required by the terms and conditions of the license issued by FERC in 2013. The license allows for the continued operation of the Boundary Hydroelectric Project, Seattle City Light's largest generating station producing approximately 25% to 40% of the City's power supply.
- Boundary Powerhouse - Unit 54 Generator Rebuild (MC-CL-XB6353): \$11,036,000  
This project provides rewinding and refurbishing of the Boundary Powerhouse Unit 54 generator, which is part of a programmatic series of projects to maintain and extend the useful life of the utility's aging generators. This project also provides replacement of the carbon dioxide fire-suppression system with a water sprinkler system to improve worker safety. If technology is sufficiently advanced, it may also include a rotor-mounted scanner or other diagnostic equipment.
- Boundary Powerhouse Generator Step-up Transformer Replacement (MC-CL-XB6493): \$7,674,000  
This project replaces existing step-up transformers at Boundary Dam, which are 50 years old and have exceeded their reliable service life. This project also purchases a spare transformer because normal delivery time for transformers from order to on-site is 18 to 24 months. This project enhances long-term reliability and allows for City Light to avoid a prolonged loss of generation capacity.
- Skagit - Relicensing (MC-CL-XS6986): \$6,448,000  
This ongoing project provides support of the relicensing activities for the Skagit River Hydroelectric Project including support of staff, environmental studies, documentation, and consultation. Relicensing work will begin in 2019. The current FERC license for the Skagit Project expires in 2025, and the license application is due for submission to FERC in May 2023.
- Skagit Facilities Plan (MC-CL-XS6520): \$4,110,000  
This project implements a comprehensive facility plan to optimize buildings and structures at two Skagit town sites. The project preserves essential facilities that support SCL's power production needs, and retains important civic, cultural, and historic features in keeping with the historic preservation requirements of the Skagit FERC Licensing agreement. The project will reduce operational costs by dismantling and removing surplus facilities that require significant on-going maintenance.
- Boundary Powerhouse - Unit 51 Generator Rebuild (MC-CL-XB6351): \$3,351,000  
This project provides the rewinding and refurbishing of the Unit 51 generator to extend its useful life, which is part of a programmatic series of projects to maintain the utility's aging generators. It

also replaces the carbon dioxide fire-suppression system with a water sprinkler system to enhance worker safety.

- Ross - Exciters 41-44 (MC-CL-XS6564): \$3,232,000  
This project provides installation of new remote temperature monitoring equipment at the Boundary, Skagit and Cedar Falls power facilities.
- Diablo Powerhouse - Rebuild Generator Unit (MC-CL-XS6423): \$2,305,000  
This project rebuilds Generator 32 at Diablo Powerhouse, which provides 4.4% of the total power Seattle City Light generates. This project is part of the utility's Generator Rebuild Program, a series of projects to maintain and extend the useful life of the utility's aging generators. The program rebuilds ten generators, accounting for 70% of City Light's generating capability.
- Skagit Powerhouses - Install Protection Relays (MC-CL-XS6415): \$2,206,000  
This project enhances generating reliability by adding protective relays to generating systems at the Ross, Diablo, and Gorge plants, whose generator protective relays do not meet present Institute of Electrical and Electronics Engineers Standards. The project funds the addition of microprocessor relays to the existing system, certain auxiliary protective equipment, and modifies the design of the existing protection system to upgrade functionality. This will limit the potential for damage when surges and faults occur in transmission lines due to lightning strikes, load rejections, and other unexpected events.
- Cedar Falls - Bank 6 Replacement (MC-CL-XC6573): \$2,106,000  
This project replaces the 60-year old Bank 6 power step up transformer at Cedar Falls. Bank 6 provides the connection between our Cedar Falls Generating Units 5 and 6 and the transmission system. The transformer is approaching the end of its useful life and the goal of this project is to replace it during a planned outage before it fails.

**Transmission:** Projects in this program include transmission capacity and reliability projects to deliver power from City Light's dams to its distribution system and the regional power grid. City Light owns and maintains 656 miles of transmission capacity that connect the Skagit facilities to Seattle. City Light also leases additional transmission capacity to connect to the Boundary, Cedar Falls, and Tolt hydroelectric projects.

For 2019, the CIP budget includes \$11.3 million in funding for six projects in Transmission.

Highlights ordered by 2019 Proposed Budget include:

- Transmission Reliability (MC-CL-YT7104): \$3,871,000  
This ongoing project replaces the worst 1% of City Light's transmission structures and conductors each year. This project also provides engineering, construction, and related work; improving and maintaining the reliability of the overhead or underground transmission system.
- Transmission Line Inductor Installation (MC-CL-YT8461): \$3,765,000  
This project addresses the issue of increased electric transmission congestion load growth in the Puget Sound Area. The project funds the installation of inductors or phase shifting transformers which curtail the flow of power through the Seattle area, while improving customer and asset strengths and maintaining reliability.
- Denny Substation Transmission Lines (MC-CL-YT7125): \$2,850,000

**2019-2024 Proposed Capital Improvement Program**

This project designs and constructs transmission lines to support the new Denny Substation. These transmission lines are created by dividing the existing Pine to Broad Street transmission line into two transmission lines. The remaining new lines will come from the Canal and Massachusetts substations. This project also provides for undergrounding of the transmission lines.

### **City Light's CIP Project Cuts 2019-2024**

During the strategic planning and rate setting process, the Mayor directed City Light to review its capital budget and to find cost savings without jeopardizing essential services and safety, with the goal of bringing rate increases more in line with inflation. The 2019-2020 Proposed CIP incorporates reductions of \$241 million to City Light's six-year capital budget. City Light will monitor operations and prioritize spending to ensure that current customer service levels are maintained, but the department is confident that the reductions will not adversely impact core functions.

The primary reductions to the six-year CIP to achieve the \$241 million in savings, compared below to their original 2019-2020 baseline budget, are:

- \$100 million for the revitalization of the north and south service centers (project cancelled);
- \$32 million of a \$148 million budget from the ongoing Overhead Equipment Replacement project (SCL will absorb the reduction and defer non-critical work);
- \$30 million of a \$213 million budget for Underground Equipment Replacements (SCL will absorb the reduction and defer non-critical work);
- \$28 million of a \$88 million for Boundary and Skagit Minor Emergent CIP issues (SCL will absorb reduction and defer non-critical work);
- \$21 million for the Boundary Powerhouse transformer replacement project (project deferred);
- \$20 million for less-critical components of the Skagit and Boundary facilities master plans (project scope reduced); and
- \$10 million by eliminating the technical training center project (project cancelled).

### **CIP Revenue Sources**

Retail electricity sales and surplus energy sales on the wholesale market fund a large part of City Light's CIP. Other funding comes from direct customer billing (including service connections and other customer requested work) and assorted fees. City Light also finances a portion of the CIP through the sale of revenue bonds. City Light's policy is to limit debt financing to 60% of any given six-year CIP ([Resolution 31187](#)).

### **Summary of Upcoming Budget Issues and Challenges**

#### **Budget Issues**

Even though the Seattle area is experiencing a construction and population boom, customer electricity consumption is not following suit. Instead, due to energy efficiency programs and policy successes, consumption continues to decline, creating revenue challenges for City Light. To limit cost increases to

our customers, City Light will reduce capital spending by \$241 million over the six-year strategic planning horizon – a 9% reduction.

### Challenges

There are several challenges that will transform our business over the next decade:

- *New technologies are transforming how people use electricity.* Commercialization of energy technologies pose a potential risk to City Light. New options and products for controlling consumption, generating, and storing electricity will impact how customers interact with their local utility.
- *Retail energy consumption is declining.* Advances in energy efficiency have reduced consumer energy demand. Due in part to energy efficient building codes and new technologies, today's multifamily units consume approximately half as much energy as older single-family homes.
- *Power supply assumptions are changing.* Low wholesale market prices coupled with rising costs of hydro operations are quickly eroding the market advantage afforded by City Light's hydroelectric resources.
- *Impact of retirements and legacy practices.* As more employees become eligible for retirement and workflows are not documented or digitized, City Light risks the loss of institutional memory, costly service interruptions and a potential impact to service delivery.
- *Climate change continues, and clean energy is more valuable than ever.* Weather pattern changes affect reservoir levels and seasonal energy consumption, leading to increasing volatility of energy supply and demand.

### Future Projects/What is on the Horizon

New projects included in the 2019-2024 Strategic Plan include the following:

- University of Washington Capacity Additions
- Sound Transit 3- City Light
- Refurbishment and Replacement of Powerhouse Systems – Diablo Roof Replacement
- Skagit Facilities Master Plan Phase 2
- Boundary Facilities Master Plan

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
<b>Customer Focused</b>							<b>BSL/Program Code:</b>		<b>BC-CL-Z</b>
<u>Discrete</u>									
Advanced Metering Infrastructure (MC-CL-ZS8426)	30,467	64,160	5,756	0	0	0	0	0	100,383
Alaskan Way Viaduct and Seawall Replacement - Utility Relocs (MC-CL-ZT8307)	157,114	40,632	20,423	21,959	12,557	3,876	606	0	257,167
Center City Connector Streetcar City Light (MC-CL-ZT8470)	393	6,162	2,370	1,064	24	0	0	0	10,013
Creston-Nelson to Intergate East Feeder Installation (MC-CL-ZO8430)	7,180	435	1,178	321	144	0	0	0	9,258
New Customer Information System (MC-CL-ZC9937)	57,167	6,419	13	0	0	0	0	0	63,599
Seattle Waterfront Streetlight Installation (MC-CL-ZL8481)	26	597	1,071	4,738	5,531	4,525	0	0	16,488
Sound Transit - City Light System Upgrades (MC-CL-ZT8475)	41	115	0	0	25	0	0	0	181
Sound Transit Light Rail East Link - City Light (MC-CL-ZT8450)	150	1,871	150	0	0	0	0	0	2,171
Sound Transit Lynnwood - City Light (MC-CL-ZT8471)	371	2,324	2,469	1,433	240	243	246	0	7,326
State Route 520 Bridge Relocations (MC-CL-ZT8435)	64	548	330	100	22	0	0	0	1,064
<u>Ongoing</u>									
Call Center Improvements - City Light (MC-CL-ZC9972)	0	503	51	209	107	220	56	231	1,377
Citywide Undergrounding Initiative - City Light (MC-CL-ZL8403)	6	10	10	11	11	11	12	12	83
Large Overhead and Underground Services (MC-CL-ZS8365)	23,626	3,215	4,278	3,272	5,153	6,334	6,469	6,641	58,988

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

Major Emergency (MC-CL-ZS8380)	5,650	265	780	798	1,376	1,407	527	1,444	12,247
Medium Overhead and Underground Services (MC-CL-ZS8366)	129,805	14,467	11,784	12,315	12,479	15,654	14,658	14,144	225,306
Meter Additions (MC-CL-ZS8054)	39,753	2,360	2,235	2,844	3,016	3,069	2,900	2,900	59,077
Neighborhood Voluntary Undergrounding Program (MC-CL-ZO8383)	277	15	15	15	15	15	15	16	383
Network Additions and Services - Denny (MC-CL-ZS8405)	6,794	4,351	8,013	9,351	7,214	5,680	5,761	5,843	53,007
Network Additions and Services: Broad Street Substation (MC-CL-ZS8363)	70,962	10,227	7,150	7,148	7,362	7,295	7,826	7,326	125,296
Network Additions and Svcs: First Hill, Mass, Union & Univer (MC-CL-ZS8364)	46,463	3,292	3,373	3,326	3,962	3,864	4,135	3,917	72,332
Normal Emergency (MC-CL-ZS8379)	13,876	576	581	591	1,699	1,736	1,925	1,785	22,769
Overhead and Underground Relocations (MC-CL-ZT8369)	16,792	6,422	3,983	3,714	3,950	3,903	3,593	3,539	45,896
Overhead Outage Replacements (MC-CL-ZS8350)	3,360	315	442	918	933	1,081	1,103	1,158	9,310
Small Overhead and Underground Services (MC-CL-ZS8367)	67,076	6,312	5,591	5,064	5,390	5,935	6,725	7,254	109,347
Sound Transit 3 - City Light (MC-CL-ZT8467)	0	0	350	350	350	600	600	600	2,850
Streetlight Infrastructure Replacement (MC-CL-ZL8460)	9,800	3,651	89	0	0	0	0	0	13,540
Streetlight LED Conversion Program (MC-CL-ZL8441)	34,068	7,821	2,672	6,411	6,436	5,913	3,862	3,970	71,153
Streetlights: Arterial, Residential and Floodlights (MC-CL-ZL8378)	29,593	4,489	5,749	4,103	5,191	7,245	4,891	4,466	65,727
Transportation Streetlights (MC-CL-ZL8377)	13,522	4,846	4,186	7,087	7,079	7,813	6,521	6,677	57,731
Underground Outage Replacements (MC-CL-ZS8352)	19,421	612	475	1,994	2,071	1,748	1,776	1,813	29,910
<b>Customer Focused</b>	<b>783,817</b>	<b>197,012</b>	<b>95,567</b>	<b>99,136</b>	<b>92,337</b>	<b>88,167</b>	<b>74,207</b>	<b>73,736</b>	<b>1,503,979</b>
<b>Financial Services</b>									
						<b>BSL/Program Code:</b>			<b>BC-CL-W</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program



Discrete

Data Warehouse Implementation (MC-CL-WF9975)	0	1,723	146	146	146	147	147	0	2,455
Enterprise Document Management System (MC-CL-WF9962)	5,559	832	980	1,023	923	673	873	873	11,736
PeopleSoft Reimplementation - City Light (MC-CL-WF9970)	18,222	8,954	0	0	0	0	0	0	27,176

Ongoing

Information Technology Infrastructure (MC-CL-WF9915)	25,334	631	488	488	489	490	491	0	28,411
IT Security Upgrades (MC-CL-WF9960)	3,959	1,119	1,108	1,128	872	640	648	0	9,474

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<b>Financial Services</b>	53,074	13,259	2,722	2,785	2,430	1,950	2,159	873	79,252
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**Power Supply & Environ Affairs**

**BSL/Program Code:**

**BC-CL-X**

Discrete

Boundary - Access Road Stability Improvements (MC-CL-XB6615)	831	548	0	0	0	0	558	9,023	10,960
Boundary - DC Battery System & Charge Modernization (MC-CL-XB6566)	123	197	550	884	89	765	0	0	2,608
Boundary - Entrance Improvements (MC-CL-XB6601)	409	2,050	194	0	0	0	0	0	2,653
Boundary - Level 6 Deck Stabilization (MC-CL-XB6604)	0	1,500	21	0	0	0	0	0	1,521
Boundary - Unit 56 Exciter Replacement (MC-CL-XB6603)	1,336	32	41	0	0	0	0	0	1,409
Boundary Control Room Alarm system replacement (MC-CL-XB6637)	0	205	215	229	238	0	0	0	887
Boundary Crane Improvements (MC-CL-XB6620)	281	5,074	41	0	0	0	0	0	5,396
Boundary Dam - Instrumentation Upgrade and Integration (MC-CL-XB6343)	13,192	383	307	0	0	0	0	0	13,882
Boundary DC Panel Upgrade (MC-CL-XB6628)	0	513	206	210	0	0	0	0	929

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**2019 - 2024 Proposed Capital Improvement Program**

Boundary Fiber Ring Upgrade (MC-CL-XB6635)	0	0	0	216	562	0	0	0	778
Boundary Governor Rehabilitation (MC-CL-XB6641)	0	0	0	0	0	4,511	4,511	0	9,022
Boundary Powerhouse - Transformer Bank Rockfall Mitigation (MC-CL-XB6485)	502	0	0	0	0	0	0	0	502
Boundary Powerhouse - Unit 51 Generator Rebuild (MC-CL-XB6351)	1,232	13,991	3,351	1,889	0	0	0	0	20,463
Boundary Powerhouse - Unit 52 Generator Rebuild (MC-CL-XB6535)	0	0	594	12,371	5,481	1,788	0	0	20,234
Boundary Powerhouse - Unit 54 Generator Rebuild (MC-CL-XB6353)	0	3,036	11,036	7,771	1,985	0	0	0	23,828
Boundary Powerhouse Exhaust system (MC-CL-XB6634)	0	0	0	0	0	340	595	0	935
Boundary Powerhouse Generator Step-up Transformer Replacement (MC-CL-XB6493)	11,568	10,063	7,674	7,572	7,743	804	112	0	45,536
Boundary Service Area Paving (MC-CL-XB6632)	0	0	0	0	0	0	348	1,154	1,502
Boundary Sluice Gate Automation (MC-CL-XB6638)	0	0	0	0	0	1,451	0	0	1,451
Boundary Sluice Gate Walkway Replacement (MC-CL-XB6631)	0	0	0	0	566	0	0	0	566
Boundary Station Service Transformer Replacement (MC-CL-XB6627)	0	0	210	3,822	4,004	314	0	0	8,350
Boundary Sump Pump Drive Replacement (MC-CL-XB6633)	0	0	207	220	223	232	241	0	1,123
Boundary Tailrace Boat Ramp improvements (MC-CL-XB6630)	0	0	130	443	0	0	0	0	573
Boundary Tailrace East Access Road Improvements (MC-CL-XB6629)	0	0	0	0	0	571	0	0	571
Boundary U55/56 Fire Suppression (MC-CL-XB6636)	0	0	0	645	579	616	0	0	1,840

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

Cedar Falls - Bank 6 Replacement (MC-CL-XC6573)	0	354	2,106	819	0	0	0	0	3,279
Cedar Falls - New Generator 5/6 Exciters (MC-CL-XC6531)	66	1,089	440	296	0	0	0	0	1,891
Cedar Falls Powerhouse - Penstock Stabilization (MC-CL-XC6358)	2,084	0	373	494	178	0	0	0	3,129
Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay (MC-CL-XC6450)	1,032	0	0	439	309	30	0	0	1,810
Cedar Falls Powerhouse - Valvehouse Rehabilitation (MC-CL-XC6324)	0	0	0	502	3,100	0	0	0	3,602
Cedar Falls Rehabilitation (MC-CL-XC6625)	156	319	493	262	268	275	0	0	1,773
Diablo - Load Interrupters Replacement (MC-CL-XS6532)	1,692	3,701	579	6	0	0	0	0	5,978
Diablo - Replace Bank Transformers (MC-CL-XS6589)	0	0	0	106	882	7,296	0	0	8,284
Diablo Facility - Incline Lift Rehabilitation (MC-CL-XS6457)	0	0	0	31	0	0	0	0	31
Diablo Facility - Lines Protection Upgrades (MC-CL-XS6483)	5,771	40	710	688	3	0	0	0	7,212
Diablo Powerhouse - Rebuild Generator Unit 31 (MC-CL-XS6422)	18,335	6,399	23	0	0	0	0	0	24,757
Diablo Powerhouse - Rebuild Generator Unit 32 (MC-CL-XS6423)	5,217	14,715	2,305	0	0	0	0	0	22,237
Generation Federal Reliability Standards Improvements (MC-CL-XP6470)	9,521	10	11	11	0	0	0	0	9,553
Georgetown Steamplant Access Road (MC-CL-XF9233)	13	1,411	0	0	0	0	0	0	1,424
Gorge - 240V AC Station Service Switchgear Replacement (MC-CL-XS6581)	660	167	374	0	0	0	0	0	1,201
Gorge Crane Rehabilitation (MC-CL-XS6639)	0	0	0	0	1,952	0	0	0	1,952

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

Gorge Powerhouse - Fire Protection Improvements (MC-CL-XS6326)	0	53	0	0	0	0	0	0	53
Gorge U21-24 overhauls (MC-CL-XS6640)	0	0	0	0	0	550	15,788	16,182	32,520
Landis and Gyr RTU Modernization Boundary, CF, Skagit (MC-CL-XB6565)	0	0	123	932	558	0	0	0	1,613
Newhalem - Generator 20/Support Facility Rebuild (MC-CL-XS6479)	5,827	379	359	56	0	0	0	0	6,621
Power Production - Network Controls (MC-CL-XP6385)	6,994	1,164	1,267	399	0	0	0	0	9,824
Ross - Exciters 41-44 (MC-CL-XS6564)	0	167	3,232	271	688	0	0	0	4,358
Ross - Governors (MC-CL-XS6562)	358	559	1,064	3,339	0	0	0	0	5,320
Ross - Powerhouse Rockfall Mitigation (MC-CL-XS6577)	0	0	0	0	0	117	3,483	17	3,617
Ross Dam - AC/DC Distribution System Upgrade (MC-CL-XS6373)	2,382	1,486	1,248	1,250	0	0	0	0	6,366
Ross Powerhouse - Programmable Language Controller Upgrade (MC-CL-XS6376)	95	141	136	82	0	0	0	0	454
Skagit - Babcock Creek Crossing (MC-CL-XS6514)	228	60	600	159	0	0	0	0	1,047
Skagit - Boat Facility Improvements (MC-CL-XS6540)	1,710	3,152	1,586	696	0	0	0	0	7,144
Skagit - DC Battery System (MC-CL-XS6583)	1,108	500	304	21	0	0	0	0	1,933
Skagit - Sewer System Rehabilitation (MC-CL-XS6232)	4,979	550	665	2,265	0	0	0	0	8,459
Skagit Facilities Plan (MC-CL-XS6520)	2,896	2,760	4,110	1,571	0	0	0	0	11,337
Skagit Facilities Plan Phase 2 (MC-CL-XS6521)	0	0	386	4,465	721	525	7,332	2,234	15,663
Skagit Powerhouses - Install Protection Relays (MC-CL-XS6415)	4,489	1,409	2,206	2,186	1,318	0	0	0	11,608
SMT AutoLab (MC-CL-XP6600)	0	0	242	423	0	0	0	0	665
Solar Microgrid for Resilience (MC-CL-XF9238)	43	4,619	225	262	0	0	0	0	5,149

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

Western Energy Imbalance Market (MC-CL-XP9976)	104	11,993	1,236	663	0	0	0	0	13,996
<u>Ongoing</u>									
Boundary - Licensing Mitigation (MC-CL-XB6987)	55,841	49,081	22,131	16,293	13,501	11,731	10,034	17,634	196,246
Boundary Facilities Master Plan (MC-CL-XB6642)	0	0	250	500	500	750	1,500	1,500	5,000
Boundary Facility - Minor Improvements Program (MC-CL-XB6401)	20,327	1,701	846	4,045	7,316	8,741	9,180	10,016	62,172
Building Envelope Upgrades (MC-CL-XF9072)	5,568	3,072	1,361	1,442	1,440	1,528	0	0	14,411
Cedar Falls/South Fork Tolt - Minor Improvements Program (MC-CL-XC6406)	11,127	2,155	1,445	1,953	2,295	2,351	0	0	21,326
Dam Safety Part 12 Improvements (MC-CL-XB6626)	158	548	610	0	0	0	0	0	1,316
Denny Substation Tenant Improvements (MC-CL-XF9235)	1,936	4,334	303	85	0	0	0	0	6,658
Diablo Dam - Spill Gate Trunnion Upgrades (MC-CL-XS6610)	618	339	610	640	666	697	596	473	4,639
Electric Vehicle Infrastructure (MC-CL-XF9237)	468	2,571	166	542	0	0	0	0	3,747
Endangered Species Act Mitigation (MC-CL-XP6990)	11,514	1,597	1,117	1,125	1,145	1,164	1,185	710	19,557
Energy Conservation (MC-CL-XF9320)	3,866	571	121	127	131	139	0	0	4,955
Environmental Safeguarding and Remediation of Facilities (MC-CL-XF9152)	664	97	60	63	67	70	0	0	1,021
Equipment Fleet Replacement (MC-CL-XF9101)	69,634	14,594	7,178	7,182	7,185	9,051	8,867	8,000	131,691
Facilities Infrastructure Improvements (MC-CL-XF9156)	3,516	737	94	102	98	103	0	0	4,650
Facilities Regulatory Compliance (MC-CL-XF9151)	1,804	577	324	332	340	348	357	365	4,447
Hydro Project Spill Containment (MC-CL-XP6530)	2,199	366	701	775	0	0	0	0	4,041

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

Miscellaneous Building Improvements (MC-CL-XF9007)	8,867	3,076	2,462	3,987	4,101	4,338	0	0	26,831
North and South Service Center Improvements (MC-CL-XF9107)	13,153	402	839	4,008	5,428	5,769	647	0	30,246
Office Furniture and Equipment Purchase (MC-CL-XF9103)	2,147	1,427	1,105	1,134	1,121	1,149	0	0	8,083
Safety Modifications (MC-CL-XF9006)	3,493	2,341	1,511	1,529	1,560	1,654	377	0	12,465
Seismic Mitigation (MC-CL-XF9134)	1,151	87	102	613	623	649	0	0	3,225
Skagit - Relicensing (MC-CL-XS6986)	148	1,044	6,448	6,057	13,858	26,723	4,207	0	58,485
Skagit Facility - Minor Improvements Program (MC-CL-XS6405)	24,563	2,563	1,608	806	1,073	2,750	4,808	10,016	48,187
Skagit Licensing Mitigation (MC-CL-XS6991)	3,304	557	593	126	88	84	85	133	4,970
Special Work Equipment - Generation Plant (MC-CL-XP6102)	7,584	1,280	1,331	1,331	922	922	0	0	13,370
Special Work Equipment - Shops (MC-CL-XF8389)	1,466	517	293	293	293	293	0	0	3,155
Substation Comprehensive Improvements (MC-CL-XF9161)	1,980	307	262	275	280	0	0	0	3,104
Workplace and Process Improvement (MC-CL-XF9159)	6,308	2,645	2,127	2,096	2,498	2,628	0	0	18,302

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**Power Supply & Environ Affairs**      368,638    193,375    107,178    116,427    97,976    103,817    74,811    77,457    1,139,679

**Transmission and Distribution**

**BSL/Program Code:**

**BC-CL-Y**

Discrete

Dallas Ave. 26 kV Crossing (MC-CL-YR8322)	494	170	47	48	74	51	957	28	1,869
Denny Substation Development (MC-CL-YS7757)	171,595	35,202	0	0	0	0	0	0	206,797
Denny Substation Transmission Lines (MC-CL-YT7125)	11,469	6,355	2,850	6,594	42,872	0	0	0	70,140
Distribution Management System (MC-CL-YD9966)	0	0	944	2,680	5,507	0	0	0	9,131

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

Enterprise Geographic Information System (MC-CL-YD9957)	5	6,334	94	64	1,111	1,122	0	0	8,730
First Hill - Network Load Transfer (MC-CL-YN8407)	0	0	896	903	7,595	7,773	7,687	7,855	32,709
Interbay Substation - Development (MC-CL-YS7756)	0	0	29	30	170	231	288	295	1,043
LRDS Editor Upgrade (MC-CL-YD9977)	0	0	1,721	182	0	0	0	0	1,903
Mobile Workforce Implementation (MC-CL-YR8429)	398	1,945	1,136	1,163	1,190	0	0	0	5,832
Outage Management System Phase II Implementation (MC-CL-YD9967)	0	2,004	91	0	0	0	0	0	2,095
RCOS Power Plant Controller Replacement (MC-CL-YD9948)	0	0	0	0	2,500	0	0	0	2,500
Transmission Line Inductor Installation (MC-CL-YT8461)	8,966	14,001	3,765	640	27	0	0	0	27,399
Transmission Line Reconductoring (MC-CL-YT8462)	639	4,208	148	0	0	0	0	0	4,995
Vegetation Management Compliance System (MC-CL-YD9978)	0	850	0	0	0	0	0	0	850
<u>Ongoing</u>									
Battery Storage Pilot (MC-CL-YR8484)	0	1	1,949	0	0	0	0	0	1,950
Broad Street Substation - Network (MC-CL-YN8203)	69,826	2,538	3,627	4,332	8,535	2,855	3,036	1,528	96,277
Communications Improvements (MC-CL-YD9009)	9,068	1,045	990	947	941	825	1,052	991	15,859
Denny Substation - Network (MC-CL-YN8404)	36,681	24,796	5,695	11,246	11,811	10,661	10,897	11,138	122,925
Distribution Area Communications Networks (MC-CL-YD9307)	18,296	2,741	2,622	2,908	2,687	1,938	1,976	2,016	35,184
Distribution Automation (MC-CL-YR8425)	7,673	2,291	2,987	2,840	2,909	1,500	3,142	3,018	26,360
Enterprise Software Solution Replacement Strategy (MC-CL-YD9969)	0	1,474	9,147	6,174	10,265	10,721	6,861	430	45,072

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## 2019 - 2024 Proposed Capital Improvement Program

First Hill - Network (MC-CL-YN8301)	13,077	1,141	2,626	2,653	1,970	4,889	4,902	5,007	36,265
Massachusetts Street Substation - Networks (MC-CL-YN8202)	34,711	3,444	4,223	3,382	2,926	4,500	4,763	4,843	62,792
Network Hazeltine Upgrade (MC-CL-YN8129)	5,387	576	552	781	743	745	746	758	10,288
Network Maintenance Hole and Vault Rebuild (MC-CL-YN8130)	33,726	2,999	3,825	2,965	3,457	2,525	2,411	2,457	54,365
Overhead 26kV Conversion (MC-CL-YR8358)	17,924	1,026	570	1,052	1,776	1,698	1,478	1,496	27,020
Overhead Customer Driven Capacity Additions (MC-CL-YR8355)	40,816	4,359	5,055	5,488	4,151	5,863	5,963	5,004	76,699
Overhead Equipment Replacements (MC-CL-YR8351)	110,941	12,555	11,997	12,533	17,574	16,813	26,136	20,925	229,474
Overhead System Capacity Additions (MC-CL-YR8356)	39,518	2,645	2,530	2,706	3,155	3,204	3,255	3,304	60,317
PCB Tracking and Condition Assessment Project (MC-CL-YR9974)	0	3,357	1,397	0	0	0	0	0	4,754
Pole Attachments (MC-CL-YR8452)	22,243	18,354	6,518	7,259	7,838	7,959	7,307	7,279	84,757
Relaying Improvements (MC-CL-YS7753)	36,324	4,665	5,690	4,357	4,444	4,940	5,240	5,314	70,974
Replace Breakers BPA Covington and Maple Valley Substations (MC-CL-YS7121)	546	11	11	11	11	11	12	12	625
Security Improvements (MC-CL-YD9202)	23,052	9,553	2,337	2,604	2,720	2,810	0	0	43,076
Special Work Equipment - Other Plant (MC-CL-YD9102)	9,052	1,259	1,102	1,126	1,138	1,150	1,163	1,074	17,064
Special Work Equipment - Tech Metering (MC-CL-YN8485)	0	102	100	200	100	100	202	0	804
Substation Automation (MC-CL-YS8424)	7,523	1,561	1,608	1,510	1,436	1,305	1,383	1,404	17,730
Substation Breaker Replacements and Reliability Additions (MC-CL-YS7779)	38,174	5,211	5,916	7,718	8,820	9,256	7,512	8,407	91,014
Substation Capacity Additions (MC-CL-YS7751)	10,115	2,115	2,174	2,427	2,197	2,143	2,921	2,310	26,402

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## 2019 - 2024 Proposed Capital Improvement Program



Substation Equipment Improvements (MC-CL-YS7752)	45,134	6,573	6,844	5,275	6,383	6,059	6,578	7,194	90,040
Substation Plant Improvements (MC-CL-YS7750)	5,809	2,146	2,050	1,933	1,275	1,446	1,351	1,495	17,505
Substation Transformer Replacements (MC-CL-YS7776)	8,599	4,733	4,917	4,540	4,938	5,025	2,089	3,049	37,890
Substations Demand Driven Improvements (MC-CL-YS7755)	525	5	5	5	6	6	6	6	564
Substations Oil Containment (MC-CL-YS7783)	23	341	327	334	221	578	390	399	2,613
Transmission & Generation Radio Systems (MC-CL-YD9108)	8,943	1,440	846	1,023	949	964	1,194	1,000	16,359
Transmission Capacity (MC-CL-YT7011)	5,209	26	23	24	24	25	41	14	5,386
Transmission Inter-Agency (MC-CL-YT7105)	2,525	668	593	620	615	582	621	609	6,833
Transmission Reliability (MC-CL-YT7104)	24,888	4,188	3,871	2,925	2,268	3,818	5,249	3,948	51,155
Underground 26kV Conversion (MC-CL-YR8362)	7,464	881	4,863	2,509	2,718	4,032	2,967	2,966	28,400
Underground Customer Driven Capacity Additions (MC-CL-YR8360)	38,634	2,995	2,981	5,331	4,552	6,814	3,946	4,058	69,311
Underground Equipment Replacements (MC-CL-YR8353)	51,817	10,472	15,386	17,584	23,788	31,861	46,223	48,324	245,455
Underground System Capacity Additions (MC-CL-YR8361)	40,015	2,953	2,913	2,783	4,900	4,123	4,043	4,140	65,870
Union Street Substation Networks (MC-CL-YN8201)	16,185	1,290	2,558	2,589	2,898	2,859	2,881	2,958	34,218
University of Washington Capacity Additions (MC-CL-YR8466)	0	0	0	2,000	10,500	12,000	12,000	10,000	46,500
University Substation - Network (MC-CL-YN8464)	3,813	438	391	474	489	498	500	508	7,111
Vista Switch Automation (MC-CL-YR8483)	0	401	390	390	390	391	391	392	2,745
<b>Transmission and Distribution</b>	<b>1,037,822</b>	<b>220,438</b>	<b>145,927</b>	<b>149,862</b>	<b>229,564</b>	<b>188,669</b>	<b>201,760</b>	<b>187,953</b>	<b>2,361,995</b>
<b>Department Total:</b>	<b>2,243,351</b>	<b>624,084</b>	<b>351,394</b>	<b>368,210</b>	<b>422,307</b>	<b>382,603</b>	<b>352,937</b>	<b>340,019</b>	<b>5,084,905</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

# Seattle City Light

## Fund Summary

Fund Name & Code	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
City Light Fund (41000)	2,243,351	624,084	351,394	368,210	422,307	382,603	352,937	340,019	5,084,905
<b>Department Total:</b>	2,243,351	624,084	351,394	368,210	422,307	382,603	352,937	340,019	5,084,905

*\*Amounts in thousands of dollars*

### 2019 - 2024 Proposed Capital Improvement Program

**Advanced Metering Infrastructure**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-ZS8426
<b>Start/End Date:</b>	2015-2019	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$100,383	<b>Urban Village:</b>	Not in an Urban Village

This project replaces approximately 450,000 existing meters with Smart Meters allowing two-way communication between Seattle City Light and its customers, residential or commercial. Smart Meters continuously record and transmit consumption data to the utility. They also automate meter reading, increase customer service, heighten billing capacity, reduce energy consumption, improve outage restoration efficiency, and support rate structure flexibility. Implementation of the project positions the utility to comply with North American Electric Reliability Corporation (NERC) and Federal Energy Regulatory Commission (FERC) programs and requirements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	30,467	64,160	5,756	0	0	0	0	0	100,383
<b>Total:</b>	30,467	64,160	5,756	0	0	0	0	0	100,383

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	30,467	64,160	5,756	0	0	0	0	0	100,383
<b>Total:</b>	30,467	64,160	5,756	0	0	0	0	0	100,383

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	30,467	64,960	5,756	0	0	0	0	0	101,183
<b>Total:</b>	30,467	64,960	5,756	0	0	0	0	0	101,183

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Alaskan Way Viaduct and Seawall Replacement - Utility Relocs**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-ZT8307
<b>Start/End Date:</b>	2002-2023	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	SR 99 / Battery St
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$257,167	<b>Urban Village:</b>	Not in an Urban Village

This project allows the City to comply with its requirements to relocate Seattle City Light's infrastructure associated with the replacement of the Alaskan Way Viaduct and improvements to the Seawall and Central waterfront.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	157,114	40,632	20,423	21,959	12,557	3,876	606	0	257,167
<b>Total:</b>	157,114	40,632	20,423	21,959	12,557	3,876	606	0	257,167

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	157,114	40,632	20,423	21,959	12,557	3,876	606	0	257,167
<b>Total:</b>	157,114	40,632	20,423	21,959	12,557	3,876	606	0	257,167

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	157,114	40,632	20,423	21,959	12,557	3,876	606	0	257,167
<b>Total:</b>	157,114	40,632	20,423	21,959	12,557	3,876	606	0	257,167

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary - Access Road Stability Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6615
<b>Start/End Date:</b>	2017-2024	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$10,960	<b>Urban Village:</b>	Outside Seattle City

This project provides construction of a substantial slope stabilization (design tbd, pending geotechnical report) in the area of the cut to limit maintenance inputs, insure continued access to the powerhouse and downstream areas, and improve safety (present debris flows occasionally contain larger sized rocks). The relocated portions of the West Access Road's slopes have continued to ravel since relocation occurred in the early 00's. This causes a maintenance issue for the crews as cleaning behind the existing containment line of ecology blocks at either road edge is difficult. There is also believed to be a risk that the slope could fail in a more conclusive fashion and block access to the downstream area and powerhouse. Additionally, the upslope interceptor ditch (a concrete channel) suffered undermining erosion causing the concrete to subside and not perform well at channelizing and conveying sheet flow away from the slope face.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

City Light Fund Revenues	831	548	0	0	0	0	558	9,023	10,960
<b>Total:</b>	831	548	0	0	0	0	558	9,023	10,960

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	831	548	0	0	0	0	558	9,023	10,960
<b>Total:</b>	831	548	0	0	0	0	558	9,023	10,960

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

City Light Fund	831	548	0	0	0	0	558	9,023	10,960
<b>Total:</b>	831	548	0	0	0	0	558	9,023	10,960

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary - DC Battery System & Charge Modernization**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6566
<b>Start/End Date:</b>	2017-2022	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$2,608	<b>Urban Village:</b>	Outside Seattle City

This project replaces the existing DC battery system at Boundary.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

City Light Fund Revenues	123	197	550	884	89	765	0	0	2,608
<b>Total:</b>	123	197	550	884	89	765	0	0	2,608

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	123	197	550	884	89	765	0	0	2,608
<b>Total:</b>	123	197	550	884	89	765	0	0	2,608

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

City Light Fund	123	197	550	884	89	765	0	0	2,608
<b>Total:</b>	123	197	550	884	89	765	0	0	2,608

			2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>			0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Boundary - Entrance Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6601
<b>Start/End Date:</b>	2017-2019	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$2,653	<b>Urban Village:</b>	Outside Seattle City

This project provides safety for employees at the security entrance to the Boundary Hydro Project, those working at the site, the security guard, and visitors. This project provides realignment of the access road to the security gate so the guard station is accessed between lanes of incoming and outgoing traffic instead of from the road shoulder. This increases the guards' view of approaching traffic and allows traffic more time to slow down when approaching the guard station. This project also provides a permanent building with water service, a restroom, and an electrical room as well as new signage.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	409	2,050	194	0	0	0	0	0	2,653
<b>Total:</b>	409	2,050	194	0	0	0	0	0	2,653

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	409	2,050	194	0	0	0	0	0	2,653
<b>Total:</b>	409	2,050	194	0	0	0	0	0	2,653

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	409	2,050	194	0	0	0	0	0	2,653
<b>Total:</b>	409	2,050	194	0	0	0	0	0	2,653

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary - Level 6 Deck Stabilization**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6604
<b>Start/End Date:</b>	2017-2019	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,521	<b>Urban Village:</b>	Not in an Urban Village

This project installs a new system of rock bolts and other forms of rock anchors to improve the structural stability of the Level 6 Deck on Boundary Dam. This portion of the dam is attached to and supported by the adjacent rock. A recent inspection revealed a weakness in the current attachments and use of the deck by heavy equipment is restricted until these improvements are made.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	1,500	21	0	0	0	0	0	1,521
<b>Total:</b>	0	1,500	21	0	0	0	0	0	1,521

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	1,500	21	0	0	0	0	0	1,521
<b>Total:</b>	0	1,500	21	0	0	0	0	0	1,521

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	1,500	21	0	0	0	0	0	1,521
<b>Total:</b>	0	1,500	21	0	0	0	0	0	1,521

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Boundary - Unit 56 Exciter Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6603
<b>Start/End Date:</b>	2017-2019	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,409	<b>Urban Village:</b>	Outside Seattle City

This project provides installation of a new electrical exciter on the Boundary Powerhouse Unit 56 Generator. The unit's schedule for a rewind started in 2014, increasing the capacity of the unit. The project also provides an upgraded exciter needed to reliably realize the additional capacity over the new life of the unit.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	1,336	32	41	0	0	0	0	0	1,409
<b>Total:</b>	1,336	32	41	0	0	0	0	0	1,409

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,336	32	41	0	0	0	0	0	1,409
<b>Total:</b>	1,336	32	41	0	0	0	0	0	1,409

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	1,336	32	41	0	0	0	0	0	1,409
<b>Total:</b>	1,336	32	41	0	0	0	0	0	1,409

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary Control Room Alarm system replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6637
<b>Start/End Date:</b>	2017-2021	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$887	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the system of alarms and annunciator panels in the Boundary Control room with a modern system that integrates with the current automation system. The current system of alarms and annunciator panels is not functioning properly, and is outdated. Alarms will be routed to PH Operator terminals where information will be displayed as to the nature of the alarm. Due to the large number of circuits that will need to be replaced, it is assumed that this project will be implemented in phases over four years, starting in 2018.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	205	215	229	238	0	0	0	887
<b>Total:</b>	0	205	215	229	238	0	0	0	887

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	205	215	229	238	0	0	0	887
<b>Total:</b>	0	205	215	229	238	0	0	0	887

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	205	215	229	238	0	0	0	887
<b>Total:</b>	0	205	215	229	238	0	0	0	887

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary Crane Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6620
<b>Start/End Date:</b>	2017-2019	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$5,396	<b>Urban Village:</b>	Not in an Urban Village

This project rehabilitates and modernizes control systems and other components on two bridge cranes at the Boundary Powerhouse. The controls have exceeded their useful life and other systems, such as fall protection, are not up to current safety codes. A comprehensive crane assessment may identify additional systems requiring replacement, rehabilitation, or repair. These cranes are critical to the operation and maintenance of the six hydroelectric generators at Boundary and are directly linked to generator availability. This work supports upcoming rewind projects on Boundary Units 51, 52 and 54.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	281	5,074	41	0	0	0	0	0	5,396
<b>Total:</b>	281	5,074	41	0	0	0	0	0	5,396

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	281	5,074	41	0	0	0	0	0	5,396
<b>Total:</b>	281	5,074	41	0	0	0	0	0	5,396

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	281	5,074	41	0	0	0	0	0	5,396
<b>Total:</b>	281	5,074	41	0	0	0	0	0	5,396

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary Dam - Instrumentation Upgrade and Integration**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6343
<b>Start/End Date:</b>	2006-2019	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$13,882	<b>Urban Village:</b>	Not in an Urban Village

This project provides a purchase and installation contract with an electrical contractor or supplier to upgrade or replace Unit 51-56 unit control boards, to enhance and permit a full interface with a new network-based control system. Full interface is required for long-term goal of complete plant automation.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	13,192	383	307	0	0	0	0	0	13,882
<b>Total:</b>	13,192	383	307	0	0	0	0	0	13,882

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	13,192	383	307	0	0	0	0	0	13,882
<b>Total:</b>	13,192	383	307	0	0	0	0	0	13,882

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	13,192	383	307	0	0	0	0	0	13,882
<b>Total:</b>	13,192	383	307	0	0	0	0	0	13,882

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary DC Panel Upgrade**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6628
<b>Start/End Date:</b>	2017-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$929	<b>Urban Village:</b>	Not in an Urban Village

This project replaces and upgrades DC panels at Boundary. The panel capacity has been maxed out from the addition of many control circuits over the past several years, resulting in multiple circuits being connected to the same breaker. The work will include a load study, design of new main and sub panels, and construction. These panels provide back-up service to critical equipment via batteries in the event of a power failure in the powerhouse.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	513	206	210	0	0	0	0	929
<b>Total:</b>	0	513	206	210	0	0	0	0	929

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	513	206	210	0	0	0	0	929
<b>Total:</b>	0	513	206	210	0	0	0	0	929

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	513	206	210	0	0	0	0	929
<b>Total:</b>	0	513	206	210	0	0	0	0	929

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary Fiber Ring Upgrade**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6635
<b>Start/End Date:</b>	2020-2021	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$778	<b>Urban Village:</b>	Not in an Urban Village

This project installs additional fiber between Boundary powerhouse and the service area. This is necessary to continue to modernize our powerhouse controls, machine monitoring, cyber security systems and work environment.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	216	562	0	0	0	778
<b>Total:</b>	0	0	0	216	562	0	0	0	778

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	216	562	0	0	0	778
<b>Total:</b>	0	0	0	216	562	0	0	0	778

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	216	562	0	0	0	778
<b>Total:</b>	0	0	0	216	562	0	0	0	778

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary Governor Rehabilitation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6641
<b>Start/End Date:</b>	2022-2023	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$9,022	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the control systems on all six Boundary generating units. A recent condition assessment of the Boundary generating units found a number of problems with the governor controls including: poor transfer between primary and backup operation, reset problems and controller lock-up.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	4,511	4,511	0	9,022
<b>Total:</b>	0	0	0	0	0	4,511	4,511	0	9,022

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	4,511	4,511	0	9,022
<b>Total:</b>	0	0	0	0	0	4,511	4,511	0	9,022

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	4,511	4,511	0	9,022
<b>Total:</b>	0	0	0	0	0	4,511	4,511	0	9,022

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary Powerhouse - Transformer Bank Rockfall Mitigation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6485
<b>Start/End Date:</b>	2008-2018	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$502	<b>Urban Village:</b>	Not in an Urban Village

This project constructs an intermediate switchyard at Boundary, installs new cables routed through tunnels to the surface from the Boundary Dam transformers to the switchyard, and constructs a transmission line from the switchyard to the BPA Switching Station. This project mitigates the likelihood of rock fall damage to a transformer, the bonnet over the transformer, transformer equipment, conductors, or outriggers. It reduces the likelihood of damage from such an incident which could be catastrophic and result in extended outages, personal injury, and death.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	502	0	0	0	0	0	0	0	502
<b>Total:</b>	502	0	0	0	0	0	0	0	502

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	502	0	0	0	0	0	0	0	502
<b>Total:</b>	502	0	0	0	0	0	0	0	502

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	502	0	0	0	0	0	0	0	502
<b>Total:</b>	502	0	0	0	0	0	0	0	502

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Boundary Powerhouse - Unit 51 Generator Rebuild**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6351
<b>Start/End Date:</b>	2017-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Design	<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$20,463	<b>Urban Village:</b>	Not in an Urban Village

This project provides the rewinding and refurbishing of the Unit 51 generator to extend its useful life, which is part of a programmatic series of projects to maintain the Utility's aging generators. It also replaces the carbon dioxide fire-suppression system with a water sprinkler system to enhance worker safety. If technology is sufficiently advanced, it may also include a rotor-mounted scanner or other diagnostic equipment.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	1,232	13,991	3,351	1,889	0	0	0	0	20,463
<b>Total:</b>	1,232	13,991	3,351	1,889	0	0	0	0	20,463

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,232	13,991	3,351	1,889	0	0	0	0	20,463
<b>Total:</b>	1,232	13,991	3,351	1,889	0	0	0	0	20,463

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	1,232	13,991	3,351	1,889	0	0	0	0	20,463
<b>Total:</b>	1,232	13,991	3,351	1,889	0	0	0	0	20,463

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary Powerhouse - Unit 52 Generator Rebuild**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6535
<b>Start/End Date:</b>	2019-2022	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$20,234	<b>Urban Village:</b>	Outside Seattle City

This project provides the rebuilding of Generator Unit 52 at the Boundary Powerhouse, as the current unit has reached the end of its normal service life. The rewind and rehabilitation of the generator includes the stator core, stator bars, rotor poles, etc. Mechanical upgrades such as seal rings and wicket gates may also be installed.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	594	12,371	5,481	1,788	0	0	20,234
<b>Total:</b>	0	0	594	12,371	5,481	1,788	0	0	20,234

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	594	12,371	5,481	1,788	0	0	20,234
<b>Total:</b>	0	0	594	12,371	5,481	1,788	0	0	20,234

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	594	12,371	5,481	1,788	0	0	20,234
<b>Total:</b>	0	0	594	12,371	5,481	1,788	0	0	20,234

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary Powerhouse - Unit 54 Generator Rebuild**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6353
<b>Start/End Date:</b>	2018-2021	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Design	<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$23,828	<b>Urban Village:</b>	Not in an Urban Village

This project provides rewinding and refurbishing of the Boundary Powerhouse Unit 54 generator, which is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators. This project also provides replacement of the carbon dioxide fire-suppression system with a water sprinkler system to improve worker safety. If technology is sufficiently advanced, it may also include a rotor-mounted scanner or other diagnostic equipment.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	3,036	11,036	7,771	1,985	0	0	0	23,828
<b>Total:</b>	0	3,036	11,036	7,771	1,985	0	0	0	23,828

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	3,036	11,036	7,771	1,985	0	0	0	23,828
<b>Total:</b>	0	3,036	11,036	7,771	1,985	0	0	0	23,828

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	3,036	11,036	7,771	1,985	0	0	0	23,828
<b>Total:</b>	0	3,036	11,036	7,771	1,985	0	0	0	23,828

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary Powerhouse Exhaust system**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6634
<b>Start/End Date:</b>	2022-2023	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$935	<b>Urban Village:</b>	Not in an Urban Village

This project replaces and improves the existing Boundary powerhouse exhaust system. Boundary powerhouse is located in a rocky cavern and relies on a mechanical exhaust system to maintain air quality in the various levels of the powerhouse.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	340	595	0	935
<b>Total:</b>	0	0	0	0	0	340	595	0	935

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	340	595	0	935
<b>Total:</b>	0	0	0	0	0	340	595	0	935

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	340	595	0	935
<b>Total:</b>	0	0	0	0	0	340	595	0	935

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Boundary Powerhouse Generator Step-up Transformer Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6493
<b>Start/End Date:</b>	2010-2023	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$45,536	<b>Urban Village:</b>	Not in an Urban Village

This project replaces existing step-up transformers at Boundary Dam, which are 50 years old and have exceeded their reliable service life. This project also includes a spare transformer as normal delivery time for transformers from order to on-site is 18 to 24 months. This project enhances long term reliability and allows for City Light to avoid a prolonged loss of generation capacity.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	11,568	10,063	7,674	7,572	7,743	804	112	0	45,536
<b>Total:</b>	11,568	10,063	7,674	7,572	7,743	804	112	0	45,536

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	11,568	10,063	7,674	7,572	7,743	804	112	0	45,536
<b>Total:</b>	11,568	10,063	7,674	7,572	7,743	804	112	0	45,536

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	11,568	10,063	7,674	7,572	7,743	804	112	0	45,536
<b>Total:</b>	11,568	10,063	7,674	7,572	7,743	804	112	0	45,536

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Boundary Service Area Paving**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6632
<b>Start/End Date:</b>	2023-2024	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,502	<b>Urban Village:</b>	Not in an Urban Village

This project provides paving of the Boundary service area roadways and parking areas.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	0	348	1,154	1,502
<b>Total:</b>	0	0	0	0	0	0	348	1,154	1,502

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	0	348	1,154	1,502
<b>Total:</b>	0	0	0	0	0	0	348	1,154	1,502

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	0	348	1,154	1,502
<b>Total:</b>	0	0	0	0	0	0	348	1,154	1,502

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Boundary Sluice Gate Automation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6638
<b>Start/End Date:</b>	2022-2022	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,451	<b>Urban Village:</b>	Not in an Urban Village

This project upgrades the controls for Boundary sluice gates to allow for remote operation. Boundary's sluice gates are being used more under our new license because they help meet Total Dissolved Gas requirements in the tailrace. This has created a need for modern controls that include remote operation capability.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	1,451	0	0	1,451
<b>Total:</b>	0	0	0	0	0	1,451	0	0	1,451

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	1,451	0	0	1,451
<b>Total:</b>	0	0	0	0	0	1,451	0	0	1,451

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	1,451	0	0	1,451
<b>Total:</b>	0	0	0	0	0	1,451	0	0	1,451

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Boundary Sluice Gate Walkway Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6631
<b>Start/End Date:</b>	2021-2021	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$566	<b>Urban Village:</b>	Not in an Urban Village

This project replaces and improves concrete walkways over the sluiceways in order to improve safety for the crews performing maintenance activities on the gates.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	566	0	0	0	566
<b>Total:</b>	0	0	0	0	566	0	0	0	566

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	566	0	0	0	566
<b>Total:</b>	0	0	0	0	566	0	0	0	566

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	566	0	0	0	566
<b>Total:</b>	0	0	0	0	566	0	0	0	566

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Boundary Station Service Transformer Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6627
<b>Start/End Date:</b>	2019-2022	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$8,350	<b>Urban Village:</b>	Not in an Urban Village

This project replaces two aging station service transformers at Boundary. It is assumed that they will be specified and procured together, but installed in two sequential years. Station service transformers provide power to the powerhouse, dam and service area. It is likely that the rating of the transformers will need to be increased to accomodate load increases associated with the addition of new circuits in the powerhouse for automation, controls and machine monitoring.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	210	3,822	4,004	314	0	0	8,350
<b>Total:</b>	0	0	210	3,822	4,004	314	0	0	8,350

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	210	3,822	4,004	314	0	0	8,350
<b>Total:</b>	0	0	210	3,822	4,004	314	0	0	8,350

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	210	3,822	4,004	314	0	0	8,350
<b>Total:</b>	0	0	210	3,822	4,004	314	0	0	8,350

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary Sump Pump Drive Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6633
<b>Start/End Date:</b>	2019-2023	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,123	<b>Urban Village:</b>	Not in an Urban Village

This project replaces and modernizes drive systems for sump pump at Boundary powerhouse. Portions of Boundary powerhouse are below the level of the tailrace and we rely on a series of sump pumps to keep the powerhouse dry. We have recently completed a project to replace the sump pumps, but now need to replace and modernize the drive systems for each pump. One drive system will be replaced per year, starting in 2019, and the final one will be in service in 2023.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	207	220	223	232	241	0	1,123
<b>Total:</b>	0	0	207	220	223	232	241	0	1,123

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	207	220	223	232	241	0	1,123
<b>Total:</b>	0	0	207	220	223	232	241	0	1,123

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	207	220	223	232	241	0	1,123
<b>Total:</b>	0	0	207	220	223	232	241	0	1,123

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Boundary Tailrace Boat Ramp improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6630
<b>Start/End Date:</b>	2019-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$573	<b>Urban Village:</b>	Not in an Urban Village

This project replaces and improves the existing boat ramp that provides access to the tailrace for fishery boats, oil spill response equipment and personnel rescue equipment. The exiting ramp is rough and is difficult and time consuming to navigate using a truck and boat trailer.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	130	443	0	0	0	0	573
<b>Total:</b>	0	0	130	443	0	0	0	0	573

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	130	443	0	0	0	0	573
<b>Total:</b>	0	0	130	443	0	0	0	0	573

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	130	443	0	0	0	0	573
<b>Total:</b>	0	0	130	443	0	0	0	0	573

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Boundary Tailrace East Access Road Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6629
<b>Start/End Date:</b>	2022-2022	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$571	<b>Urban Village:</b>	Not in an Urban Village

This project replaces and improves the road used to access the east side of the Boundary tailrace. This road is needed for emergency rescue situations and other river access.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	571	0	0	571
<b>Total:</b>	0	0	0	0	0	571	0	0	571

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	571	0	0	571
<b>Total:</b>	0	0	0	0	0	571	0	0	571

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	571	0	0	571
<b>Total:</b>	0	0	0	0	0	571	0	0	571

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary U55/56 Fire Suppression**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6636
<b>Start/End Date:</b>	2020-2022	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,840	<b>Urban Village:</b>	Not in an Urban Village

This project installs hybrid fire suppression system in Boundary units 53, 55, and 56. City Light Generation has recently determined that we will install hybrid-type fire suppression systems on our hydro generators. The system is currently being installed at Diablo powerhouse and is planned under separate projects for Boundary Units 51,52, and 54 when they undergo rewinds. Boundary Units 53,55 and 56 have already been rewound, but did not have fire suppression installed. The timing of the installations is assumed to be one unit per year beginning in 2020.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	645	579	616	0	0	1,840
<b>Total:</b>	0	0	0	645	579	616	0	0	1,840

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	645	579	616	0	0	1,840
<b>Total:</b>	0	0	0	645	579	616	0	0	1,840

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	645	579	616	0	0	1,840
<b>Total:</b>	0	0	0	645	579	616	0	0	1,840

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Cedar Falls - Bank 6 Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XC6573
<b>Start/End Date:</b>	2018-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Cedar Falls
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$3,279	<b>Urban Village:</b>	Outside Seattle City

This project replaces the 60 yr old Bank 6 power step up transformer at Cedar Falls. Bank 6 provides the connection between our Cedar Falls Generating Units 5 and 6 and the transmission system. The transformer is approaching the end of its useful life and the goal of this project is to replace it during a planned outage before it fails.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	354	2,106	819	0	0	0	0	3,279
<b>Total:</b>	0	354	2,106	819	0	0	0	0	3,279

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	354	2,106	819	0	0	0	0	3,279
<b>Total:</b>	0	354	2,106	819	0	0	0	0	3,279

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	354	2,106	819	0	0	0	0	3,279
<b>Total:</b>	0	354	2,106	819	0	0	0	0	3,279

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Cedar Falls - New Generator 5/6 Exciters**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XC6531
<b>Start/End Date:</b>	2017-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Cedar Falls
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,891	<b>Urban Village:</b>	Outside Seattle City

This project replaces the aging generator excitation systems for Generators 5 & 6 at Cedar Falls, to standardize systems with Basler products, in order to meet current WECC standards.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	66	1,089	440	296	0	0	0	0	1,891
<b>Total:</b>	66	1,089	440	296	0	0	0	0	1,891

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	66	1,089	440	296	0	0	0	0	1,891
<b>Total:</b>	66	1,089	440	296	0	0	0	0	1,891

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	66	1,089	440	296	0	0	0	0	1,891
<b>Total:</b>	66	1,089	440	296	0	0	0	0	1,891

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Cedar Falls Powerhouse - Penstock Stabilization**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XC6358
<b>Start/End Date:</b>	2007-2021	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	19901 Cedar Falls Rd SE, North Bend, WA 98045
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$3,129	<b>Urban Village:</b>	Not in an Urban Village

This project installs a seismic upgrade of penstock bridges, repairs sagging or broken penstock support saddles, and refurbishes the exterior surfaces to extend the life of two 78-inch diameter steel penstocks. It also reduces risks of damage from earthquakes and restores the exterior coating on the pipes in the areas where the penstocks are buried. Any penstock failure will likely damage the environment and Seattle's water supply, and could jeopardize the City's ability to fulfill its obligation to regulate fish flows in the Cedar River.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	2,084	0	373	494	178	0	0	0	3,129
<b>Total:</b>	2,084	0	373	494	178	0	0	0	3,129

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,084	0	373	494	178	0	0	0	3,129
<b>Total:</b>	2,084	0	373	494	178	0	0	0	3,129

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	2,084	0	373	494	178	0	0	0	3,129
<b>Total:</b>	2,084	0	373	494	178	0	0	0	3,129

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XC6450
<b>Start/End Date:</b>	2007-2021	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	19901 Cedar Falls Rd SE, North Bend, WA 98045
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,810	<b>Urban Village:</b>	Not in an Urban Village

This project upgrades the present generator protection for Units 5 and 6, which lacks some basic protection elements to protect it from abnormal frequency and voltages. This project replaces existing protective relays, upgrades the generator protection packages, and replaces the electrical and mechanical lockout relays. The project permits City Light to comply with the North American Electric Reliability Council (NERC) and the Western Electricity Coordinating Council (WECC) regional requirements for maintaining the generator in-service during system disturbances.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	1,032	0	0	439	309	30	0	0	1,810
<b>Total:</b>	1,032	0	0	439	309	30	0	0	1,810

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,032	0	0	439	309	30	0	0	1,810
<b>Total:</b>	1,032	0	0	439	309	30	0	0	1,810

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	1,032	0	0	439	309	30	0	0	1,810
<b>Total:</b>	1,032	0	0	439	309	30	0	0	1,810

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**Cedar Falls Powerhouse - Valvehouse Rehabilitation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XC6324
<b>Start/End Date:</b>	2020-2021	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	19901 Cedar Falls Rd SE, North Bend, WA 98045
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$3,602	<b>Urban Village:</b>	Not in an Urban Village

This project provides rehabilitation to the Cedar Falls Valvehouse. The extent of the rehabilitation is yet to be determined, but could include exterior structural improvements, replacement of windows, oil spill prevention, and interior remodeling.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	502	3,100	0	0	0	3,602
<b>Total:</b>	0	0	0	502	3,100	0	0	0	3,602

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	502	3,100	0	0	0	3,602
<b>Total:</b>	0	0	0	502	3,100	0	0	0	3,602

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	502	3,100	0	0	0	3,602
<b>Total:</b>	0	0	0	502	3,100	0	0	0	3,602

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2019 - 2024 Proposed Capital Improvement Program**

**Cedar Falls Rehabilitation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XC6625
<b>Start/End Date:</b>	2017-2022	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Cedar Falls
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,773	<b>Urban Village:</b>	Not in an Urban Village

This project funds the rehabilitation of the Cedar Falls Hydroelectric Project, which includes completion of the Cedar Falls project analysis, equipment inspections, penstock analysis, building analysis which will uncover items City Lights as a dam owner must address. These items will ensure public safety, employee safety, and environmental stewardship.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	156	319	493	262	268	275	0	0	1,773
<b>Total:</b>	156	319	493	262	268	275	0	0	1,773

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	156	319	493	262	268	275	0	0	1,773
<b>Total:</b>	156	319	493	262	268	275	0	0	1,773

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	156	319	493	262	268	275	0	0	1,773
<b>Total:</b>	156	319	493	262	268	275	0	0	1,773

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Center City Connector Streetcar City Light**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-ZT8470
<b>Start/End Date:</b>	2015-2019	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
<b>Current Project Stage:</b>	Procurement/Bid	<b>Location:</b>	City Wide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$10,013	<b>Urban Village:</b>	Multiple

This project provides power relocations & service for the proposed SDOT Center City Connector Streetcar project. City Light has buried primary distribution power cables, some of which are encased in old clay tile ducts, which do not meet current standards, and are unlikely to be able to withstand the forces generated by the streetcar's operation. Any streetcar alignment to be built across such old facilities would likely need a reinforced roadbed for SCL facilities to withstand the additional weight.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	393	6,162	2,370	1,064	24	0	0	0	10,013
<b>Total:</b>	393	6,162	2,370	1,064	24	0	0	0	10,013

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	393	6,162	2,370	1,064	24	0	0	0	10,013
<b>Total:</b>	393	6,162	2,370	1,064	24	0	0	0	10,013

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	393	6,162	2,370	1,064	24	0	0	0	10,013
<b>Total:</b>	393	6,162	2,370	1,064	24	0	0	0	10,013

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Creston-Nelson to Intergate East Feeder Installation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-ZO8430
<b>Start/End Date:</b>	2009-2021	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Tukwila
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$9,258	<b>Urban Village:</b>	Not in an Urban Village

This project installs a new feeder to supply the Sabey Corporation's Intergate East Internet Center in Tukwila from the Creston-Nelson Substation. The project includes design, permit preparation, and evaluates customer load requirements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	7,180	435	1,178	321	144	0	0	0	9,258
<b>Total:</b>	7,180	435	1,178	321	144	0	0	0	9,258

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	7,180	435	1,178	321	144	0	0	0	9,258
<b>Total:</b>	7,180	435	1,178	321	144	0	0	0	9,258

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	7,180	435	1,178	321	144	0	0	0	9,258
<b>Total:</b>	7,180	435	1,178	321	144	0	0	0	9,258

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Dallas Ave. 26 kV Crossing**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YR8322
<b>Start/End Date:</b>	2005-2024	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>		<b>Location:</b>	Dallas Ave S/14th Ave S
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$1,869	<b>Urban Village:</b>	South Park

This project reinstalls two 26kV feeders across the Duwamish River. This crossing backs up the Cambridge Corridor Crossing, providing redundant power supply to the area along East Marginal Way South. The area has many large industrial accounts, including Jorgenson Steel, Kenworth Trucking, and a number of Boeing plants.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	494	170	47	48	74	51	957	28	1,869
<b>Total:</b>	494	170	47	48	74	51	957	28	1,869

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	494	170	47	48	74	51	957	28	1,869
<b>Total:</b>	494	170	47	48	74	51	957	28	1,869

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	494	170	47	48	74	51	957	28	1,869
<b>Total:</b>	494	170	47	48	74	51	957	28	1,869

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Data Warehouse Implementation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-WF9975
<b>Start/End Date:</b>	2017-2023	<b>BSL/Program Code:</b>	BC-CL-W
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Financial Services
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$2,455	<b>Urban Village:</b>	Not in an Urban Village

This project funds the development of data marts to be added to a Data Warehouse. The data marts include a new data mart for City Light for the PeopleSoft Reimplementation, Automated Metering Infrastructure, Mobile Workforce Management, Customer Energy Solutions, and upgrades to systems such as City Light's Work and Asset Management System and the Outage Management System to be implemented during this timeframe and which do not yet have existing data marts. The data marts enable City Light to build reports from any front end business intelligence tool such as Cognos, Oracle OBIEE and OUA, Tableau, or Power BI.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	1,723	146	146	146	147	147	0	2,455
<b>Total:</b>	0	1,723	146	146	146	147	147	0	2,455

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	1,723	146	146	146	147	147	0	2,455
<b>Total:</b>	0	1,723	146	146	146	147	147	0	2,455

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	1,723	146	146	146	147	147	0	2,455
<b>Total:</b>	0	1,723	146	146	146	147	147	0	2,455

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Denny Substation Development**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YS7757
<b>Start/End Date:</b>	2007-2019	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	\$206,797	<b>Urban Village:</b>	Not in an Urban Village

This project designs and builds a 200 MVA substation on Denny Ave. The project funds site acquisition, environmental management and remediation of land, design of the substation, and construction of the substation. It provides capacity to meet load growth, provides the operational flexibility to operate the electrical system to serve new development and existing load, and supports development of an underground network.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	171,595	35,202	0	0	0	0	0	0	206,797
<b>Total:</b>	171,595	35,202	0	0	0	0	0	0	206,797

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	171,595	35,202	0	0	0	0	0	0	206,797
<b>Total:</b>	171,595	35,202	0	0	0	0	0	0	206,797

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	171,595	35,202	0	0	0	0	0	0	206,797
<b>Total:</b>	171,595	35,202	0	0	0	0	0	0	206,797

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Denny Substation Transmission Lines**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YT7125
<b>Start/End Date:</b>	2008-2021	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	\$70,140	<b>Urban Village:</b>	Not in an Urban Village

This project designs and constructs transmission lines to support the new Denny Substation. These transmission lines are created by dividing the existing Pine to Broad Street transmission line into two transmission lines. The remaining new lines will come from the Canal and Massachusetts substations. This project also provides for undergrounding the transmission lines.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	11,469	6,355	2,850	6,594	42,872	0	0	0	70,140
<b>Total:</b>	11,469	6,355	2,850	6,594	42,872	0	0	0	70,140

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	11,469	6,355	2,850	6,594	42,872	0	0	0	70,140
<b>Total:</b>	11,469	6,355	2,850	6,594	42,872	0	0	0	70,140

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	11,469	6,355	2,850	6,594	42,872	0	0	0	70,140
<b>Total:</b>	11,469	6,355	2,850	6,594	42,872	0	0	0	70,140

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Diablo - Load Interrupters Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6532
<b>Start/End Date:</b>	2015-2019	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Milepost 126 Stte Highway 20
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$5,978	<b>Urban Village:</b>	Outside Seattle City

This project replaces load interrupters at Diablo Banks Generators No. 31 and 32. The existing 230kV load interrupters have reached the end of their useful life and need to be replaced. This project will replace the load interrupters with SF6 Gas Insulated Switchgear.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	1,692	3,701	579	6	0	0	0	0	5,978
<b>Total:</b>	1,692	3,701	579	6	0	0	0	0	5,978

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,692	3,701	579	6	0	0	0	0	5,978
<b>Total:</b>	1,692	3,701	579	6	0	0	0	0	5,978

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	1,692	3,701	579	6	0	0	0	0	5,978
<b>Total:</b>	1,692	3,701	579	6	0	0	0	0	5,978

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Diablo - Replace Bank Transformers**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6589
<b>Start/End Date:</b>	2020-2022	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Milepost 126 Stte Highway 20
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$8,284	<b>Urban Village:</b>	Outside Seattle City

This project replaces the Diablo power step up transformers in 2021 when they reach the end of their useful life.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

City Light Fund Revenues	0	0	0	106	882	7,296	0	0	8,284
<b>Total:</b>	0	0	0	106	882	7,296	0	0	8,284

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	0	0	0	106	882	7,296	0	0	8,284
<b>Total:</b>	0	0	0	106	882	7,296	0	0	8,284

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

City Light Fund	0	0	0	106	882	7,296	0	0	8,284
<b>Total:</b>	0	0	0	106	882	7,296	0	0	8,284

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Diablo Facility - Incline Lift Rehabilitation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6457
<b>Start/End Date:</b>	2020-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Milepost 126 Stte Highway 20
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$31	<b>Urban Village:</b>	Outside Seattle City

This project provides restoration of the backup access route to the Ross Powerhouse and Ross Dam. The Diablo Incline Lift, which had provided backup access, has become unusable due to deterioration of its components. The backup access is essential as there is only one road to get to the Ross Project. If the road becomes impassable, all means of access are cut off, which prevents emergency transportation or delivery of spare parts.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	31	0	0	0	0	31
<b>Total:</b>	0	0	0	31	0	0	0	0	31

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	31	0	0	0	0	31
<b>Total:</b>	0	0	0	31	0	0	0	0	31

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	31	0	0	0	0	31
<b>Total:</b>	0	0	0	31	0	0	0	0	31

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Diablo Facility - Lines Protection Upgrades**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6483
<b>Start/End Date:</b>	2011-2021	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Milepost 126 State Highway 20
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$7,212	<b>Urban Village:</b>	Not in an Urban Village

This project provides updated line protection schemes on the Diablo Facility D1, D2, & D3 Lines, utilizing electro-mechanical relays. The project also replaces existing relays, which are approaching the reasonable service life and lack essential fault location capability. The project replacements include microprocessor based digital relays, fault location and event reporting, lockout and test switching capabilities, and communication assisted transfer trip utilizing the mirrored bits function of the digital relays.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	5,771	40	710	688	3	0	0	0	7,212
<b>Total:</b>	5,771	40	710	688	3	0	0	0	7,212

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,771	40	710	688	3	0	0	0	7,212
<b>Total:</b>	5,771	40	710	688	3	0	0	0	7,212

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	5,771	40	710	688	3	0	0	0	7,212
<b>Total:</b>	5,771	40	710	688	3	0	0	0	7,212

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Diablo Powerhouse - Rebuild Generator Unit 31**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6422
<b>Start/End Date:</b>	2012-2019	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Milepost 126 State Highway 20
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$24,757	<b>Urban Village:</b>	Not in an Urban Village

This project rebuilds Generator 31 at Diablo Powerhouse, which provides 4.4 percent of the total power Seattle City Light generates. This project is part of the Utility's Generator Rebuild Program, a series of projects to maintain and extend the useful life of the Utility's aging generators. The program rebuilds ten generators, accounting for 70 percent of City Light's generating capability.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	18,335	6,399	23	0	0	0	0	0	24,757
<b>Total:</b>	18,335	6,399	23	0	0	0	0	0	24,757

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	18,335	6,399	23	0	0	0	0	0	24,757
<b>Total:</b>	18,335	6,399	23	0	0	0	0	0	24,757

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	18,335	6,399	23	0	0	0	0	0	24,757
<b>Total:</b>	18,335	6,399	23	0	0	0	0	0	24,757

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Diablo Powerhouse - Rebuild Generator Unit 32**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6423
<b>Start/End Date:</b>	2015-2019	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Milepost 126 State Highway 20
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$22,237	<b>Urban Village:</b>	Not in an Urban Village

This project rebuilds Generator 32 at Diablo Powerhouse, which provides 4.4 percent of the total power Seattle City Light generates. This project is part of the Utility's Generator Rebuild Program, a series of projects to maintain and extend the useful life of the Utility's aging generators. The program rebuilds ten generators, accounting for 70 percent of City Light's generating capability.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	5,217	14,715	2,305	0	0	0	0	0	22,237
<b>Total:</b>	5,217	14,715	2,305	0	0	0	0	0	22,237

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,217	14,715	2,305	0	0	0	0	0	22,237
<b>Total:</b>	5,217	14,715	2,305	0	0	0	0	0	22,237

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	5,217	14,715	2,305	0	0	0	0	0	22,237
<b>Total:</b>	5,217	14,715	2,305	0	0	0	0	0	22,237

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Distribution Management System**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YD9966
<b>Start/End Date:</b>	2019-2021	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	City Wide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	\$9,131	<b>Urban Village:</b>	Multiple

This project provides installation of the Distribution Management System (DMS) beginning in 2019. This comprehensive software application enables Power Dispatchers to operate automated distribution devices more effectively by interfacing with the Utility's Energy Management System (EMS), Outage Management System (OMS), Customer Information System, and the Geospatial Information System. The DMS will improve planning, coordination, and operations by enabling dispatchers to improve their switching operations for planned shutdowns. It will also make it easier to prepare planned outages and reduce the area needed for an outage.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	944	2,680	5,507	0	0	0	9,131
<b>Total:</b>	0	0	944	2,680	5,507	0	0	0	9,131

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	944	2,680	5,507	0	0	0	9,131
<b>Total:</b>	0	0	944	2,680	5,507	0	0	0	9,131

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	944	2,680	5,507	0	0	0	9,131
<b>Total:</b>	0	0	944	2,680	5,507	0	0	0	9,131

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Enterprise Document Management System**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-WF9962
<b>Start/End Date:</b>	2015-2026	<b>BSL/Program Code:</b>	BC-CL-W
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Financial Services
<b>Current Project Stage:</b>	Execution	<b>Location:</b>	City Wide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	\$11,736	<b>Urban Village:</b>	Multiple

This project plans, builds, deploys, and provides ongoing management of an enterprise document management system that effectively and efficiently captures, secures, shares, and distributes digital and paper based documents and reports. The project streamlines collaboration, automates routine tasks, and lowers costs related to creation, management, and storage of business documents. The project provides the governance and audit capabilities needed to minimize the risks and costs associated with regulatory and legal compliance.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	5,559	832	980	1,023	923	673	873	873	11,736
<b>Total:</b>	5,559	832	980	1,023	923	673	873	873	11,736

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,559	832	980	1,023	923	673	873	873	11,736
<b>Total:</b>	5,559	832	980	1,023	923	673	873	873	11,736

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	5,559	832	980	1,023	923	673	873	873	11,736
<b>Total:</b>	5,559	832	980	1,023	923	673	873	873	11,736

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Enterprise Geographic Information System**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YD9957
<b>Start/End Date:</b>	2015-2022	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	\$8,730	<b>Urban Village:</b>	Not in an Urban Village

This project investigates, evaluates, and makes a recommendation to develop a unified GIS system that meets all of the needs of the Utility, replacing the two separate and incompatible Geographic Information Systems (GIS) that City Light currently maintains, and allowing integration with future software systems (such as Mobile Workforce).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	5	6,334	94	64	1,111	1,122	0	0	8,730
<b>Total:</b>	5	6,334	94	64	1,111	1,122	0	0	8,730

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5	6,334	94	64	1,111	1,122	0	0	8,730
<b>Total:</b>	5	6,334	94	64	1,111	1,122	0	0	8,730

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	5	6,334	94	64	1,111	1,122	0	0	8,730
<b>Total:</b>	5	6,334	94	64	1,111	1,122	0	0	8,730

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**First Hill - Network Load Transfer**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YN8407
<b>Start/End Date:</b>	2019-2023	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	1100 Madison St.
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$32,709	<b>Urban Village:</b>	First Hill/Capitol Hill

This project provides the transfer of the First Hill Network to the Denny Substation. Work includes installation of transmission lines, reconfiguration of the network, transfer of the power source, and support to customers during the process.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	896	903	7,595	7,773	7,687	7,855	32,709
<b>Total:</b>	0	0	896	903	7,595	7,773	7,687	7,855	32,709

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	896	903	7,595	7,773	7,687	7,855	32,709
<b>Total:</b>	0	0	896	903	7,595	7,773	7,687	7,855	32,709

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	896	903	7,595	7,773	7,687	7,855	32,709
<b>Total:</b>	0	0	896	903	7,595	7,773	7,687	7,855	32,709

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Generation Federal Reliability Standards Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XP6470
<b>Start/End Date:</b>	2007-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$9,553	<b>Urban Village:</b>	Not in an Urban Village

This project provides compliance with emergent power production (Generation) regional reliability standards mandated by the North American Electric Reliability Corporation (NERC) and its regional compliance partner, the Western Electricity Coordinating Council (WECC). Typical improvements may include, but are not limited to, power system stabilizers, generator and control system testing equipment, cyber security equipment, and system disturbance monitoring equipment. The project mitigates the probability of financial penalties of up to \$1 million per day per violation for failure to comply. Publication of new and revised standards requires an on-going project level effort to put improvements into service which keep generation equipment and operations in full compliance.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	9,521	10	11	11	0	0	0	0	9,553
<b>Total:</b>	9,521	10	11	11	0	0	0	0	9,553

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	9,521	10	11	11	0	0	0	0	9,553
<b>Total:</b>	9,521	10	11	11	0	0	0	0	9,553

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	9,521	10	11	11	0	0	0	0	9,553
<b>Total:</b>	9,521	10	11	11	0	0	0	0	9,553

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Georgetown Steamplant Access Road**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XF9233
<b>Start/End Date:</b>	2015-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Off Wa 99 At King County Airport
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$1,424	<b>Urban Village:</b>	Greater Duwamish

This project provides design and construction of roads and related infrastructure to provide public access to City Light's Georgetown Steamplant. This access will provide visibility of the Steam Plant to the public as a National Historic Site. King County has agreed to pay for most of this project.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	13	1,411	0	0	0	0	0	0	1,424
<b>Total:</b>	13	1,411	0	0	0	0	0	0	1,424

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	13	1,411	0	0	0	0	0	0	1,424
<b>Total:</b>	13	1,411	0	0	0	0	0	0	1,424

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	13	1,411	0	0	0	0	0	0	1,424
<b>Total:</b>	13	1,411	0	0	0	0	0	0	1,424

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Gorge - 240V AC Station Service Switchgear Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6581
<b>Start/End Date:</b>	2017-2019	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Milepost 121 Stte Highway 20
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,201	<b>Urban Village:</b>	Outside Seattle City

This project mitigates safety hazards at the Gorge Switchyard by replacing the 240V circuit breakers with new breakers that allow for remote operation. Recent policy and regulation changes related to electrical Arc Flash hazards have highlighted safety issues related to this equipment.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	660	167	374	0	0	0	0	0	1,201
<b>Total:</b>	660	167	374	0	0	0	0	0	1,201

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	660	167	374	0	0	0	0	0	1,201
<b>Total:</b>	660	167	374	0	0	0	0	0	1,201

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	660	167	374	0	0	0	0	0	1,201
<b>Total:</b>	660	167	374	0	0	0	0	0	1,201

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Gorge Crane Rehabilitation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6639
<b>Start/End Date:</b>	2021-2021	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Milepost 121 State Highway 20
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,952	<b>Urban Village:</b>	Not in an Urban Village

This project refurbishes or replaces mechanical and electrical systems for the Gorge powerhouse crane and will provide safety upgrades to comply with current code. The Gorge powerhouse crane has never undergone a major refurbishment. The three Gorge generating units are planned for overhauls within the next ten years, and will require a reliable crane. The crane control system is being modernized to allow for better control and accuracy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	1,952	0	0	0	1,952
<b>Total:</b>	0	0	0	0	1,952	0	0	0	1,952

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	1,952	0	0	0	1,952
<b>Total:</b>	0	0	0	0	1,952	0	0	0	1,952

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	1,952	0	0	0	1,952
<b>Total:</b>	0	0	0	0	1,952	0	0	0	1,952

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Gorge Powerhouse - Fire Protection Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6326
<b>Start/End Date:</b>	2017-2028	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Milepost 121 State Highway 20
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$53	<b>Urban Village:</b>	Not in an Urban Village

This project designs and installs a water spray generator fire suppression system for the Gorge Powerhouse Generator 24. The scope of the project includes piping, valving, nozzles for a water delivery system, and a new control system for detection, alarming, and system initiation.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	53	0	0	0	0	0	0	53
<b>Total:</b>	0	53	0	0	0	0	0	0	53

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	53	0	0	0	0	0	0	53
<b>Total:</b>	0	53	0	0	0	0	0	0	53

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	53	0	0	0	0	0	0	53
<b>Total:</b>	0	53	0	0	0	0	0	0	53

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Gorge U21-24 overhauls**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6640
<b>Start/End Date:</b>	2022-2026	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Milepost 121 State Highway 20
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$32,520	<b>Urban Village:</b>	Not in an Urban Village

This project overhauls Gorge units 21 - 24. The final scope of work will be determined during project chartering, but is expected to include replacing the stator winding, stator core, and excitation system. Refurbishment is expected for rotor components and other mechanical components. Planning is currently forecast to start in 2022 which would mean construction on the first unit would likely begin in 2025.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	550	15,788	16,182	32,520
<b>Total:</b>	0	0	0	0	0	550	15,788	16,182	32,520

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	550	15,788	16,182	32,520
<b>Total:</b>	0	0	0	0	0	550	15,788	16,182	32,520

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	550	15,788	16,182	32,520
<b>Total:</b>	0	0	0	0	0	550	15,788	16,182	32,520

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Interbay Substation - Development**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YS7756
<b>Start/End Date:</b>	2019-2023	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	17th Ave West/West Bertona St
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$1,043	<b>Urban Village:</b>	Ballard-Interbay Northend

This project plans, designs, and constructs a 26 kV substation in the Interbay area. This project installs 2-100 MVA transformers into a facility large enough to accommodate a third transformer at the site if required in the future. The project adds to the distribution network and provides a new path for power to the area. It provides assurance to the developers who are interested in projects in the SLU district that City Light will be able to serve their needs reliably.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	29	30	170	231	288	295	1,043
<b>Total:</b>	0	0	29	30	170	231	288	295	1,043

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	29	30	170	231	288	295	1,043
<b>Total:</b>	0	0	29	30	170	231	288	295	1,043

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	29	30	170	231	288	295	1,043
<b>Total:</b>	0	0	29	30	170	231	288	295	1,043

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Landis and Gyr RTU Modernization Boundary, CF, Skagit**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XB6565
<b>Start/End Date:</b>	2019-2021	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Boundary, Skagit and Cedar Falls power facilities.
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,613	<b>Urban Village:</b>	Not in an Urban Village

This project provides the installation of new remote temperature monitoring equipment at the Boundary, Skagit and Cedar Falls power facilities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

City Light Fund Revenues	0	0	123	932	558	0	0	0	1,613
<b>Total:</b>	0	0	123	932	558	0	0	0	1,613

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	0	0	123	932	558	0	0	0	1,613
<b>Total:</b>	0	0	123	932	558	0	0	0	1,613

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

City Light Fund	0	0	123	932	558	0	0	0	1,613
<b>Total:</b>	0	0	123	932	558	0	0	0	1,613

			2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>			0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**LRDS Editor Upgrade**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YD9977
<b>Start/End Date:</b>	2018-2019	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$850	<b>Urban Village:</b>	Not in an Urban Village

This project funds the LRDS (Looped Radial Distribution System) ArcFM Editor Upgrade which will replace a Seattle City Light production software system that is at end of life.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	1,721	182	0	0	0	0	1,903
<b>Total:</b>	0	0	1,721	182	0	0	0	0	1,903

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	1,721	182	0	0	0	0	1,903
<b>Total:</b>	0	0	1,721	182	0	0	0	0	1,903

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	1,721	182	0	0	0	0	1,903
<b>Total:</b>	0	0	1,721	182	0	0	0	0	1,903

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Mobile Workforce Implementation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YR8429
<b>Start/End Date:</b>	2017-2021	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	\$5,832	<b>Urban Village:</b>	Not in an Urban Village

This project provides mobile communication and computing equipment for Seattle City Light workers to use in the field. The project improves operational efficiencies for scheduling of crews, rapid revision of crew schedules during emergencies, and reducing transit time between job sites.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	398	1,945	1,136	1,163	1,190	0	0	0	5,832
<b>Total:</b>	398	1,945	1,136	1,163	1,190	0	0	0	5,832

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	398	1,945	1,136	1,163	1,190	0	0	0	5,832
<b>Total:</b>	398	1,945	1,136	1,163	1,190	0	0	0	5,832

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	398	1,945	1,136	1,163	1,190	0	0	0	5,832
<b>Total:</b>	398	1,945	1,136	1,163	1,190	0	0	0	5,832

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**New Customer Information System**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-ZC9937
<b>Start/End Date:</b>	2015-2019	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	700 5th Avenue
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$63,599	<b>Urban Village:</b>	Downtown

This project replaces the existing Consolidated Customer Service System (CCSS) application with a more current and viable technology solution. The CCSS provides Customer Information System (CIS) processing and support for Seattle City Light, Seattle Public Utilities, the City's Utility Call Center, and other customer service staff. The existing system does not support the current business model and direction of the City of Seattle's utilities, and is no longer supported by the vendor. The project preserves and enhances the City's ability to continue to deliver this critical function into the future.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	57,167	6,419	13	0	0	0	0	0	63,599
<b>Total:</b>	57,167	6,419	13	0	0	0	0	0	63,599

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	57,167	6,419	13	0	0	0	0	0	63,599
<b>Total:</b>	57,167	6,419	13	0	0	0	0	0	63,599

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	57,167	6,419	13	0	0	0	0	0	63,599
<b>Total:</b>	57,167	6,419	13	0	0	0	0	0	63,599

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Newhalem - Generator 20/Support Facility Rebuild**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6479
<b>Start/End Date:</b>	2011-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$6,621	<b>Urban Village:</b>	Not in an Urban Village

This project rehabilitates the Newhalem Generator 20 turbine runner and penstock. Placed in service in 1921, the turbine runner and penstock have reached the end of their useful life. This system has a 2.5 megawatts generating capacity of clean renewable power. In addition, it provides emergency power backup to Newhalem and Gorge facilities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	5,827	379	359	56	0	0	0	0	6,621
<b>Total:</b>	5,827	379	359	56	0	0	0	0	6,621

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,827	379	359	56	0	0	0	0	6,621
<b>Total:</b>	5,827	379	359	56	0	0	0	0	6,621

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	5,827	379	359	56	0	0	0	0	6,621
<b>Total:</b>	5,827	379	359	56	0	0	0	0	6,621

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Outage Management System Phase II Implementation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YD9967
<b>Start/End Date:</b>	2017-2019	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$2,095	<b>Urban Village:</b>	Multiple

This project funds City Light's Outage Management System (OMS) upgraded in order to maintain its availability as it be available 100% of the time. However, its application, operating system, and database have aged to the point where OMS' availability is at risk. It was fielded in 2011 and has not been significantly modified since. The upgrade of OMS will bring it to a currently supported product version (application, OS, database, physical infrastructure, etc.). The scope of this project is to cover as much as possible of the as-is system, with an additional change to integrate with the ongoing deployment of the Advanced Metering Infrastructure (AMI) initiative.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

City Light Fund Revenues	0	2,004	91	0	0	0	0	0	2,095
<b>Total:</b>	0	2,004	91	0	0	0	0	0	2,095

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	0	2,004	91	0	0	0	0	0	2,095
<b>Total:</b>	0	2,004	91	0	0	0	0	0	2,095

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

City Light Fund	0	2,004	91	0	0	0	0	0	2,095
<b>Total:</b>	0	2,004	91	0	0	0	0	0	2,095

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.



**PeopleSoft Reimplementation - City Light**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-WF9970
<b>Start/End Date:</b>	2015-2018	<b>BSL/Program Code:</b>	BC-CL-W
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Financial Services
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	\$27,176	<b>Urban Village:</b>	Not in an Urban Village

The PeopleSoft reimplementation and upgrade is a City-wide effort to replace the City's accounting system with an upgraded version of the PeopleSoft software. In addition to City Light's costs for the upgrade, reflected in the 2013-2020 Strategic Plan - FinMAP CIP Project 9961, this project includes \$6.2M from the 2014 Strategic Plan update, which is a 25% allocated share of the City's Financial and Administrative Services departments estimated project costs.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	18,222	8,954	0	0	0	0	0	0	27,176
<b>Total:</b>	18,222	8,954	0	0	0	0	0	0	27,176

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	18,222	8,954	0	0	0	0	0	0	27,176
<b>Total:</b>	18,222	8,954	0	0	0	0	0	0	27,176

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	18,222	8,954	0	0	0	0	0	0	27,176
<b>Total:</b>	18,222	8,954	0	0	0	0	0	0	27,176

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Power Production - Network Controls**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XP6385
<b>Start/End Date:</b>	2007-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$9,824	<b>Urban Village:</b>	Not in an Urban Village

This project provides the infrastructure required to install the basic control network and integrate existing, major control systems for a Skagit wide network controls program, to be located at each of the Skagit facilities. This project improves monitoring and control of the Skagit facilities, reduces maintenance and potential outages, and reduces cost and time of maintenance and outages. This project incorporates features that lead to enhanced data acquisition that is part of the NERC requirements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	6,994	1,164	1,267	399	0	0	0	0	9,824
<b>Total:</b>	6,994	1,164	1,267	399	0	0	0	0	9,824

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	6,994	1,164	1,267	399	0	0	0	0	9,824
<b>Total:</b>	6,994	1,164	1,267	399	0	0	0	0	9,824

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	6,994	1,164	1,267	399	0	0	0	0	9,824
<b>Total:</b>	6,994	1,164	1,267	399	0	0	0	0	9,824

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**RCOS Power Plant Controller Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YD9948
<b>Start/End Date:</b>	2021-2021	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$2,500	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the existing end of life Operational Technology (OT) computer system that provides generating unit supervisory control and data acquisition (SCADA) at each of 9 City Light power plants in conjunction with the City Light System Operations Center (SOC) for customer load and power market operation)

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	2,500	0	0	0	2,500
<b>Total:</b>	0	0	0	0	2,500	0	0	0	2,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	2,500	0	0	0	2,500
<b>Total:</b>	0	0	0	0	2,500	0	0	0	2,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	2,500	0	0	0	2,500
<b>Total:</b>	0	0	0	0	2,500	0	0	0	2,500

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Ross - Exciters 41-44**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6564
<b>Start/End Date:</b>	2018-2021	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Ross Powerhouse
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$4,358	<b>Urban Village:</b>	Outside Seattle City

This project provides installation of new remote temperature monitoring equipment at the Boundary, Skagit and Cedar Falls power facilities. This project is combined with projects 6571 and 6579 to form a larger project.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	167	3,232	271	688	0	0	0	4,358
<b>Total:</b>	0	167	3,232	271	688	0	0	0	4,358

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	167	3,232	271	688	0	0	0	4,358
<b>Total:</b>	0	167	3,232	271	688	0	0	0	4,358

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	167	3,232	271	688	0	0	0	4,358
<b>Total:</b>	0	167	3,232	271	688	0	0	0	4,358

		2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Ross - Governors**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6562
<b>Start/End Date:</b>	2015-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Ross Powerhouse
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$5,320	<b>Urban Village:</b>	Outside Seattle City

This project replaces Governors and Exciters on all four of the Ross Powerhouse generating units.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

City Light Fund Revenues	358	559	1,064	3,339	0	0	0	0	5,320
<b>Total:</b>	358	559	1,064	3,339	0	0	0	0	5,320

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	358	559	1,064	3,339	0	0	0	0	5,320
<b>Total:</b>	358	559	1,064	3,339	0	0	0	0	5,320

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

City Light Fund	358	559	1,064	3,339	0	0	0	0	5,320
<b>Total:</b>	358	559	1,064	3,339	0	0	0	0	5,320

			2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>			0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Ross - Powerhouse Rockfall Mitigation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6577
<b>Start/End Date:</b>	2022-2024	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Ross Powerhouse
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$3,617	<b>Urban Village:</b>	Outside Seattle City

This project mitigates risks to the powerhouse by installing rock fall protection measures above the Ross Powerhouse. Specific measure to be implemented will be determined during design but could include rock bolting, rock fencing, rock scaling or other measures.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	117	3,483	17	3,617
<b>Total:</b>	0	0	0	0	0	117	3,483	17	3,617

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	117	3,483	17	3,617
<b>Total:</b>	0	0	0	0	0	117	3,483	17	3,617

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	117	3,483	17	3,617
<b>Total:</b>	0	0	0	0	0	117	3,483	17	3,617

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Ross Dam - AC/DC Distribution System Upgrade**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6373
<b>Start/End Date:</b>	2005-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Milepost 128 State Highway 20
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$6,366	<b>Urban Village:</b>	Not in an Urban Village

This project upgrades aging AC electrical distribution system at Ross Dam with a new electrical distribution system. It installs conduit, ducting, distribution panels and wire. It improves the 4 kV system, improves lighting, and provides improvements on top of the dam including a center substation room, emergency generator, valve houses, and a 130-volt battery bank. New conduit and conductors improve reliability of spillgate operations and other dam operations requiring electric power. New electrical equipment, new lighting, and the addition of emergency lighting allow staff greater operational flexibility, safety, and efficiency.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	2,382	1,486	1,248	1,250	0	0	0	0	6,366
<b>Total:</b>	2,382	1,486	1,248	1,250	0	0	0	0	6,366

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,382	1,486	1,248	1,250	0	0	0	0	6,366
<b>Total:</b>	2,382	1,486	1,248	1,250	0	0	0	0	6,366

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	2,382	1,486	1,248	1,250	0	0	0	0	6,366
<b>Total:</b>	2,382	1,486	1,248	1,250	0	0	0	0	6,366

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Ross Powerhouse - Programmable Language Controller Upgrade**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6376
<b>Start/End Date:</b>	2008-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Milepost 128 State Highway 20
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$454	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the five Ross Dam Powerhouse Programmable Logic Controllers (PLC). There is one PLC for each of the four generator units, and a fifth PLC monitoring other critical powerhouse equipment. The project improves City Light's ability to make programming enhancements commensurate with operational and regulatory needs, assures comprehensive and correct documentation, and delivers a 24VDC system that eliminates the need of LOTO (Lock-Out/Tag-Out) safety procedures. It provides redundancy, which yields the ability to perform remote start-stop and other control functions of the generators.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	95	141	136	82	0	0	0	0	454
<b>Total:</b>	95	141	136	82	0	0	0	0	454

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	95	141	136	82	0	0	0	0	454
<b>Total:</b>	95	141	136	82	0	0	0	0	454

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	95	141	136	82	0	0	0	0	454
<b>Total:</b>	95	141	136	82	0	0	0	0	454

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Seattle Waterfront Streetlight Installation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-ZL8481
<b>Start/End Date:</b>	2017-2022	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
<b>Current Project Stage:</b>	Procurement/Bid	<b>Location:</b>	1312 Western AVE
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$16,488	<b>Urban Village:</b>	Not in an Urban Village

This project funds the street lighting associated with the bored tunnel hybrid plan for the Alaskan Way Viaduct replacement which is a project that will result in the City rebuilding Alaskan Way, led by the Office of the Waterfront.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	26	597	1,071	4,738	5,531	4,525	0	0	16,488
<b>Total:</b>	26	597	1,071	4,738	5,531	4,525	0	0	16,488

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	26	597	1,071	4,738	5,531	4,525	0	0	16,488
<b>Total:</b>	26	597	1,071	4,738	5,531	4,525	0	0	16,488

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	26	597	1,071	4,738	5,531	4,525	0	0	16,488
<b>Total:</b>	26	597	1,071	4,738	5,531	4,525	0	0	16,488

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Skagit - Babcock Creek Crossing**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6514
<b>Start/End Date:</b>	2015-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Newhalem Creek Rd, Marblemount, WA 98267
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,047	<b>Urban Village:</b>	Outside Seattle City

This project will construct a permanent and more stable crossing across Babcock Creek, near Newhalem. The road to Babcock Creek provides access to a critical communication tower and currently only has a temporary bridge crossing it. The permanent crossing will be either a bridge or vented ford.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	228	60	600	159	0	0	0	0	1,047
<b>Total:</b>	228	60	600	159	0	0	0	0	1,047

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	228	60	600	159	0	0	0	0	1,047
<b>Total:</b>	228	60	600	159	0	0	0	0	1,047

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	228	60	600	159	0	0	0	0	1,047
<b>Total:</b>	228	60	600	159	0	0	0	0	1,047

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Skagit - Boat Facility Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6540
<b>Start/End Date:</b>	2015-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Newhalem Creek Rd, Marblemount, WA 98267
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$7,144	<b>Urban Village:</b>	Outside Seattle City

This project provides design and construction of several new structures to support industrial and recreational boat operations on our Skagit reservoirs. Structures include a new tour dock, new dry dock, additions to the existing boat houses and a new barge landing in Diablo. The project provides improved visitor access for the Skagit Boat Tour, safer boat fueling facilities, reduced impact of snowfall on boats, consolidated barge landings, and improved dry docks.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	1,710	3,152	1,586	696	0	0	0	0	7,144
<b>Total:</b>	1,710	3,152	1,586	696	0	0	0	0	7,144

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,710	3,152	1,586	696	0	0	0	0	7,144
<b>Total:</b>	1,710	3,152	1,586	696	0	0	0	0	7,144

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	1,710	3,152	1,586	696	0	0	0	0	7,144
<b>Total:</b>	1,710	3,152	1,586	696	0	0	0	0	7,144

		2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Skagit - DC Battery System**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6583
<b>Start/End Date:</b>	2015-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$1,933	<b>Urban Village:</b>	Not in an Urban Village

This project will replace/upgrade the existing DC battery banks at the Skagit project.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	1,108	500	304	21	0	0	0	0	1,933
<b>Total:</b>	1,108	500	304	21	0	0	0	0	1,933

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,108	500	304	21	0	0	0	0	1,933
<b>Total:</b>	1,108	500	304	21	0	0	0	0	1,933

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	1,108	500	304	21	0	0	0	0	1,933
<b>Total:</b>	1,108	500	304	21	0	0	0	0	1,933

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Skagit - Sewer System Rehabilitation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6232
<b>Start/End Date:</b>	2015-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Milepost 126 State Highway 20
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$8,459	<b>Urban Village:</b>	Not in an Urban Village

This project replaces or repairs numerous sewer pipe breaks, leaks, and sags in the combined Skagit River sewer/drainage collection system, located at the Diablo Dam site. This project eliminates potential overloads in the sewage treatment plant that can cause pollution of the Skagit River and surrounding soil contamination.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	4,979	550	665	2,265	0	0	0	0	8,459
<b>Total:</b>	4,979	550	665	2,265	0	0	0	0	8,459

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	4,979	550	665	2,265	0	0	0	0	8,459
<b>Total:</b>	4,979	550	665	2,265	0	0	0	0	8,459

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	4,979	550	665	2,265	0	0	0	0	8,459
<b>Total:</b>	4,979	550	665	2,265	0	0	0	0	8,459

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Skagit Facilities Plan**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6520
<b>Start/End Date:</b>	2010-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Newhalem Creek Rd, Marblemount, WA 98267
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$11,337	<b>Urban Village:</b>	Outside Seattle City

This project implements a comprehensive facility plan to optimize buildings and structures at two Skagit town sites. The project preserves essential facilities that support SCL's power production needs, and retains important civic, cultural, and historic features in keeping with the historic preservation requirements of the Skagit FERC Licensing agreement. The project will reduce operational costs by dismantling and removing surplus facilities that require significant on-going maintenance.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	2,896	2,760	4,110	1,571	0	0	0	0	11,337
<b>Total:</b>	2,896	2,760	4,110	1,571	0	0	0	0	11,337

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,896	2,760	4,110	1,571	0	0	0	0	11,337
<b>Total:</b>	2,896	2,760	4,110	1,571	0	0	0	0	11,337

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	2,896	2,760	4,110	1,571	0	0	0	0	11,337
<b>Total:</b>	2,896	2,760	4,110	1,571	0	0	0	0	11,337

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Skagit Facilities Plan Phase 2**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6521
<b>Start/End Date:</b>	2019-2024	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$15,663	<b>Urban Village:</b>	Not in an Urban Village

This project upgrades and replaces several facilities that support power generation at the Skagit including a new security office, employee housing, upgraded maintenance shops and emergency facilities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	386	4,465	721	525	7,332	2,234	15,663
<b>Total:</b>	0	0	386	4,465	721	525	7,332	2,234	15,663

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	386	4,465	721	525	7,332	2,234	15,663
<b>Total:</b>	0	0	386	4,465	721	525	7,332	2,234	15,663

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	386	4,465	721	525	7,332	2,234	15,663
<b>Total:</b>	0	0	386	4,465	721	525	7,332	2,234	15,663

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Skagit Powerhouses - Install Protection Relays**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XS6415
<b>Start/End Date:</b>	2005-2021	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$11,608	<b>Urban Village:</b>	Not in an Urban Village

This project enhances generating reliability by adding protective relays to generating systems at the Ross, Diablo, and Gorge plants, whose generator protective relays do not meet present IEEE Standards. The project funds the addition of microprocessor relays to the existing system, certain auxiliary protective equipment, and modifies the design of the existing protection system to upgrade functionality. This will limit the potential for damage when surges and faults occur in transmission lines due to lightning strikes, load rejections, and other unexpected events.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	4,489	1,409	2,206	2,186	1,318	0	0	0	11,608
<b>Total:</b>	4,489	1,409	2,206	2,186	1,318	0	0	0	11,608

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	4,489	1,409	2,206	2,186	1,318	0	0	0	11,608
<b>Total:</b>	4,489	1,409	2,206	2,186	1,318	0	0	0	11,608

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	4,489	1,409	2,206	2,186	1,318	0	0	0	11,608
<b>Total:</b>	4,489	1,409	2,206	2,186	1,318	0	0	0	11,608

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**SMT AutoLab**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XP6600
<b>Start/End Date:</b>	2017-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$665	<b>Urban Village:</b>	Not in an Urban Village

This project provides expansion of the AutoLab in the Seattle Municipal Tower to what is now the Central Files Room. The extra space will be used as an equipment lab for Power Production electrical engineers to conduct necessary testing of cyber security, remote monitoring and automation equipment in a simulation environment. The testing will be conducted prior to installing and activating the equipment at our generation sites. THIS project also provides required HVAC upgrades as well as the installation of equipment racks, wire ways, and access security.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	242	423	0	0	0	0	665
<b>Total:</b>	0	0	242	423	0	0	0	0	665

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	242	423	0	0	0	0	665
<b>Total:</b>	0	0	242	423	0	0	0	0	665

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	242	423	0	0	0	0	665
<b>Total:</b>	0	0	242	423	0	0	0	0	665

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Solar Microgrid for Resilience**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XF9238
<b>Start/End Date:</b>	2016-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	TBD
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	TBD
<b>Total Project Cost:</b>	\$5,149	<b>Urban Village:</b>	Not in an Urban Village

This project provides construction of an islandable microgrid located at a City of Seattle designated emergency shelter such as a community center, where a solar photovoltaic (PV) system coupled with an appropriately-sized battery energy storage system will be installed. The project provides backup power to support critical emergency facilities and services during extended power outages when electricity distribution facilities are down due to a catastrophic event, such as an earthquake, severe windstorm (or associated flooding), fire or landslide. Smart microgrids improve resiliency and reliability, minimize carbon footprints, and reduce costs. This project positions City Light as one of the utilities in the forefront of an innovative application of microgrids and serve as a testbed for testing and operating not just the microgrid, but the solar and battery energy storage system equipment as well. The Washington State Dept. of Commerce will grant the utility approximately half of the funding to cover the costs for this project.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	43	4,619	225	262	0	0	0	0	5,149
<b>Total:</b>	43	4,619	225	262	0	0	0	0	5,149

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	43	4,619	225	262	0	0	0	0	5,149
<b>Total:</b>	43	4,619	225	262	0	0	0	0	5,149

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	43	4,619	225	262	0	0	0	0	5,149
<b>Total:</b>	43	4,619	225	262	0	0	0	0	5,149

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

**Sound Transit - City Light System Upgrades**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-ZT8475
<b>Start/End Date:</b>	2017-2021	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Customer Focused
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	City Wide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$181	<b>Urban Village:</b>	Multiple

This project increases the capacity of City Light power distribution systems to serve increased power requirements projected for Sound Transit's Link system. Initial upgrades will be in the Capitol Hill Sound Transit Station area. Construction there may be underway in 2017. Other areas projected to need power distribution system upgrades include area between the International District Station and Lake Washington, the University of Washington Station area, areas in the Rainier valley, and some areas along the proposed Lynnwood Link line.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	41	115	0	0	25	0	0	0	181
<b>Total:</b>	41	115	0	0	25	0	0	0	181

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	41	115	0	0	25	0	0	0	181
<b>Total:</b>	41	115	0	0	25	0	0	0	181

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	41	115	0	0	25	0	0	0	181
<b>Total:</b>	41	115	0	0	25	0	0	0	181

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Sound Transit Light Rail East Link - City Light**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-ZT8450
<b>Start/End Date:</b>	2011-2019	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	I-90/International District Station/I-90 Bridge
<b>Neighborhood District:</b>	Central	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$2,171	<b>Urban Village:</b>	Not in an Urban Village

This project plans for and relocates City Light's electrical facilities, as required by state law, enabling Sound Transit's construction of the East LINK light rail line from Seattle's International District Station to the Bellevue Redmond area. The department also plans to work with Sound Transit on a memorandum of agreement regarding cost reimbursement for its work, which is expected to be 100% reimbursable in keeping with past work with Sound Transit.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	150	1,871	150	0	0	0	0	0	2,171
<b>Total:</b>	150	1,871	150	0	0	0	0	0	2,171

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	150	1,871	150	0	0	0	0	0	2,171
<b>Total:</b>	150	1,871	150	0	0	0	0	0	2,171

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	150	1,871	150	0	0	0	0	0	2,171
<b>Total:</b>	150	1,871	150	0	0	0	0	0	2,171

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Sound Transit Lynnwood - City Light**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-ZT8471
<b>Start/End Date:</b>	2015-2023	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	City Wide
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$7,326	<b>Urban Village:</b>	Outside Seattle City

This project supports Sound Transit's Lynnwood Link, which will extend from the Northgate Transit Center at 5th Ave NE & NE 100th Street to our service area boundary at NE 200th Street, near the I-5 Right of Way. This project will include 100 blocks of relocations, a significant fraction of which will convert lines from overhead to underground. The project will install two feeders for each of the light rail line's traction power stations and upgrade the radial system's capacity where needed to serve the new load. The low and medium power service connections for the line's stations will be handled through the existing service projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	371	2,324	2,469	1,433	240	243	246	0	7,326
<b>Total:</b>	371	2,324	2,469	1,433	240	243	246	0	7,326

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	371	2,324	2,469	1,433	240	243	246	0	7,326
<b>Total:</b>	371	2,324	2,469	1,433	240	243	246	0	7,326

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	371	2,324	2,469	1,433	240	243	246	0	7,326
<b>Total:</b>	371	2,324	2,469	1,433	240	243	246	0	7,326

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**State Route 520 Bridge Relocations**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-ZT8435
<b>Start/End Date:</b>	2017-2021	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	SR 520 / Lake Washington
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	\$1,064	<b>Urban Village:</b>	Not in an Urban Village

This project relocates electrical infrastructure to support WSDOT's replacement of the State Route 520 Bridge from Montlake to I-5. This project is projected to be fully reimbursable to SCL from WSDOT.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

City Light Fund Revenues	64	548	330	100	22	0	0	0	1,064
<b>Total:</b>	64	548	330	100	22	0	0	0	1,064

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	64	548	330	100	22	0	0	0	1,064
<b>Total:</b>	64	548	330	100	22	0	0	0	1,064

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

City Light Fund	64	548	330	100	22	0	0	0	1,064
<b>Total:</b>	64	548	330	100	22	0	0	0	1,064

			2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>			0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Transmission Line Inductor Installation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YT8461
<b>Start/End Date:</b>	2015-2021	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>	Design	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	\$27,399	<b>Urban Village:</b>	Not in an Urban Village

This project addresses the issue of increased electric transmission congestion load growth in the Puget Sound Area. The project funds the installation of inductors or phase shifting transformers which curtail the flow of power through the Seattle area, while improving customer and asset strengths and maintaining reliability.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	8,966	14,001	3,765	640	27	0	0	0	27,399
<b>Total:</b>	8,966	14,001	3,765	640	27	0	0	0	27,399

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	8,966	14,001	3,765	640	27	0	0	0	27,399
<b>Total:</b>	8,966	14,001	3,765	640	27	0	0	0	27,399

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	8,966	14,001	3,765	640	27	0	0	0	27,399
<b>Total:</b>	8,966	14,001	3,765	640	27	0	0	0	27,399

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Transmission Line Reconductoring**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YT8462
<b>Start/End Date:</b>	2015-2019	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>	Design	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	\$4,995	<b>Urban Village:</b>	Not in an Urban Village

This project addresses the issue of increased electric transmission congestion load growth in the Puget Sound Area by increasing the capacity of the Bothell-SnoKing double circuit 230kv line to meet area reliability requirements. The project funds the re-conductoring of both the Bothell-SnoKing double circuit 230kV line and the Delridge-Duwamish 230kV line to increase capacity and meet regional reliability requirements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	639	4,208	148	0	0	0	0	0	4,995
<b>Total:</b>	639	4,208	148	0	0	0	0	0	4,995

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	639	4,208	148	0	0	0	0	0	4,995
<b>Total:</b>	639	4,208	148	0	0	0	0	0	4,995

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	639	4,208	148	0	0	0	0	0	4,995
<b>Total:</b>	639	4,208	148	0	0	0	0	0	4,995

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Vegetation Management Compliance System**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-YD9978
<b>Start/End Date:</b>	2018-2019	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Transmission and Distribution
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$850	<b>Urban Village:</b>	Not in an Urban Village

This new project provides funding for a Vegetation Management Compliance System for planning, tracking, and necessary documentation required to meet WECC and NERC Vegetation Management compliance requirements. These requirements are a WECC recommendation from the 2017 WECC Audit. Auditors noted that SCL was the only utility of its size to not automate Vegetation Management compliance work.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	850	0	0	0	0	0	0	850
<b>Total:</b>	0	850	0	0	0	0	0	0	850

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	850	0	0	0	0	0	0	850
<b>Total:</b>	0	850	0	0	0	0	0	0	850

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	850	0	0	0	0	0	0	850
<b>Total:</b>	0	850	0	0	0	0	0	0	850

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Western Energy Imbalance Market**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-CL-XP9976
<b>Start/End Date:</b>	2017-2020	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$13,996	<b>Urban Village:</b>	Not in an Urban Village

This project provides funding to allow City Light to participate in the Western energy imbalance market (EIM) run by the California Independent System Operator (CAISO). City Light will need IT systems, an implementation agreement with CAISO, possible additional staff and training to participate in the market. Participation will allow City Light to more efficiently use generation and transmission assets, buy and sell energy in shorter term increments, and use pricing to match loads and resources across more buyers and sellers than existing markets currently permit. By doing this, City Light will more effectively integrate renewable energy across the West due to its flexible hydro capacity. City Light is planning to begin participating in the market in the spring of 2019.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

City Light Fund Revenues	104	11,993	1,236	663	0	0	0	0	13,996
<b>Total:</b>	104	11,993	1,236	663	0	0	0	0	13,996

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	104	11,993	1,236	663	0	0	0	0	13,996
<b>Total:</b>	104	11,993	1,236	663	0	0	0	0	13,996

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

City Light Fund	104	11,993	1,236	663	0	0	0	0	13,996
<b>Total:</b>	104	11,993	1,236	663	0	0	0	0	13,996

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Battery Storage Pilot**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR8484
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project funds the installation of a grid-connected utility-scale battery. City Light will either work independently or with a partner to develop and demonstrate this new technology. This project gives City Light an opportunity to explore the storage technology and its impact on our local grid.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	1	1,949	0	0	0	0	0	1,950
<b>Total:</b>	0	1	1,949	0	0	0	0	0	1,950

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	1	1,949	0	0	0	0	0	1,950
<b>Total:</b>	0	1	1,949	0	0	0	0	0	1,950

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	1	1,949	0	0	0	0	0	1,950
<b>Total:</b>	0	1	1,949	0	0	0	0	0	1,950

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Boundary - Licensing Mitigation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XB6987
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project implements Protection, Mitigation and Enhancement measures (PMEs) required by the terms and conditions of the license issued by the Federal Energy Regulatory Commission (FERC) in 2013. The license allows for the continued operation of the Boundary Hydroelectric Project, Seattle City Light's largest generating station producing approximately 25 to 40% of the City's power supply.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	55,841	49,081	22,131	16,293	13,501	11,731	10,034	17,634	196,246
<b>Total:</b>	55,841	49,081	22,131	16,293	13,501	11,731	10,034	17,634	196,246

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	55,841	49,081	22,131	16,293	13,501	11,731	10,034	17,634	196,246
<b>Total:</b>	55,841	49,081	22,131	16,293	13,501	11,731	10,034	17,634	196,246

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	55,841	49,081	22,131	16,293	13,501	11,731	10,034	17,634	196,246
<b>Total:</b>	55,841	49,081	22,131	16,293	13,501	11,731	10,034	17,634	196,246

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary Facilities Master Plan**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XB6642
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project installs several new buildings or structures that will improve efficiency, worker safety and storage of equipment parts at the Boundary Project. Due to the remote nature of the project and the fact that the powerhouse is underground, these new facilities are critical to supporting reliable generation the new buildings include a new admin/conference room building, new equipment storage area and new shops facilities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	250	500	500	750	1,500	1,500	5,000
<b>Total:</b>	0	0	250	500	500	750	1,500	1,500	5,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	250	500	500	750	1,500	1,500	5,000
<b>Total:</b>	0	0	250	500	500	750	1,500	1,500	5,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	250	500	500	750	1,500	1,500	5,000
<b>Total:</b>	0	0	250	500	500	750	1,500	1,500	5,000

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Boundary Facility - Minor Improvements Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XB6401
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides financial coverage for emergent capital projects, specifically related to Boundary Facilities. These projects are, by definition, unforeseeable, unscheduled, unpredictable, and occur on a first-come, first serve basis. This project shows increased project allocations in years 2015 to 2017. This increase reflects anticipated baseline CIP spending levels for the Boundary Facility that are in line with Strategic Plan assumptions. These future year allocations will be broken out into specific CIP projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	20,327	1,701	846	4,045	7,316	8,741	9,180	10,016	62,172
<b>Total:</b>	20,327	1,701	846	4,045	7,316	8,741	9,180	10,016	62,172

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	20,327	1,701	846	4,045	7,316	8,741	9,180	10,016	62,172
<b>Total:</b>	20,327	1,701	846	4,045	7,316	8,741	9,180	10,016	62,172

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	20,327	2,201	846	4,045	7,316	8,741	9,180	10,016	62,672
<b>Total:</b>	20,327	2,201	846	4,045	7,316	8,741	9,180	10,016	62,672

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Broad Street Substation - Network**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YN8203
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	319 6th AVE N
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project funds a programmatic approach for comprehensive management of underground network assets serving customers in the Belltown and Denny Regrade areas. The project enhances network reliability and provides sufficient service capacity for the growing electrical power needs of the Denny Triangle and potentially a portion of South Lake Union area.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	69,826	2,538	3,627	4,332	8,535	2,855	3,036	1,528	96,277
<b>Total:</b>	69,826	2,538	3,627	4,332	8,535	2,855	3,036	1,528	96,277

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	69,826	2,538	3,627	4,332	8,535	2,855	3,036	1,528	96,277
<b>Total:</b>	69,826	2,538	3,627	4,332	8,535	2,855	3,036	1,528	96,277

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	69,826	2,538	3,627	4,332	8,535	2,855	3,036	1,528	96,277
<b>Total:</b>	69,826	2,538	3,627	4,332	8,535	2,855	3,036	1,528	96,277

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Building Envelope Upgrades**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9072
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces or restores exterior moisture and thermal barrier components of buildings such as roofing and insulation systems, exterior siding and cladding systems, windows and exterior doors. This project allows for the proactive replacement of building exteriors in order to avert costly structural damage and prevent the growth of toxic mold inside wall cavities and ceiling spaces that can easily render a building uninhabitable. The project also enhances operational efficiency by mitigating emergency repairs which disrupt utility operations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	5,568	3,072	1,361	1,442	1,440	1,528	0	0	14,411
<b>Total:</b>	5,568	3,072	1,361	1,442	1,440	1,528	0	0	14,411

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,568	3,072	1,361	1,442	1,440	1,528	0	0	14,411
<b>Total:</b>	5,568	3,072	1,361	1,442	1,440	1,528	0	0	14,411

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	5,568	3,072	1,361	1,442	1,440	1,528	0	0	14,411
<b>Total:</b>	5,568	3,072	1,361	1,442	1,440	1,528	0	0	14,411

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Call Center Improvements - City Light**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZC9972
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	University District / Roosevelt / Northgate
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	5
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project funds costs for the joint Seattle Public Utilities and Seattle City Light call center improvements. This project focuses on the capital improvement of the call center facility and systems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	503	51	209	107	220	56	231	1,377
<b>Total:</b>	0	503	51	209	107	220	56	231	1,377

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	503	51	209	107	220	56	231	1,377
<b>Total:</b>	0	503	51	209	107	220	56	231	1,377

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	503	51	209	107	220	56	231	1,377
<b>Total:</b>	0	503	51	209	107	220	56	231	1,377

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Cedar Falls/South Fork Tolt - Minor Improvements Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XC6406
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	19901 Cedar Falls Rd SE, North Bend, WA 98045
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides financial coverage for emergent capital projects related to the Cedar Falls and South Fork Tolt Facilities. In addition, it funds scheduled, small capital projects that have cost estimates less than \$25,000. These projects are, by definition, unforeseeable, unscheduled, unpredictable, and occur on a first-come, first serve basis. This project shows increased project allocations in years 2015 to 2018. This increase reflects anticipated baseline CIP spending levels for the Cedar Falls and South Fork Tolt Facility that are in line with Strategic Plan assumptions. These future year allocations will be broken out into specific CIP projects for the next year's CIP.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

City Light Fund Revenues	11,127	2,155	1,445	1,953	2,295	2,351	0	0	21,326
<b>Total:</b>	11,127	2,155	1,445	1,953	2,295	2,351	0	0	21,326

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/ Allocations\***

City Light Fund	11,127	2,155	1,445	1,953	2,295	2,351	0	0	21,326
<b>Total:</b>	11,127	2,155	1,445	1,953	2,295	2,351	0	0	21,326

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

City Light Fund	11,127	2,155	1,445	1,953	2,295	2,351	0	0	21,326
<b>Total:</b>	11,127	2,155	1,445	1,953	2,295	2,351	0	0	21,326

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Citywide Undergrounding Initiative - City Light**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZL8403
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides funding for emergent undergrounding projects. It provides a baseline commitment to take advantage of undergrounding opportunities in the course of transportation and utility projects in the City.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	6	10	10	11	11	11	12	12	83
<b>Total:</b>	6	10	10	11	11	11	12	12	83

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	6	10	10	11	11	11	12	12	83
<b>Total:</b>	6	10	10	11	11	11	12	12	83

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	6	10	10	11	11	11	12	12	83
<b>Total:</b>	6	10	10	11	11	11	12	12	83

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Communications Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YD9009
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program provides funding for unforeseen emergent and critical work on City Light's communications systems to replace communications components due to failure, changing regulatory and security requirements, and requests from customers or other agencies. This project enhances flexibility to address emergent communication systems problems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	9,068	1,045	990	947	941	825	1,052	991	15,859
<b>Total:</b>	9,068	1,045	990	947	941	825	1,052	991	15,859

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	9,068	1,045	990	947	941	825	1,052	991	15,859
<b>Total:</b>	9,068	1,045	990	947	941	825	1,052	991	15,859

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	9,068	1,045	990	947	941	825	1,052	991	15,859
<b>Total:</b>	9,068	1,045	990	947	941	825	1,052	991	15,859

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Dam Safety Part 12 Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XB6626
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project funds the support analysis and data required to meet FERC regulations. City Light must demonstrate that the dams are monitored and engineering improvements are based on current climate conditions, most current engineering standards, and the appropriate devices, instrumentation, and tools. Activities may include Skagit bulkhead, Boundary new instrumentation, Diablo & Gorge GPS System, Boundary instrumentation, Boundary Part 12 Implementation and Skagit Part 12 Implementation.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	158	548	610	0	0	0	0	0	1,316
<b>Total:</b>	158	548	610	0	0	0	0	0	1,316

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	158	548	610	0	0	0	0	0	1,316
<b>Total:</b>	158	548	610	0	0	0	0	0	1,316

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	158	548	610	0	0	0	0	0	1,316
<b>Total:</b>	158	548	610	0	0	0	0	0	1,316

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Denny Substation - Network**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YN8404
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	Valley Street/Denny Ave
<b>Neighborhood District:</b>	Lake Union	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	South Lake Union

This ongoing project provides network system design and construction, engineering design at the substation network interface, and underground conversion of the streetlight, traffic signals, and telecom and fiber optic systems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	36,681	24,796	5,695	11,246	11,811	10,661	10,897	11,138	122,925
<b>Total:</b>	36,681	24,796	5,695	11,246	11,811	10,661	10,897	11,138	122,925

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	36,681	24,796	5,695	11,246	11,811	10,661	10,897	11,138	122,925
<b>Total:</b>	36,681	24,796	5,695	11,246	11,811	10,661	10,897	11,138	122,925

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	36,681	24,596	5,695	11,246	11,811	10,661	10,897	11,138	122,725
<b>Total:</b>	36,681	24,596	5,695	11,246	11,811	10,661	10,897	11,138	122,725

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Denny Substation Tenant Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9235
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	Valley Street
<b>Neighborhood District:</b>	Lake Union	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	South Lake Union

This ongoing project provides program, design, and construction of interior improvements within two building shell spaces within the Denny Substation. The two spaces are a southwest shell space which may house a community center or similar public amenity and a southeast shell space which may house a learning resource center or similar public amenity.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	1,936	4,334	303	85	0	0	0	0	6,658
<b>Total:</b>	1,936	4,334	303	85	0	0	0	0	6,658

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,936	4,334	303	85	0	0	0	0	6,658
<b>Total:</b>	1,936	4,334	303	85	0	0	0	0	6,658

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	1,936	4,334	303	85	0	0	0	0	6,658
<b>Total:</b>	1,936	4,334	303	85	0	0	0	0	6,658

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Diablo Dam - Spill Gate Trunnion Upgrades**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XS6610
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	Milepost 126 Stte Highway 20
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Outside Seattle City

This project provides replacement of the trunnion bushings in all 20 of Diablo Dam's spill gates with new synthetic bushings that are permanently sealed and lubricated, and perform associated supporting work.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	618	339	610	640	666	697	596	473	4,639
<b>Total:</b>	618	339	610	640	666	697	596	473	4,639

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	618	339	610	640	666	697	596	473	4,639
<b>Total:</b>	618	339	610	640	666	697	596	473	4,639

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	618	339	610	640	666	697	596	473	4,639
<b>Total:</b>	618	339	610	640	666	697	596	473	4,639

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Distribution Area Communications Networks**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YD9307
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project installs fiber cable and equipment to all City Light dams, substations and service centers to create a secure, reliable, fast and redundant digital communications system for operations command and control. The fiber infrastructure provides a secure path for power distribution system control and dispatch, Energy Management System data, and other City Light communications. This project also supports Substation Automation, Distribution Automation, Distributed Generation, and automated meter reading projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	18,296	2,741	2,622	2,908	2,687	1,938	1,976	2,016	35,184
<b>Total:</b>	18,296	2,741	2,622	2,908	2,687	1,938	1,976	2,016	35,184

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	18,296	2,741	2,622	2,908	2,687	1,938	1,976	2,016	35,184
<b>Total:</b>	18,296	2,741	2,622	2,908	2,687	1,938	1,976	2,016	35,184

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	18,296	2,741	2,622	2,908	2,687	1,938	1,976	2,016	35,184
<b>Total:</b>	18,296	2,741	2,622	2,908	2,687	1,938	1,976	2,016	35,184

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Distribution Automation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR8425
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project automates radial distribution feeders, which includes installation of equipment to provide remote control of operations of switches on power lines and gather real time data on conditions in distribution power lines. The installation of strategically placed switches provides the ability to automatically perform outage restoration, shift blocks of load to maximize efficiencies of feeders, and reconfigure the feeder grid. Typical operation involves remotely detecting that a feeder fault has occurred, locating the damaged portion of the feeder between two remote controlled line switches, isolating the damaged portion of the feeder by opening appropriate remote controlled line switches, and re-energizing undamaged portions of the feeder via the primary feeder source and one or more backup sources using automatically controlled tie switches.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

City Light Fund Revenues	7,673	2,291	2,987	2,840	2,909	1,500	3,142	3,018	26,360
<b>Total:</b>	7,673	2,291	2,987	2,840	2,909	1,500	3,142	3,018	26,360

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	7,673	2,291	2,987	2,840	2,909	1,500	3,142	3,018	26,360
<b>Total:</b>	7,673	2,291	2,987	2,840	2,909	1,500	3,142	3,018	26,360

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

City Light Fund	7,673	2,291	2,987	2,840	2,909	1,500	3,142	3,018	26,360
<b>Total:</b>	7,673	2,291	2,987	2,840	2,909	1,500	3,142	3,018	26,360

			2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>			0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Electric Vehicle Infrastructure**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9237
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	City Wide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project funds the implementation of two charging infrastructure pilot programs in 2017: one focuses on public DC fast chargers and one focuses on residential charging. This project rolls out 10 to 20 public DC fast charging stations for Electric Vehicles within its service territory, at either City-owned property or private sites. City Light owns and installs the public charging infrastructure. Through the residential pilot, City Light installs 200-300 stations in customers' homes that create a service that lowers the initial cost and uncertainty of installing at-home charging. This program model offers customers a manageable monthly cost, while allowing the utility to better understand load management options like demand response. These programs allow customers access to carbon-neutral electricity that customers are demanding, better utilize current utility assets and contribute to the aggressive goals of the Drive Clean Seattle Initiative.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	468	2,571	166	542	0	0	0	0	3,747
<b>Total:</b>	468	2,571	166	542	0	0	0	0	3,747

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	468	2,571	166	542	0	0	0	0	3,747
<b>Total:</b>	468	2,571	166	542	0	0	0	0	3,747

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	468	2,571	166	542	0	0	0	0	3,747
<b>Total:</b>	468	2,571	166	542	0	0	0	0	3,747

		2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Endangered Species Act Mitigation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XP6990
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	Outside the City of Seattle
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project protects and restores fisheries habitat in the Skagit and Tolt river basins. It implements the Endangered Species Act (ESA) Program for recovery of listed fish species that are potentially affected by City Light projects. The project includes land purchase, restoration, assessment, and management. The project reduces the likelihood of third party lawsuits under ESA and the reopening of claims by Federal agencies, e.g. the U.S. Fish and Wildlife Service, seeking additional measures to protect and restore the listed species.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	11,514	1,597	1,117	1,125	1,145	1,164	1,185	710	19,557
<b>Total:</b>	11,514	1,597	1,117	1,125	1,145	1,164	1,185	710	19,557

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	11,514	1,597	1,117	1,125	1,145	1,164	1,185	710	19,557
<b>Total:</b>	11,514	1,597	1,117	1,125	1,145	1,164	1,185	710	19,557

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	11,514	1,597	1,117	1,125	1,145	1,164	1,185	710	19,557
<b>Total:</b>	11,514	1,597	1,117	1,125	1,145	1,164	1,185	710	19,557

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Energy Conservation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9320
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project installs improvements at SCL facilities to reduce energy consumption. Work is performed at facilities including generation sites, service centers, and substations. With documented savings, some project costs may be recovered from the Bonneville Power Administration.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	3,866	571	121	127	131	139	0	0	4,955
<b>Total:</b>	3,866	571	121	127	131	139	0	0	4,955

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3,866	571	121	127	131	139	0	0	4,955
<b>Total:</b>	3,866	571	121	127	131	139	0	0	4,955

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	3,866	571	121	127	131	139	0	0	4,955
<b>Total:</b>	3,866	571	121	127	131	139	0	0	4,955

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Enterprise Software Solution Replacement Strategy**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YD9969
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	City Wide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project upgrades or replaces components of the Enterprise Solution Portfolio for the Utility as prescribed by the preferred vendor, Oracle, or other vendor deemed more appropriate, which will maintain enterprise resources that benefit all customers in the City Light service area.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	1,474	9,147	6,174	10,265	10,721	6,861	430	45,072
<b>Total:</b>	0	1,474	9,147	6,174	10,265	10,721	6,861	430	45,072

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	1,474	9,147	6,174	10,265	10,721	6,861	430	45,072
<b>Total:</b>	0	1,474	9,147	6,174	10,265	10,721	6,861	430	45,072

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	1,474	9,147	6,174	10,265	10,721	6,861	430	45,072
<b>Total:</b>	0	1,474	9,147	6,174	10,265	10,721	6,861	430	45,072

		2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Environmental Safeguarding and Remediation of Facilities**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9152
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	Outside the City of Seattle
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds improvements to prevent air and water pollution at City Light facilities. The project implements cost appropriate solutions for identified environmental programs and provides facilities for meeting environmental and remediation concerns. Typical projects include ventilation for painting operations, storage equipment for toxic material, containment provisions to provide protection in the event of a spill or leak, and handling equipment to enable safe movement of hazardous items.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	664	97	60	63	67	70	0	0	1,021
<b>Total:</b>	664	97	60	63	67	70	0	0	1,021

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	664	97	60	63	67	70	0	0	1,021
<b>Total:</b>	664	97	60	63	67	70	0	0	1,021

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	664	97	60	63	67	70	0	0	1,021
<b>Total:</b>	664	97	60	63	67	70	0	0	1,021

		2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Equipment Fleet Replacement**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9101
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces, updates, and expands City Light's - light and heavy duty mobile equipment fleet. This project also funds the replacement of light-duty vehicles owned by City Light, including those previously leased from the Fleets & Facilities Department and now owned by City Light.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	69,634	14,594	7,178	7,182	7,185	9,051	8,867	8,000	131,691
<b>Total:</b>	69,634	14,594	7,178	7,182	7,185	9,051	8,867	8,000	131,691

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	69,634	14,594	7,178	7,182	7,185	9,051	8,867	8,000	131,691
<b>Total:</b>	69,634	14,594	7,178	7,182	7,185	9,051	8,867	8,000	131,691

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	69,634	14,594	7,178	7,182	7,185	9,051	8,867	8,000	131,691
<b>Total:</b>	69,634	14,594	7,178	7,182	7,185	9,051	8,867	8,000	131,691

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Facilities Infrastructure Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9156
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project upgrades and replaces the structural, electrical or mechanical systems, or other base building systems critical to building operations, and site development items. Work under this project may include plumbing replacements, HVAC related systems, power distribution systems, tanks, elevators, fire suppression systems, drainage systems, exterior and interior lighting, landscaping, irrigation, paving, stairs, and sidewalks. This project is intended for emergent work not yet identified and is not intended as a duplicate for other infrastructure improvements included in specific projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	3,516	737	94	102	98	103	0	0	4,650
<b>Total:</b>	3,516	737	94	102	98	103	0	0	4,650

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3,516	737	94	102	98	103	0	0	4,650
<b>Total:</b>	3,516	737	94	102	98	103	0	0	4,650

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	3,516	737	94	102	98	103	0	0	4,650
<b>Total:</b>	3,516	737	94	102	98	103	0	0	4,650

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Facilities Regulatory Compliance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9151
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project is for the investigation of contamination and remediation, if necessary, of property that the utility is targeting for disposal

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	1,804	577	324	332	340	348	357	365	4,447
<b>Total:</b>	1,804	577	324	332	340	348	357	365	4,447

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,804	577	324	332	340	348	357	365	4,447
<b>Total:</b>	1,804	577	324	332	340	348	357	365	4,447

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	1,804	577	324	332	340	348	357	365	4,447
<b>Total:</b>	1,804	577	324	332	340	348	357	365	4,447

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**First Hill - Network**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YN8301
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	1100 Madison St
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	First Hill/Capitol Hill

This ongoing project funds a programmatic approach for comprehensive management of underground network assets serving customers in the First Hill area. This project funds annual work required, such as balancing feeder cables to their maximum service build out limit, performing engineering analysis to determine system feeder assignments, required for new service connections, and replacement of cables that fail while in service.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	13,077	1,141	2,626	2,653	1,970	4,889	4,902	5,007	36,265
<b>Total:</b>	13,077	1,141	2,626	2,653	1,970	4,889	4,902	5,007	36,265

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	13,077	1,141	2,626	2,653	1,970	4,889	4,902	5,007	36,265
<b>Total:</b>	13,077	1,141	2,626	2,653	1,970	4,889	4,902	5,007	36,265

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	13,077	1,141	2,626	2,653	1,970	4,889	4,902	5,007	36,265
<b>Total:</b>	13,077	1,141	2,626	2,653	1,970	4,889	4,902	5,007	36,265

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Hydro Project Spill Containment**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XP6530
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	Outside City of Seattle
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Outside Seattle City

This ongoing project will implement upgrades to generating plants that will either prevent oil spills through process improvements and equipment replacement, or provide additional containment capacity for accidental spills. These upgrades will include replacing oil filled transformers with dry-type transformers, building larger containment basins around oil filled equipment, reconfiguring powerhouse sumps, installing oil/water separators, and replacing greased valve bushings with greaseless bushings.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	2,199	366	701	775	0	0	0	0	4,041
<b>Total:</b>	2,199	366	701	775	0	0	0	0	4,041

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,199	366	701	775	0	0	0	0	4,041
<b>Total:</b>	2,199	366	701	775	0	0	0	0	4,041

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	2,199	366	701	775	0	0	0	0	4,041
<b>Total:</b>	2,199	366	701	775	0	0	0	0	4,041

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Information Technology Infrastructure**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-WF9915
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-W
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Financial Services
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds replacement and improvement of the Utility's information technology infrastructure. This infrastructure provides applications, data storage, and print services to the utility, and supports activities and applications including Microsoft Outlook, remote connectivity, electronic communications and recording of power marketing transactions (E-tagging), the City InWeb and network, common and City Light applications, UNIX services, and infrastructure change management. Components purchased by this project include servers, network and communications equipment, disk storage, and application and operating system software. Infrastructure is upgraded or replaced based upon a combination of factors, such as maintenance schedules, equipment warranties, availability of vendor support, Gartner recommendations, application growth, and security demands.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

City Light Fund Revenues	25,334	631	488	488	489	490	491	0	28,411
<b>Total:</b>	25,334	631	488	488	489	490	491	0	28,411

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	25,334	631	488	488	489	490	491	0	28,411
<b>Total:</b>	25,334	631	488	488	489	490	491	0	28,411

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

City Light Fund	25,334	631	488	488	489	490	491	0	28,411
<b>Total:</b>	25,334	631	488	488	489	490	491	0	28,411

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**IT Security Upgrades**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-WF9960
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-W
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Financial Services
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

City Light Fund Revenues	3,959	1,119	1,108	1,128	872	640	648	0	9,474
<b>Total:</b>	3,959	1,119	1,108	1,128	872	640	648	0	9,474

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	3,959	1,119	1,108	1,128	872	640	648	0	9,474
<b>Total:</b>	3,959	1,119	1,108	1,128	872	640	648	0	9,474

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

City Light Fund	3,959	1,119	1,108	1,128	872	640	648	0	9,474
<b>Total:</b>	3,959	1,119	1,108	1,128	872	640	648	0	9,474

			2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>			0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Large Overhead and Underground Services**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZS8365
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides large size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of greater than 3 MVA and 26 kV radial services. Most of this related work is billable to the customer. The project allows Seattle City Light to provide service to new customers in a safe, reliable, timely and cost effective manner as a means to fulfill its commitment to be a customer and community-focused organization.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	23,626	3,215	4,278	3,272	5,153	6,334	6,469	6,641	58,988
<b>Total:</b>	23,626	3,215	4,278	3,272	5,153	6,334	6,469	6,641	58,988

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	23,626	3,215	4,278	3,272	5,153	6,334	6,469	6,641	58,988
<b>Total:</b>	23,626	3,215	4,278	3,272	5,153	6,334	6,469	6,641	58,988

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	23,626	3,215	4,278	3,272	5,153	6,334	6,469	6,641	58,988
<b>Total:</b>	23,626	3,215	4,278	3,272	5,153	6,334	6,469	6,641	58,988

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Major Emergency**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZS8380
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project covers unexpected problems that occur with the electrical system and result in repairs of over \$100,000 for any one event and for capital costs that are incurred during any single emergency situation lasting over 48 hours.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	5,650	265	780	798	1,376	1,407	527	1,444	12,247
<b>Total:</b>	5,650	265	780	798	1,376	1,407	527	1,444	12,247

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,650	265	780	798	1,376	1,407	527	1,444	12,247
<b>Total:</b>	5,650	265	780	798	1,376	1,407	527	1,444	12,247

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	5,650	265	780	798	1,376	1,407	527	1,444	12,247
<b>Total:</b>	5,650	265	780	798	1,376	1,407	527	1,444	12,247

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Massachusetts Street Substation - Networks**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YN8202
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	1555 Utah Ave S
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	2
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Greater Duwamish

The ongoing project increases Massachusetts Street Substation network capacity. It funds a programmatic approach for comprehensive management of underground network assets serving customers in Pioneer Square and the area bounded by University Street, Third Avenue, Terrace Street, and the Freeway. The project funds completion of engineering design and analysis work required before construction of any civil facilities into which feeders can be relocated from the Alaskan Way Viaduct. This project defers the need date for a new network substation until no further capacity is available from Union Street and the other network substations. It provides sufficient and reliable electrical capacity for the growing power needs of City Light customers.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	34,711	3,444	4,223	3,382	2,926	4,500	4,763	4,843	62,792
<b>Total:</b>	34,711	3,444	4,223	3,382	2,926	4,500	4,763	4,843	62,792

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	34,711	3,444	4,223	3,382	2,926	4,500	4,763	4,843	62,792
<b>Total:</b>	34,711	3,444	4,223	3,382	2,926	4,500	4,763	4,843	62,792

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	34,711	3,644	4,223	3,382	2,926	4,500	4,763	4,843	62,992
<b>Total:</b>	34,711	3,644	4,223	3,382	2,926	4,500	4,763	4,843	62,992

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Medium Overhead and Underground Services**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZS8366
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides medium size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of 50 KVA to 2.5 MVA and 26 kV radial services. Most of this related work is billable to the customer. The project allows Seattle City Light to provide service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community-focused organization.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	129,805	14,467	11,784	12,315	12,479	15,654	14,658	14,144	225,306
<b>Total:</b>	129,805	14,467	11,784	12,315	12,479	15,654	14,658	14,144	225,306

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	129,805	14,467	11,784	12,315	12,479	15,654	14,658	14,144	225,306
<b>Total:</b>	129,805	14,467	11,784	12,315	12,479	15,654	14,658	14,144	225,306

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	129,805	14,467	11,784	12,315	12,479	15,654	14,658	14,144	225,306
<b>Total:</b>	129,805	14,467	11,784	12,315	12,479	15,654	14,658	14,144	225,306

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Meter Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZS8054
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides new or replacement meters for both residential and commercial services. Work included in this project includes installations of new and/or upgraded meter services; obsolete meter exchanges; audits of new meter services, solar metering, and technology impacting the distribution system; testing, calibration, meter inventory management, and verifying electrical measurement standards. This project ensures accurate customer billing.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	39,753	2,360	2,235	2,844	3,016	3,069	2,900	2,900	59,077
<b>Total:</b>	39,753	2,360	2,235	2,844	3,016	3,069	2,900	2,900	59,077

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	39,753	2,360	2,235	2,844	3,016	3,069	2,900	2,900	59,077
<b>Total:</b>	39,753	2,360	2,235	2,844	3,016	3,069	2,900	2,900	59,077

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	39,753	2,360	2,235	2,844	3,016	3,069	2,900	2,900	59,077
<b>Total:</b>	39,753	2,360	2,235	2,844	3,016	3,069	2,900	2,900	59,077

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Miscellaneous Building Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9007
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project capitalizes on emergent opportunities to make improvements to City Light's buildings and facilities. The project also provides for cost effective asset preservation measures, the need for which had not been previously foreseen. The project protects employees and customers from health and safety hazards and permits SCL to meet safety and health code requirements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	8,867	3,076	2,462	3,987	4,101	4,338	0	0	26,831
<b>Total:</b>	8,867	3,076	2,462	3,987	4,101	4,338	0	0	26,831

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	8,867	3,076	2,462	3,987	4,101	4,338	0	0	26,831
<b>Total:</b>	8,867	3,076	2,462	3,987	4,101	4,338	0	0	26,831

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	8,867	3,076	2,462	3,987	4,101	4,338	0	0	26,831
<b>Total:</b>	8,867	3,076	2,462	3,987	4,101	4,338	0	0	26,831

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Neighborhood Voluntary Undergrounding Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZO8383
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides City Light resources to serve potential Voluntary Undergrounding Program (VUP) customers through the VUP process from initial estimate, financial planning, design, construction, and reimbursement of costs from the customers. The purpose of the Voluntary Underground Program (VUP) is to satisfy residential customers who are interested in converting their overhead distribution system to an underground system. This VUP is proscribed by Seattle Municipal Code, Section 21.49.110.T.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	277	15	15	15	15	15	15	16	383
<b>Total:</b>	277	15	15	15	15	15	15	16	383

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	277	15	15	15	15	15	15	16	383
<b>Total:</b>	277	15	15	15	15	15	15	16	383

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	277	15	15	15	15	15	15	16	383
<b>Total:</b>	277	15	15	15	15	15	15	16	383

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Network Additions and Services - Denny**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZS8405
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	Valley Street/Denny Ave
<b>Neighborhood District:</b>	Lake Union	<b>Council District:</b>	TBD
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	South Lake Union

This ongoing project provides electrical service connections and related improvements in response to customer service needs within the North Downtown network area. The project provides civil and electrical design assistance to customers to connect existing and proposed buildings to the North Downtown network system. This project also performs capacity addition work associated with service connections, and replaces or installs network transformers, network protectors, and bus ties switches.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	6,794	4,351	8,013	9,351	7,214	5,680	5,761	5,843	53,007
<b>Total:</b>	6,794	4,351	8,013	9,351	7,214	5,680	5,761	5,843	53,007

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	6,794	4,351	8,013	9,351	7,214	5,680	5,761	5,843	53,007
<b>Total:</b>	6,794	4,351	8,013	9,351	7,214	5,680	5,761	5,843	53,007

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	6,794	4,351	8,013	9,351	7,214	5,680	5,761	5,843	53,007
<b>Total:</b>	6,794	4,351	8,013	9,351	7,214	5,680	5,761	5,843	53,007

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Network Additions and Services: Broad Street Substation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZS8363
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	319 6th AV N
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides electrical service connections and related improvements in response to customer service requests within the Broad Street network areas. The project performs capacity additions work associated with service connections to customers including condominiums, office buildings, medical facilities, hotels, and commercial and apartment buildings. The project also replaces or installs network transformers, network protectors and specialty transformers, and performs short duration system improvement work identified during operations, including retrofitting in-building vaults.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	70,962	10,227	7,150	7,148	7,362	7,295	7,826	7,326	125,296
<b>Total:</b>	70,962	10,227	7,150	7,148	7,362	7,295	7,826	7,326	125,296

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	70,962	10,227	7,150	7,148	7,362	7,295	7,826	7,326	125,296
<b>Total:</b>	70,962	10,227	7,150	7,148	7,362	7,295	7,826	7,326	125,296

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	70,962	10,227	7,150	7,148	7,362	7,295	7,826	7,326	125,296
<b>Total:</b>	70,962	10,227	7,150	7,148	7,362	7,295	7,826	7,326	125,296

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Network Additions and Svcs: First Hill, Mass, Union & Univer**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZS8364
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	1555 Utah AV S
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	2
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides electrical service connections and related improvements in response to customer service requests within the First Hill, Massachusetts, Union, and University District network areas. The project performs capacity additions work associated with service connections to customers, including condominiums, office buildings, medical facilities, hotels, and commercial and apartment buildings. The project also replaces or installs network transformers, network protectors and specialty transformers, and performs short-duration system improvement work identified during operations, including retrofitting in-building vaults.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	46,463	3,292	3,373	3,326	3,962	3,864	4,135	3,917	72,332
<b>Total:</b>	46,463	3,292	3,373	3,326	3,962	3,864	4,135	3,917	72,332

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	46,463	3,292	3,373	3,326	3,962	3,864	4,135	3,917	72,332
<b>Total:</b>	46,463	3,292	3,373	3,326	3,962	3,864	4,135	3,917	72,332

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	46,463	3,292	3,373	3,326	3,962	3,864	4,135	3,917	72,332
<b>Total:</b>	46,463	3,292	3,373	3,326	3,962	3,864	4,135	3,917	72,332

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Network Hazeltine Upgrade**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YN8129
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project upgrades City Light's remote vault monitoring capability for the Hazeltine system. The project provides remote monitoring of network transformers, protectors, vaults, and supports daily utility operations. The project enhances the network monitoring capability by allowing an alarm to be sent to the System Control Center within 30 seconds of an abnormal electrical component or environmental condition occurrence.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	5,387	576	552	781	743	745	746	758	10,288
<b>Total:</b>	5,387	576	552	781	743	745	746	758	10,288

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,387	576	552	781	743	745	746	758	10,288
<b>Total:</b>	5,387	576	552	781	743	745	746	758	10,288

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	5,387	576	552	781	743	745	746	758	10,288
<b>Total:</b>	5,387	576	552	781	743	745	746	758	10,288

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Network Maintenance Hole and Vault Rebuild**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YN8130
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project repairs or replaces damaged electrical manholes, vaults and ducts located in the street right of way within the Downtown Central and Pioneer Square business districts. The project provides reliable and safe electrical service to the network, and enhances safety for City Light crews and the public by reducing the large backlog of old or damaged electrical facilities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	33,726	2,999	3,825	2,965	3,457	2,525	2,411	2,457	54,365
<b>Total:</b>	33,726	2,999	3,825	2,965	3,457	2,525	2,411	2,457	54,365

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	33,726	2,999	3,825	2,965	3,457	2,525	2,411	2,457	54,365
<b>Total:</b>	33,726	2,999	3,825	2,965	3,457	2,525	2,411	2,457	54,365

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	33,726	2,999	3,825	2,965	3,457	2,525	2,411	2,457	54,365
<b>Total:</b>	33,726	2,999	3,825	2,965	3,457	2,525	2,411	2,457	54,365

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Normal Emergency**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZS8379
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project covers unexpected problems that occur with the electrical system incurred during any single emergency situation that lasts less than 48 hours, such as lightning storms and brief wind storms, and result in necessary repairs that cost over \$5,000.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	13,876	576	581	591	1,699	1,736	1,925	1,785	22,769
<b>Total:</b>	13,876	576	581	591	1,699	1,736	1,925	1,785	22,769

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	13,876	576	581	591	1,699	1,736	1,925	1,785	22,769
<b>Total:</b>	13,876	576	581	591	1,699	1,736	1,925	1,785	22,769

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	13,876	576	581	591	1,699	1,736	1,925	1,785	22,769
<b>Total:</b>	13,876	576	581	591	1,699	1,736	1,925	1,785	22,769

		2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**North and South Service Center Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9107
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	Outside City of Seattle
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project improves office, shop, and storage areas in the North and South Service Centers. The project increases efficiency, productivity, safety improvements and optimal use of space.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	13,153	402	839	4,008	5,428	5,769	647	0	30,246
<b>Total:</b>	13,153	402	839	4,008	5,428	5,769	647	0	30,246

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	13,153	402	839	4,008	5,428	5,769	647	0	30,246
<b>Total:</b>	13,153	402	839	4,008	5,428	5,769	647	0	30,246

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	13,153	402	839	4,008	5,428	5,769	647	0	30,246
<b>Total:</b>	13,153	402	839	4,008	5,428	5,769	647	0	30,246

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Office Furniture and Equipment Purchase**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9103
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides office equipment and furniture costing more than \$5,000 each. This project furnishes newly created or modified space under the Workplace and Process Improvement program, and replaces aging office furnishings with modular office workstations, conference room ensemble furniture, and major office machines. This project enhances worker safety and morale by purchasing ergonomic furniture and providing modern workspaces.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	2,147	1,427	1,105	1,134	1,121	1,149	0	0	8,083
<b>Total:</b>	2,147	1,427	1,105	1,134	1,121	1,149	0	0	8,083

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,147	1,427	1,105	1,134	1,121	1,149	0	0	8,083
<b>Total:</b>	2,147	1,427	1,105	1,134	1,121	1,149	0	0	8,083

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	2,147	1,427	1,105	1,134	1,121	1,149	0	0	8,083
<b>Total:</b>	2,147	1,427	1,105	1,134	1,121	1,149	0	0	8,083

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Overhead 26kV Conversion**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR8358
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project replaces the 4 kV electrical equipment remaining in the electrical distribution system with new, efficient and reliable 26 kV distribution equipment. This project increases capacity to deliver power to City Light customers, rebuilds and maintains the backbone of City Light's system, saves energy by reducing transformer and line losses, improves quality and reliability of service to customers, and releases unit substation properties for better neighborhood uses.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	17,924	1,026	570	1,052	1,776	1,698	1,478	1,496	27,020
<b>Total:</b>	17,924	1,026	570	1,052	1,776	1,698	1,478	1,496	27,020

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	17,924	1,026	570	1,052	1,776	1,698	1,478	1,496	27,020
<b>Total:</b>	17,924	1,026	570	1,052	1,776	1,698	1,478	1,496	27,020

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	17,924	1,026	570	1,052	1,776	1,698	1,478	1,496	27,020
<b>Total:</b>	17,924	1,026	570	1,052	1,776	1,698	1,478	1,496	27,020

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Overhead and Underground Relocations**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZT8369
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project moves electrical lines to accommodate or take advantage of transportation-related projects, street vacations, or other projects being constructed by non-City Light agencies. This project addresses modifications to the distribution system, including replacement or modifications of old line segments, poles, and underground facilities, as necessary. Some project costs are paid by City Light and some are paid by the requesting agencies, depending on the circumstances.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	16,792	6,422	3,983	3,714	3,950	3,903	3,593	3,539	45,896
<b>Total:</b>	16,792	6,422	3,983	3,714	3,950	3,903	3,593	3,539	45,896

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	16,792	6,422	3,983	3,714	3,950	3,903	3,593	3,539	45,896
<b>Total:</b>	16,792	6,422	3,983	3,714	3,950	3,903	3,593	3,539	45,896

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	16,792	6,422	3,983	3,714	3,950	3,903	3,593	3,539	45,896
<b>Total:</b>	16,792	6,422	3,983	3,714	3,950	3,903	3,593	3,539	45,896

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.



**Overhead Customer Driven Capacity Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR8355
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old line segments, relocates lines for construction clearances and replaces rotten and damaged poles in the distribution system. This work is driven by specific customer projects, for their direct benefit, to identify and upgrade feeders that are affected before the new load from those projects comes online. City Light is reimbursed by the customers for this work.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	40,816	4,359	5,055	5,488	4,151	5,863	5,963	5,004	76,699
<b>Total:</b>	40,816	4,359	5,055	5,488	4,151	5,863	5,963	5,004	76,699

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	40,816	4,359	5,055	5,488	4,151	5,863	5,963	5,004	76,699
<b>Total:</b>	40,816	4,359	5,055	5,488	4,151	5,863	5,963	5,004	76,699

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	40,816	4,359	5,055	5,488	4,151	5,863	5,963	5,004	76,699
<b>Total:</b>	40,816	4,359	5,055	5,488	4,151	5,863	5,963	5,004	76,699

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Overhead Equipment Replacements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR8351
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces older equipment in City Light's distribution system that is nearing the end of its usable life; is overloaded or is of an outdated design, which requires replacement due to the lack of spare parts. These items include, but are not limited to, poles, cross-arms, transformers, and open-wire secondaries.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	110,941	12,555	11,997	12,533	17,574	16,813	26,136	20,925	229,474
<b>Total:</b>	110,941	12,555	11,997	12,533	17,574	16,813	26,136	20,925	229,474

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	110,941	12,555	11,997	12,533	17,574	16,813	26,136	20,925	229,474
<b>Total:</b>	110,941	12,555	11,997	12,533	17,574	16,813	26,136	20,925	229,474

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	110,941	12,555	11,997	12,533	17,574	16,813	26,136	20,925	229,474
<b>Total:</b>	110,941	12,555	11,997	12,533	17,574	16,813	26,136	20,925	229,474

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Overhead Outage Replacements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZS8350
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project supports the capitalized portion of work resulting from unplanned, non-emergency, overhead outages. These outages result from events, such as storms, accidents, and equipment failures. The project funds permanent storm repairs and construction of new infrastructure to bypass failing equipment. The project ensures that customers' electric power is restored as quickly as possible.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	3,360	315	442	918	933	1,081	1,103	1,158	9,310
<b>Total:</b>	3,360	315	442	918	933	1,081	1,103	1,158	9,310

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3,360	315	442	918	933	1,081	1,103	1,158	9,310
<b>Total:</b>	3,360	315	442	918	933	1,081	1,103	1,158	9,310

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	3,360	315	442	918	933	1,081	1,103	1,158	9,310
<b>Total:</b>	3,360	315	442	918	933	1,081	1,103	1,158	9,310

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Overhead System Capacity Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR8356
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old line segments, replaces rotten and damaged poles in the distribution system. City Light customers pay for some of this work.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	39,518	2,645	2,530	2,706	3,155	3,204	3,255	3,304	60,317
<b>Total:</b>	39,518	2,645	2,530	2,706	3,155	3,204	3,255	3,304	60,317

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	39,518	2,645	2,530	2,706	3,155	3,204	3,255	3,304	60,317
<b>Total:</b>	39,518	2,645	2,530	2,706	3,155	3,204	3,255	3,304	60,317

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	39,518	2,645	2,530	2,706	3,155	3,204	3,255	3,304	60,317
<b>Total:</b>	39,518	2,645	2,530	2,706	3,155	3,204	3,255	3,304	60,317

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**PCB Tracking and Condition Assessment Project**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR9974
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project funds the purchase and implementation of a system capable of storing and analyzing complex asset condition assessment data, including inspection, testing and sampling results. This project will replace the current XFMR transformer system and would also track the environmental impacts of related transformers. This project was formerly known as "Asset Condition Assessment and Test Tracking System."

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	3,357	1,397	0	0	0	0	0	4,754
<b>Total:</b>	0	3,357	1,397	0	0	0	0	0	4,754

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	3,357	1,397	0	0	0	0	0	4,754
<b>Total:</b>	0	3,357	1,397	0	0	0	0	0	4,754

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	3,357	1,397	0	0	0	0	0	4,754
<b>Total:</b>	0	3,357	1,397	0	0	0	0	0	4,754

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Pole Attachments**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR8452
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds utility crews and engineers to prepare City Light poles for the attachment of other communication infrastructure. This project provides for additional revenues through pole attachment fees and construction costs, which are fully reimbursable.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	22,243	18,354	6,518	7,259	7,838	7,959	7,307	7,279	84,757
<b>Total:</b>	22,243	18,354	6,518	7,259	7,838	7,959	7,307	7,279	84,757

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	22,243	18,354	6,518	7,259	7,838	7,959	7,307	7,279	84,757
<b>Total:</b>	22,243	18,354	6,518	7,259	7,838	7,959	7,307	7,279	84,757

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	22,243	18,354	6,518	7,259	7,838	7,959	7,307	7,279	84,757
<b>Total:</b>	22,243	18,354	6,518	7,259	7,838	7,959	7,307	7,279	84,757

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Relaying Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YS7753
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces protective relays, to ensure system reliability by protecting the rest of the transmission and distribution system from potentially cascading effects if one part fails to operate properly. It upgrades relay technology, allowing remote control and documentation of system events, which enhances the detection and management of equipment problems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	36,324	4,665	5,690	4,357	4,444	4,940	5,240	5,314	70,974
<b>Total:</b>	36,324	4,665	5,690	4,357	4,444	4,940	5,240	5,314	70,974

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	36,324	4,665	5,690	4,357	4,444	4,940	5,240	5,314	70,974
<b>Total:</b>	36,324	4,665	5,690	4,357	4,444	4,940	5,240	5,314	70,974

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	36,324	4,665	5,690	4,357	4,444	4,940	5,240	5,314	70,974
<b>Total:</b>	36,324	4,665	5,690	4,357	4,444	4,940	5,240	5,314	70,974

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Replace Breakers BPA Covington and Maple Valley Substations**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YS7121
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	Kent
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	TBD
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project meets the terms of City Light's interconnection agreement with Bonneville Power Administration (BPA) by upgrading breaker capacity in two substations that are owned by BPA, but where City Light is responsible for the breakers.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	546	11	11	11	11	11	12	12	625
<b>Total:</b>	546	11	11	11	11	11	12	12	625

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	546	11	11	11	11	11	12	12	625
<b>Total:</b>	546	11	11	11	11	11	12	12	625

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	546	11	11	11	11	11	12	12	625
<b>Total:</b>	546	11	11	11	11	11	12	12	625

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.



**Safety Modifications**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9006
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project modifies City Light's facilities and provides equipment to correct imminent and critical safety hazards. The project includes upgrades and revisions to systems, equipment and operations, properties and facilities, as needed to comply with safety regulations and best practices for a safe, efficient, and secure work environment.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	3,493	2,341	1,511	1,529	1,560	1,654	377	0	12,465
<b>Total:</b>	3,493	2,341	1,511	1,529	1,560	1,654	377	0	12,465

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3,493	2,341	1,511	1,529	1,560	1,654	377	0	12,465
<b>Total:</b>	3,493	2,341	1,511	1,529	1,560	1,654	377	0	12,465

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	3,493	2,341	1,511	1,529	1,560	1,654	377	0	12,465
<b>Total:</b>	3,493	2,341	1,511	1,529	1,560	1,654	377	0	12,465

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Security Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YD9202
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program plans, designs and implements projects, improving the physical security of City Light critical facilities, in order to mitigate unauthorized access and criminal activities that could cause significant system damage, power outages, and other related disruptions to the electrical system. The project reduces the risk of sabotage, vandalism, theft, and terrorism that can result in the loss of valuable infrastructure for generation and distribution of power. The project also reduces risk of noncompliance with North American Reliability Council (NERC) 1200 Standards, adopted May 2, 2006, to improve security at critical facilities that house command and control systems. It enhances reliability of the power system in the Pacific Northwest, reduces the risk of lost revenues, and reduces the jeopardy to public safety and emergency response due to loss of lifeline services such as medical services, water and wastewater systems, communications, law enforcement, banking, transportation system, etc.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	23,052	9,553	2,337	2,604	2,720	2,810	0	0	43,076
<b>Total:</b>	23,052	9,553	2,337	2,604	2,720	2,810	0	0	43,076
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	23,052	9,553	2,337	2,604	2,720	2,810	0	0	43,076
<b>Total:</b>	23,052	9,553	2,337	2,604	2,720	2,810	0	0	43,076
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	23,052	9,553	2,337	2,604	2,720	2,810	0	0	43,076
<b>Total:</b>	23,052	9,553	2,337	2,604	2,720	2,810	0	0	43,076
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Seismic Mitigation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9134
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	Outside the City of Seattle
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds structural upgrades to buildings. This project is for miscellaneous, unidentified seismic issues other than the Georgetown Steam Plant, Service Centers and Substations, which are funded through other projects. The project protects City Light's assets, employees, customers, visitors, equipment, and materials.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	1,151	87	102	613	623	649	0	0	3,225
<b>Total:</b>	1,151	87	102	613	623	649	0	0	3,225

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,151	87	102	613	623	649	0	0	3,225
<b>Total:</b>	1,151	87	102	613	623	649	0	0	3,225

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	1,151	87	102	613	623	649	0	0	3,225
<b>Total:</b>	1,151	87	102	613	623	649	0	0	3,225

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Skagit - Relicensing**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XS6986
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	Newhalem Creek Rd, Marblemount, WA 98267
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Outside Seattle City

This ongoing project provides support of the relicensing activities for the Skagit River Hydroelectric Project including support of staff, environmental studies, documentation, and consultation needed to submit an application to relicense the project. Relicensing work will begin in 2019. The current Federal Energy Regulatory Commission (FERC) license for the Skagit Project expires in 2025, and the license application is due for submission to FERC in May 2023.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	148	1,044	6,448	6,057	13,858	26,723	4,207	0	58,485
<b>Total:</b>	148	1,044	6,448	6,057	13,858	26,723	4,207	0	58,485

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	148	1,044	6,448	6,057	13,858	26,723	4,207	0	58,485
<b>Total:</b>	148	1,044	6,448	6,057	13,858	26,723	4,207	0	58,485

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	148	1,044	6,448	6,057	13,858	26,723	4,207	0	58,485
<b>Total:</b>	148	1,044	6,448	6,057	13,858	26,723	4,207	0	58,485

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Skagit Facility - Minor Improvements Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XS6405
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides financial coverage for emergent capital projects related to all Skagit Facilities, which are by definition, unforeseeable, unscheduled, unpredictable, and occur on a first-come, first serve basis. In addition, it funds scheduled, small capital projects that have cost estimates less than \$25,000.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	24,563	2,563	1,608	806	1,073	2,750	4,808	10,016	48,187
<b>Total:</b>	24,563	2,563	1,608	806	1,073	2,750	4,808	10,016	48,187

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	24,563	2,563	1,608	806	1,073	2,750	4,808	10,016	48,187
<b>Total:</b>	24,563	2,563	1,608	806	1,073	2,750	4,808	10,016	48,187

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	24,563	3,063	1,608	806	1,073	2,750	4,808	10,016	48,687
<b>Total:</b>	24,563	3,063	1,608	806	1,073	2,750	4,808	10,016	48,687

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Skagit Licensing Mitigation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XS6991
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	500 Newhalem Creek Rd
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project enhances and protects wildlife habitat on utility owned land in the Upper Skagit River and South Fork Nooksack River valleys to meet the obligations outlined in City Light's 1995 Skagit license. It includes land acquisition, restoration, and management.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	3,304	557	593	126	88	84	85	133	4,970
<b>Total:</b>	3,304	557	593	126	88	84	85	133	4,970

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3,304	557	593	126	88	84	85	133	4,970
<b>Total:</b>	3,304	557	593	126	88	84	85	133	4,970

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	3,304	557	593	126	88	84	85	133	4,970
<b>Total:</b>	3,304	557	593	126	88	84	85	133	4,970

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Small Overhead and Underground Services**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZS8367
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides small size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of less than 50 KVA and 26 kV radial services. Most of this related work is billable to the customer. The project allows Seattle City Light to provide service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community-focused organization.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	67,076	6,312	5,591	5,064	5,390	5,935	6,725	7,254	109,347
<b>Total:</b>	67,076	6,312	5,591	5,064	5,390	5,935	6,725	7,254	109,347

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	67,076	6,312	5,591	5,064	5,390	5,935	6,725	7,254	109,347
<b>Total:</b>	67,076	6,312	5,591	5,064	5,390	5,935	6,725	7,254	109,347

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	67,076	6,312	5,591	5,064	5,390	5,935	6,725	7,254	109,347
<b>Total:</b>	67,076	6,312	5,591	5,064	5,390	5,935	6,725	7,254	109,347

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Sound Transit 3 - City Light**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZT8467
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project funds the engineering and construction of relocated and/or new Seattle City Light facilities required for two new light rail lines and related transit facilities from downtown Seattle to Ballard and West Seattle, approved in November 2017 as part of the Sound Transit 3 initiative. City Light activities include engineering and construction of electric power feeder relocations and upgrades, power services for the planned light rail lines, and various other tasks. Sound Transit’s plans will require City Light work through several future budget cycles.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	350	350	350	600	600	600	2,850
<b>Total:</b>	0	0	350	350	350	600	600	600	2,850

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	350	350	350	600	600	600	2,850
<b>Total:</b>	0	0	350	350	350	600	600	600	2,850

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	350	350	350	600	600	600	2,850
<b>Total:</b>	0	0	350	350	350	600	600	600	2,850

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Special Work Equipment - Generation Plant**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XP6102
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	Outside the City of Seattle
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides for the purchase of machinery and tools, and special work equipment to be used for operations activities of the Generation Branch, which include all the utility's generating sites, to ensure timely and efficient maintenance of generation facilities. Purchases are based on a five-year plan to ensure updates for technological improvements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	7,584	1,280	1,331	1,331	922	922	0	0	13,370
<b>Total:</b>	7,584	1,280	1,331	1,331	922	922	0	0	13,370

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	7,584	1,280	1,331	1,331	922	922	0	0	13,370
<b>Total:</b>	7,584	1,280	1,331	1,331	922	922	0	0	13,370

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	7,584	1,280	1,331	1,331	922	922	0	0	13,370
<b>Total:</b>	7,584	1,280	1,331	1,331	922	922	0	0	13,370

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Special Work Equipment - Other Plant**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YD9102
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides new tools and work equipment to replace old or broken tools for all individual City Light units, except those required at the generation plants or substations, which have their own capital projects for special work equipment. The project ensures that field crews and other employees can accomplish their work assignments. The project supports the Department's goals of safety, productivity and employee morale.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	9,052	1,259	1,102	1,126	1,138	1,150	1,163	1,074	17,064
<b>Total:</b>	9,052	1,259	1,102	1,126	1,138	1,150	1,163	1,074	17,064

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	9,052	1,259	1,102	1,126	1,138	1,150	1,163	1,074	17,064
<b>Total:</b>	9,052	1,259	1,102	1,126	1,138	1,150	1,163	1,074	17,064

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	9,052	1,859	1,102	1,126	1,138	1,150	1,163	1,074	17,664
<b>Total:</b>	9,052	1,859	1,102	1,126	1,138	1,150	1,163	1,074	17,664

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Special Work Equipment - Shops**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF8389
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides new tools and work equipment to replace outdated equipment and testing software that is no longer supported. The project updates technical systems to current standards and provides the tools to ensure that City Light transformers are safe and will last up to and beyond the average life span for this equipment.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	1,466	517	293	293	293	293	0	0	3,155
<b>Total:</b>	1,466	517	293	293	293	293	0	0	3,155

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,466	517	293	293	293	293	0	0	3,155
<b>Total:</b>	1,466	517	293	293	293	293	0	0	3,155

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	1,466	517	293	293	293	293	0	0	3,155
<b>Total:</b>	1,466	517	293	293	293	293	0	0	3,155

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Special Work Equipment - Tech Metering**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YN8485
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides new work equipment to replace old or broken tools (that cost more than \$5000) for Tech Metering. The project supports the Department's goals of safety, productivity and employee morale.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	102	100	200	100	100	202	0	804
<b>Total:</b>	0	102	100	200	100	100	202	0	804

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	102	100	200	100	100	202	0	804
<b>Total:</b>	0	102	100	200	100	100	202	0	804

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	102	100	200	100	100	202	0	804
<b>Total:</b>	0	102	100	200	100	100	202	0	804

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Streetlight Infrastructure Replacement**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZL8460
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project will replace 1,603, or 33 percent, of the highest priority streetlights and related underground infrastructure identified in the Streetlight Horizon Plan over the six-year planning horizon. Streetlight infrastructure that will be replaced includes poles, fixtures, conduits, hand holes, and wiring. Emphasis will be placed on standardization of fixtures, construction materials, and construction methods. This project will provide the engineering resources needed to prioritize replacements, develop estimates, and manage and track construction.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	9,800	3,651	89	0	0	0	0	0	13,540
<b>Total:</b>	9,800	3,651	89	0	0	0	0	0	13,540

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	9,800	3,651	89	0	0	0	0	0	13,540
<b>Total:</b>	9,800	3,651	89	0	0	0	0	0	13,540

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	9,800	3,651	89	0	0	0	0	0	13,540
<b>Total:</b>	9,800	3,651	89	0	0	0	0	0	13,540

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Streetlight LED Conversion Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZL8441
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project upgrades streetlights with LED fixtures, which will reduce annual energy consumption by 40% (for those lights replaced), provide Greenhouse Gas avoidance of 5,446 metric tons of carbon per year, and reduce maintenance cost of the Utility's streetlight system. With a total system conversion, it is estimated that annual operating costs will be reduced \$3.7 Million per year. The savings in energy and maintenance costs will pay for the initial investment within the life of the new system.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	34,068	7,821	2,672	6,411	6,436	5,913	3,862	3,970	71,153
<b>Total:</b>	34,068	7,821	2,672	6,411	6,436	5,913	3,862	3,970	71,153

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	34,068	7,821	2,672	6,411	6,436	5,913	3,862	3,970	71,153
<b>Total:</b>	34,068	7,821	2,672	6,411	6,436	5,913	3,862	3,970	71,153

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	34,068	7,821	2,672	6,411	6,436	5,913	3,862	3,970	71,153
<b>Total:</b>	34,068	7,821	2,672	6,411	6,436	5,913	3,862	3,970	71,153

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Streetlights: Arterial, Residential and Floodlights**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZL8378
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides street lighting as requested by various taxing jurisdictions and other customers. Streetlights and floodlights are provided in public right of way, and on private property, for either public or private benefit.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	29,593	4,489	5,749	4,103	5,191	7,245	4,891	4,466	65,727
<b>Total:</b>	29,593	4,489	5,749	4,103	5,191	7,245	4,891	4,466	65,727

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	29,593	4,489	5,749	4,103	5,191	7,245	4,891	4,466	65,727
<b>Total:</b>	29,593	4,489	5,749	4,103	5,191	7,245	4,891	4,466	65,727

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	29,593	4,089	5,749	4,103	5,191	7,245	4,891	4,466	65,327
<b>Total:</b>	29,593	4,089	5,749	4,103	5,191	7,245	4,891	4,466	65,327

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Substation Automation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YS8424
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces and upgrades substation automation systems, including Remote Terminal Units (RTU) and annunciators, in each of City Light's substations. The project reduces the likelihood and length of system outages due to failure as the current equipment is wearing out and cannot be replaced in kind because the equipment is no longer manufactured. The project also enhances energy efficiency, and reduces the probability of fines from appropriate governing bodies if loss of a substation, due to equipment failure, causes instability of the western interconnection grid and/or loss of load.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	7,523	1,561	1,608	1,510	1,436	1,305	1,383	1,404	17,730
<b>Total:</b>	7,523	1,561	1,608	1,510	1,436	1,305	1,383	1,404	17,730

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	7,523	1,561	1,608	1,510	1,436	1,305	1,383	1,404	17,730
<b>Total:</b>	7,523	1,561	1,608	1,510	1,436	1,305	1,383	1,404	17,730

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	7,523	1,561	1,608	1,510	1,436	1,305	1,383	1,404	17,730
<b>Total:</b>	7,523	1,561	1,608	1,510	1,436	1,305	1,383	1,404	17,730

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Substation Breaker Replacements and Reliability Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YS7779
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds the review of City Light's inventory of approximately 400 transmission and distribution voltage circuit breakers. It determines which have the greatest wear, gas or oil leaks, maintenance cost, service stress, and fault interrupting history. It replaces those circuit breakers with the highest failure risk.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	38,174	5,211	5,916	7,718	8,820	9,256	7,512	8,407	91,014
<b>Total:</b>	38,174	5,211	5,916	7,718	8,820	9,256	7,512	8,407	91,014

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	38,174	5,211	5,916	7,718	8,820	9,256	7,512	8,407	91,014
<b>Total:</b>	38,174	5,211	5,916	7,718	8,820	9,256	7,512	8,407	91,014

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	38,174	5,211	5,916	7,718	8,820	9,256	7,512	8,407	91,014
<b>Total:</b>	38,174	5,211	5,916	7,718	8,820	9,256	7,512	8,407	91,014

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Substation Capacity Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YS7751
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project adds new infrastructure to existing substations and systems, adds capacity to existing substations to meet increasing load demands, and enhances safety, reliability, and efficiency in the transmission of power from the substations to the distribution system.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	10,115	2,115	2,174	2,427	2,197	2,143	2,921	2,310	26,402
<b>Total:</b>	10,115	2,115	2,174	2,427	2,197	2,143	2,921	2,310	26,402

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	10,115	2,115	2,174	2,427	2,197	2,143	2,921	2,310	26,402
<b>Total:</b>	10,115	2,115	2,174	2,427	2,197	2,143	2,921	2,310	26,402

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	10,115	2,115	2,174	2,427	2,197	2,143	2,921	2,310	26,402
<b>Total:</b>	10,115	2,115	2,174	2,427	2,197	2,143	2,921	2,310	26,402

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Substation Comprehensive Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9161
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds substation improvements identified in City Light's Comprehensive Facilities Plan, seismic fitness reports, and periodic inspections targeting transmission and distribution buildings. The project implements items necessary to support assigned personnel, such as lunchroom and locker room facilities required by the union contracts, as well as structural and mechanical corrections and enhancements at substation facilities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	1,980	307	262	275	280	0	0	0	3,104
<b>Total:</b>	1,980	307	262	275	280	0	0	0	3,104

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,980	307	262	275	280	0	0	0	3,104
<b>Total:</b>	1,980	307	262	275	280	0	0	0	3,104

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	1,980	307	262	275	280	0	0	0	3,104
<b>Total:</b>	1,980	307	262	275	280	0	0	0	3,104

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Substation Equipment Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YS7752
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project adds, replaces and upgrades substation equipment, particularly the substation electrical and control equipment. The project maintains or improves system reliability, permits compliance with high voltage and environmental regulations, and ensures safe work sites. The project allows remote control and monitoring of substation equipment from the System Control Center, which facilitates faster response time to correct system instability or outages.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	45,134	6,573	6,844	5,275	6,383	6,059	6,578	7,194	90,040
<b>Total:</b>	45,134	6,573	6,844	5,275	6,383	6,059	6,578	7,194	90,040

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	45,134	6,573	6,844	5,275	6,383	6,059	6,578	7,194	90,040
<b>Total:</b>	45,134	6,573	6,844	5,275	6,383	6,059	6,578	7,194	90,040

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	45,134	6,573	6,844	5,275	6,383	6,059	6,578	7,194	90,040
<b>Total:</b>	45,134	6,573	6,844	5,275	6,383	6,059	6,578	7,194	90,040

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Substation Plant Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YS7750
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project upgrades and retrofits substation buildings, their facilities and systems, and related structures. The project includes environmental improvements, and removal and replacement of outdated utilities and structures. The project provides station security, safe working conditions, and improvements in related services, such as water, sewer, and lighting.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	5,809	2,146	2,050	1,933	1,275	1,446	1,351	1,495	17,505
<b>Total:</b>	5,809	2,146	2,050	1,933	1,275	1,446	1,351	1,495	17,505

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,809	2,146	2,050	1,933	1,275	1,446	1,351	1,495	17,505
<b>Total:</b>	5,809	2,146	2,050	1,933	1,275	1,446	1,351	1,495	17,505

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	5,809	2,146	2,050	1,933	1,275	1,446	1,351	1,495	17,505
<b>Total:</b>	5,809	2,146	2,050	1,933	1,275	1,446	1,351	1,495	17,505

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Substation Transformer Replacements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YS7776
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	2136 N 163rd St, Shoreline
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds the review of power transformers at substations and determines dissolved gas concentration, insulation aging, oil leaks, maintenance cost, service stress, and fault interrupting history. The project replaces transformers with the highest failure risk, or those presenting substation capacity limits. The project enhances system reliability by replacing aging substation transformers before they fail in service.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	8,599	4,733	4,917	4,540	4,938	5,025	2,089	3,049	37,890
<b>Total:</b>	8,599	4,733	4,917	4,540	4,938	5,025	2,089	3,049	37,890

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	8,599	4,733	4,917	4,540	4,938	5,025	2,089	3,049	37,890
<b>Total:</b>	8,599	4,733	4,917	4,540	4,938	5,025	2,089	3,049	37,890

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	8,599	4,733	4,917	4,540	4,938	5,025	2,089	3,049	37,890
<b>Total:</b>	8,599	4,733	4,917	4,540	4,938	5,025	2,089	3,049	37,890

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Substations Demand Driven Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YS7755
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project enables City Light to perform cooperative work on shared lines and systems that other electrical utilities in the region periodically ask City Light to do.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	525	5	5	5	6	6	6	6	564
<b>Total:</b>	525	5	5	5	6	6	6	6	564

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	525	5	5	5	6	6	6	6	564
<b>Total:</b>	525	5	5	5	6	6	6	6	564

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	525	5	5	5	6	6	6	6	564
<b>Total:</b>	525	5	5	5	6	6	6	6	564

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Substations Oil Containment**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YS7783
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project brings City Light's Power Substations into compliance with the federal Clean Water Act. By federal law, owners or operators of oil containing equipment, such as our substation transformers, must provide facilities that will prevent spilled oil from reaching any streams or open bodies of water.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	23	341	327	334	221	578	390	399	2,613
<b>Total:</b>	23	341	327	334	221	578	390	399	2,613

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	23	341	327	334	221	578	390	399	2,613
<b>Total:</b>	23	341	327	334	221	578	390	399	2,613

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	23	341	327	334	221	578	390	399	2,613
<b>Total:</b>	23	341	327	334	221	578	390	399	2,613

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.



**Transmission & Generation Radio Systems**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YD9108
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project builds or replaces communications infrastructure consisting of fiber optic rings, digital microwave, telephone networks, and two-way radio systems. This project provides City Light with command and control capabilities for the operation of the electrical system. This project ensures the safe, reliable, and efficient operation of the system and positions City Light to meet the Federal Energy Regulatory Commission's vital communications systems requirements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	8,943	1,440	846	1,023	949	964	1,194	1,000	16,359
<b>Total:</b>	8,943	1,440	846	1,023	949	964	1,194	1,000	16,359

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	8,943	1,440	846	1,023	949	964	1,194	1,000	16,359
<b>Total:</b>	8,943	1,440	846	1,023	949	964	1,194	1,000	16,359

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	8,943	1,440	846	1,023	949	964	1,194	1,000	16,359
<b>Total:</b>	8,943	1,440	846	1,023	949	964	1,194	1,000	16,359

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2019 - 2024 Proposed Capital Improvement Program**

**Transmission Capacity**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YT7011
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project upgrades transmission lines, builds new lines, relocates lines, and provides for other system needs related to the transmission system. The project enhances City Light's transmission capacity, which is the available power capacity to meet the load on the transmission system.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	5,209	26	23	24	24	25	41	14	5,386
<b>Total:</b>	5,209	26	23	24	24	25	41	14	5,386

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,209	26	23	24	24	25	41	14	5,386
<b>Total:</b>	5,209	26	23	24	24	25	41	14	5,386

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	5,209	26	23	24	24	25	41	14	5,386
<b>Total:</b>	5,209	26	23	24	24	25	41	14	5,386

		2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

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**2019 - 2024 Proposed Capital Improvement Program**

**Transmission Inter-Agency**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YT7105
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides demand-driven improvements to City Light's transmission system, including reimbursable transmission work and relocations of transmission equipment to meet customer, other utility, agency, and regulatory requirements. It permits Seattle City Light to meet its duties to relocate facilities at the request of other agencies.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	2,525	668	593	620	615	582	621	609	6,833
<b>Total:</b>	2,525	668	593	620	615	582	621	609	6,833

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,525	668	593	620	615	582	621	609	6,833
<b>Total:</b>	2,525	668	593	620	615	582	621	609	6,833

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	2,525	668	593	620	615	582	621	609	6,833
<b>Total:</b>	2,525	668	593	620	615	582	621	609	6,833

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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**2019 - 2024 Proposed Capital Improvement Program**

**Transmission Reliability**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YT7104
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces the worst one percent of City Light's transmission structures and conductors each year. This project also provides engineering, construction, and related work; improving and maintaining the reliability of the overhead or underground transmission system.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	24,888	4,188	3,871	2,925	2,268	3,818	5,249	3,948	51,155
<b>Total:</b>	24,888	4,188	3,871	2,925	2,268	3,818	5,249	3,948	51,155

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	24,888	4,188	3,871	2,925	2,268	3,818	5,249	3,948	51,155
<b>Total:</b>	24,888	4,188	3,871	2,925	2,268	3,818	5,249	3,948	51,155

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	24,888	4,438	3,871	2,925	2,268	3,818	5,249	3,948	51,405
<b>Total:</b>	24,888	4,438	3,871	2,925	2,268	3,818	5,249	3,948	51,405

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Transportation Streetlights**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZL8377
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project relocates Seattle City Light owned streetlights as required by City of Seattle transportation projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	13,522	4,846	4,186	7,087	7,079	7,813	6,521	6,677	57,731
<b>Total:</b>	13,522	4,846	4,186	7,087	7,079	7,813	6,521	6,677	57,731

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	13,522	4,846	4,186	7,087	7,079	7,813	6,521	6,677	57,731
<b>Total:</b>	13,522	4,846	4,186	7,087	7,079	7,813	6,521	6,677	57,731

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	13,522	4,846	4,186	7,087	7,079	7,813	6,521	6,677	57,731
<b>Total:</b>	13,522	4,846	4,186	7,087	7,079	7,813	6,521	6,677	57,731

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Underground 26kV Conversion**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR8362
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces the 4 kV electrical equipment remaining in the electrical distribution system with new, efficient and reliable 26 kV distribution equipment. This project increases capacity to deliver power to City Light customers, rebuilds and maintains the backbone of the system, saves energy by reducing transformer and line losses, improves quality and reliability of service to customers, and releases unit substation properties for better neighborhood uses.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	7,464	881	4,863	2,509	2,718	4,032	2,967	2,966	28,400
<b>Total:</b>	7,464	881	4,863	2,509	2,718	4,032	2,967	2,966	28,400

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	7,464	881	4,863	2,509	2,718	4,032	2,967	2,966	28,400
<b>Total:</b>	7,464	881	4,863	2,509	2,718	4,032	2,967	2,966	28,400

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	7,464	881	4,863	2,509	2,718	4,032	2,967	2,966	28,400
<b>Total:</b>	7,464	881	4,863	2,509	2,718	4,032	2,967	2,966	28,400

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Underground Customer Driven Capacity Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR8360
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old underground line segments, and may replace rotten and damaged poles in the distribution system that have underground facilities beneath them. This work is driven by specific customer projects, for their direct benefit, to identify and upgrade feeders that are impacted before the new load from those projects comes online. City Light is reimbursed by the customers for this work.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	38,634	2,995	2,981	5,331	4,552	6,814	3,946	4,058	69,311
<b>Total:</b>	38,634	2,995	2,981	5,331	4,552	6,814	3,946	4,058	69,311

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	38,634	2,995	2,981	5,331	4,552	6,814	3,946	4,058	69,311
<b>Total:</b>	38,634	2,995	2,981	5,331	4,552	6,814	3,946	4,058	69,311

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	38,634	2,995	2,981	5,331	4,552	6,814	3,946	4,058	69,311
<b>Total:</b>	38,634	2,995	2,981	5,331	4,552	6,814	3,946	4,058	69,311

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Underground Equipment Replacements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR8353
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces and improves underground electrical system equipment that is failing or approaching the end of its useful life. This project enhances distribution system reliability, avoiding unplanned outages or interruption of service due to equipment failure.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	51,817	10,472	15,386	17,584	23,788	31,861	46,223	48,324	245,455
<b>Total:</b>	51,817	10,472	15,386	17,584	23,788	31,861	46,223	48,324	245,455

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	51,817	10,472	15,386	17,584	23,788	31,861	46,223	48,324	245,455
<b>Total:</b>	51,817	10,472	15,386	17,584	23,788	31,861	46,223	48,324	245,455

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	51,817	10,472	15,386	17,584	23,788	31,861	46,223	48,324	245,455
<b>Total:</b>	51,817	10,472	15,386	17,584	23,788	31,861	46,223	48,324	245,455

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Underground Outage Replacements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-ZS8352
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Z
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Customer Focused
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project supports the capitalized portion of work resulting from unplanned, non-emergency, underground outages. These outages result from events, such as storms, accidents, and equipment failures. The project funds permanent storm repairs, and construction of new infrastructure to bypass failing equipment.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	19,421	612	475	1,994	2,071	1,748	1,776	1,813	29,910
<b>Total:</b>	19,421	612	475	1,994	2,071	1,748	1,776	1,813	29,910

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	19,421	612	475	1,994	2,071	1,748	1,776	1,813	29,910
<b>Total:</b>	19,421	612	475	1,994	2,071	1,748	1,776	1,813	29,910

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	19,421	612	475	1,994	2,071	1,748	1,776	1,813	29,910
<b>Total:</b>	19,421	612	475	1,994	2,071	1,748	1,776	1,813	29,910

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Underground System Capacity Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR8361
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old underground lines, and may replace rotten and damaged poles in the distribution system with underground facilities beneath them. This work identifies and upgrades the feeders that are impacted by increased loads, as needed, before those load increases come online. City Light customers pay for a portion of this work.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	40,015	2,953	2,913	2,783	4,900	4,123	4,043	4,140	65,870
<b>Total:</b>	40,015	2,953	2,913	2,783	4,900	4,123	4,043	4,140	65,870

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	40,015	2,953	2,913	2,783	4,900	4,123	4,043	4,140	65,870
<b>Total:</b>	40,015	2,953	2,913	2,783	4,900	4,123	4,043	4,140	65,870

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	40,015	2,953	2,913	2,783	4,900	4,123	4,043	4,140	65,870
<b>Total:</b>	40,015	2,953	2,913	2,783	4,900	4,123	4,043	4,140	65,870

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Union Street Substation Networks**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YN8201
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	1312 Western AV
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This ongoing project increases the Union Street Substation network capacity to provide sufficient and reliable electrical capacity for the growing power needs of our customers. It funds a programmatic approach for the comprehensive management of underground network assets serving customers in the area bounded by Yesler Street, Alaskan Way, Pike Street, 6th Avenue, Union Street, the Freeway, University Street, 3rd Avenue, and the Waterfront area from Denny to Yesler.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	16,185	1,290	2,558	2,589	2,898	2,859	2,881	2,958	34,218
<b>Total:</b>	16,185	1,290	2,558	2,589	2,898	2,859	2,881	2,958	34,218

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	16,185	1,290	2,558	2,589	2,898	2,859	2,881	2,958	34,218
<b>Total:</b>	16,185	1,290	2,558	2,589	2,898	2,859	2,881	2,958	34,218

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	16,185	1,290	2,558	2,589	2,898	2,859	2,881	2,958	34,218
<b>Total:</b>	16,185	1,290	2,558	2,589	2,898	2,859	2,881	2,958	34,218

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2019 - 2024 Proposed Capital Improvement Program**

**University of Washington Capacity Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR8466
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	Northeast	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	University District

This project builds the infrastructure needed to serve the electrical needs of the University of Washington's campus expansion. This includes engineering design and construction work to build feeder and substation infrastructure to serve 15 MW of new load in the University campus.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	2,000	10,500	12,000	12,000	10,000	46,500
<b>Total:</b>	0	0	0	2,000	10,500	12,000	12,000	10,000	46,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	2,000	10,500	12,000	12,000	10,000	46,500
<b>Total:</b>	0	0	0	2,000	10,500	12,000	12,000	10,000	46,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	2,000	10,500	12,000	12,000	10,000	46,500
<b>Total:</b>	0	0	0	2,000	10,500	12,000	12,000	10,000	46,500

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2019 - 2024 Proposed Capital Improvement Program**

**University Substation - Network**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YN8464
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	645 NW 45Th
<b>Neighborhood District:</b>	Northeast	<b>Council District:</b>	4
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	University District

This ongoing project funds a programmatic approach for comprehensive management of underground network assets serving customers in the University area. This project funds annual work required, such as feeder balancing, engineering analysis to determine system feeder assignments for new services, and replacement of cables that fail while in service. It reduces the probability of cable failures and long costly customer outages.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	3,813	438	391	474	489	498	500	508	7,111
<b>Total:</b>	3,813	438	391	474	489	498	500	508	7,111

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3,813	438	391	474	489	498	500	508	7,111
<b>Total:</b>	3,813	438	391	474	489	498	500	508	7,111

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	3,813	438	391	474	489	498	500	508	7,111
<b>Total:</b>	3,813	438	391	474	489	498	500	508	7,111

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Vista Switch Automation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-YR8483
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-Y
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Transmission and Distribution
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project funds the installation and maintenance of supervisory controls and System Control Center communication infrastructure upgrades for existing Vista Switches, which will increase safety measures for crew that work on distribution Vista switches. Updating vista switches for Supervisory Control and Data Acquisition (SCADA) remote control or distribution automation will allow operating switches remotely and eliminate the cost of dispatching a crew to perform work.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	0	401	390	390	390	391	391	392	2,745
<b>Total:</b>	0	401	390	390	390	391	391	392	2,745

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	401	390	390	390	391	391	392	2,745
<b>Total:</b>	0	401	390	390	390	391	391	392	2,745

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	0	401	390	390	390	391	391	392	2,745
<b>Total:</b>	0	401	390	390	390	391	391	392	2,745

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**Workplace and Process Improvement**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-CL-XF9159
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-CL-X
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Power Supply & Environ Affairs
		<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds alterations that preserve workplace efficiency. The project focuses on adapting exterior work spaces and interior building elements to support business process improvements for occupant work groups. Interior systems improvements could include flooring replacements, interior remodeling, computer network cabling upgrades, uninterruptible power systems and computer flooring. Exterior system improvements could include fencing, security systems, paving and striping, and exterior building components.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
City Light Fund Revenues	6,308	2,645	2,127	2,096	2,498	2,628	0	0	18,302
<b>Total:</b>	6,308	2,645	2,127	2,096	2,498	2,628	0	0	18,302

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	6,308	2,645	2,127	2,096	2,498	2,628	0	0	18,302
<b>Total:</b>	6,308	2,645	2,127	2,096	2,498	2,628	0	0	18,302

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
City Light Fund	6,308	2,645	2,127	2,096	2,498	2,628	0	0	18,302
<b>Total:</b>	6,308	2,645	2,127	2,096	2,498	2,628	0	0	18,302

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**





# **Seattle Public Utilities**

## **Drainage and Wastewater**



## Seattle Public Utilities – Drainage and Wastewater

### Overview

Seattle Public Utilities (SPU) maintains the network of sewer and drainage systems throughout the City of Seattle. These systems include approximately:

- 448 miles of sanitary sewers
- 968 miles of combined sewers
- 68 Pump Stations
- 5.5 miles of wastewater force mains
- 87 City-owned and permitted Combined Sewer Overflow points
- 38 Combined Sewer Overflow control detention tanks/pipes
- 481 miles of storm drains / 290 storm drain outfalls
- 33,750 catch basins
- 65 miles of ditches, 128 miles of culverts
- 30 miles of stream channel (49 creeks, 6 of which are salmon bearing)
- 9 acres of green stormwater infrastructure
- 27 detention/treatment ponds
- 153 flow control facilities
- 202 water quality structures

The Drainage and Wastewater Fund (DWF) Capital Improvement Program (CIP) is the vehicle for rehabilitating, replacing, improving, and expanding this infrastructure, as well as constructing projects that protect, conserve, and enhance our region's environmental resources. Planned spending in the DWF CIP is approximately \$1.45 billion over the next six years, from 2019 to 2024.

### Thematic Priorities/Project Selection Criteria

The goal of the DWF CIP is to construct facilities that reduce the frequency of flooding and sewer backups for customers and improve water quality and habitat in the environment by reducing sewage overflows and the impacts of stormwater pollution. Projects in the DWF CIP are guided by various Federal regulations, City policies, long-term plan documents, and the SPU Asset Management Committee (AMC) benefit criteria. Many DWF CIP projects are outlined in the Wastewater System Plan, the Comprehensive Drainage Plan, and the Plan to Protect Seattle's Waterways. In addition to candidate capital projects identified from these planning documents (e.g., comprehensive plans, program plans), projects are identified from external projects and opportunities, and emergencies or other unexpected events. All potential capital projects are prioritized for consideration into the CIP budget. Priority rankings are based on the following set of criteria:

- **Public Health, Safety & Environment:** The overriding priority for the DWF is maintaining public health and safety. The importance of this project in providing or improving services to customers and decreasing our impact on the environment. Examples of highly ranked projects in this category include the South Park Pump Station, Localized Flood Control program, Sanitary Sewer Overflow Capacity program, South Park Water Quality Facility, and NDS Partnering.
- **Infrastructure Reliability & Risk:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the Pipe Rehabilitation and Pump Station improvement programs.
- **Regulatory, Mandates, Legal Agreements:** The City of Seattle/SPU must meet State and Federal regulatory requirements to comply with the Clean Water Act (CWA) and the Consent Decree

## Seattle Public Utilities – Drainage and Wastewater

that was entered in court on July 3, 2013, between the City, the U.S. Environmental Protection Agency (EPA), and the U.S. Department of Justice (DOJ). The two most significant regulatory drivers associated with the CWA are the National Pollutant Discharge Elimination System (NPDES) Waste Discharge Permit (aka NPDES CSO Permit) and the NPDES Phase I Municipal Stormwater Permit (aka NPDES MS4 Permit). This ranking category considers the degree to which the project is driven by Federal, State, and local laws, permit and regulatory requirements, and consent decrees; as well as by legal agreements with public and private parties and the specific mandates of the City Council and Mayor. Examples of highly ranked projects in this category include the Ship Canal Water Quality Project, CSO Retrofits, South Park Water Quality Facility, and NDS Partnering.

- **External Drivers and Opportunities:** SPU’s responsiveness to, or engagement with, the projects of other departments or jurisdictions, or opportunities to provide multiple benefits, address service equity, or reduce ratepayer costs through outside funding opportunities. Examples of highly ranked projects in this category include the Move Seattle Levy projects.

**Every project is rated against each criterion.** Criteria ratings are then considered in determining an overall project priority ranking, using expert judgment (rather than a formula.) Priority rankings for the CIP are determined by the leads for each line of business, with reviews by key internal stakeholders. Project priority rankings are used to clarify and document which projects are most important and why, to help determine which projects at the margin will be included, excluded or deferred from the CIP, and which projects should receive priority attention if a staff or financial resource constraint should arise.

To aid SPU in making responsible decisions on behalf of ratepayers prioritized projects must then be justified through a business case process that establishes that a problem or opportunity is timely and important and that the proposed solution is superior to alternatives based on a triple bottom line analysis (economic, environmental, and social) of life-cycle benefits and costs. The process also recognizes that a project may be a “must do” project (e.g. required by regulations). Business cases must be approved by the SPU General Manager and Asset Management Committee.

### **DWF Priorities that are also Mayor/Council Priorities**

Improvements to DWF infrastructure result in safer communities, a healthier environment, and regulatory compliance which are goals inherent within the Mayor’s key values (safe, affordable, vibrant and interconnected City that fosters innovation).

- **Aligning Capital Investments with Community Planning.** SPU has aligned planning for the South Park Water Quality Facility with the Office of Planning and Community Development’s Open Space planning in the South Park Urban Village area.
- **Aligning Capital Investments with Transportation Department’s modal plan.** SPU has several projects to facilitate citywide interconnectivity efforts.
  - Primary investments are around supporting transportation led projects as part of the Move Seattle Levy, described below within the shared costs projects BCL.
  - SPU is also leading a joint SPU/Seattle Department of Transportation (SDOT) project in the South Park industrial area providing long desired Drainage Conveyance and Roadway infrastructure.
  - The NDS Program, described below, collaborated with SDOT and has identified numerous joint sidewalk/bioretenion project locations.

## Seattle Public Utilities – Drainage and Wastewater

- **Expand use of Green Stormwater Infrastructure (GSI)** has been identified by Mayor and the City Council as a priority. Projects that will help achieve the Citywide stretch goal to manage 400 million gallons of stormwater annually with GSI by 2020, include the following:
  - The Capitol Hill Water Quality Facility is a cost efficient public private partnership project that innovatively approaches water quality by treating large volumes of water while also providing green space in a dense urban neighborhood.
  - The Natural Drainage Systems (NDS) Partnering program will use bioretention to reduce storm water pollution in creeks and to improve neighborhoods. The NDS Partnering Program will build natural drainage systems along approximately 66 blocks (330’ block equivalents) in the Longfellow, Thornton, and Pipers Creek watersheds. The first of these projects will be 30th Ave NE, with construction led by SDOT starting in 2018.
  - GSI in Urban Villages Program. SPU and Council created the GSI in Urban Villages Program to complement proposed up zones through HALA, as well as the City’s overall growth strategy. This new program has flexibility to address a variety of system problems within urban villages and urban centers, including flooding, sewer backups, water quality, and creek protection.

### CIP Highlights

**2019-2024 Proposed Drainage and Wastewater Fund CIP by BCL**  
(In ‘000s; total may not sum due to rounding)

BCL	2019	2020	2021	2022	2023	2024	Total
<b>Protection of Beneficial Uses</b>	15,565	25,835	34,581	18,484	17,092	13,867	<b>125,425</b>
<b>Sediments</b>	3,636	4,202	4,899	12,722	18,286	19,286	<b>63,032</b>
<b>Combined Sewer Overflows</b>	71,316	138,591	195,998	120,931	59,799	57,443	<b>644,076</b>
<b>Rehabilitation and Heavy Equipment</b>	45,274	36,496	26,164	25,520	25,500	30,000	<b>188,955</b>
<b>Flooding, Sewer Backups, and Landslides</b>	16,030	42,734	28,687	22,076	23,354	50,900	<b>183,782</b>
<b>Shared Cost Projects</b>	77,651	58,124	33,333	18,104	11,515	16,777	<b>215,504</b>
<b>Technology</b>	5,257	4,951	4,837	4,299	4,299	4,299	<b>27,942</b>
<b>Total</b>	<b>234,730</b>	<b>310,934</b>	<b>328,499</b>	<b>222,136</b>	<b>159,845</b>	<b>192,572</b>	<b>1,448,716</b>

**Protection of Beneficial Uses:** This program makes improvements to the City’s drainage system to reduce the harmful effects of stormwater runoff on creeks and receiving water bodies and preserve the storm water conveyance function of our creeks through stream culvert repair and rehabilitation. The program includes projects to meet regulatory requirements, primarily NDS Partnering Projects (a key component of Seattle’s Plan to Protect Seattle’s Waterways) which improves water quality with GSI

## Seattle Public Utilities – Drainage and Wastewater

approaches while partnering with SDOT to provide streetscape enhancements. Funding in the DWF CIP is focused on cost effective stormwater and water quality projects such as NDS Partnering Projects Capitol Hill Water Quality project, and the Taylor Creek Culvert Replacement project.

**Sediments:** The City of Seattle is a Potentially Responsible Party (PRP) for cleanup liabilities for contaminated sediments at the Lower Duwamish Waterway Superfund Site, the Harbor Island Superfund Site, and Gas Works Park because of alleged contributions from Combined Sewer Overflows (CSO) and storm drain discharges. The City continues to work with EPA, the Washington State Department of Ecology, King County, and other PRPs on an assessment of contaminants and sources. The Sediments program provides funding for preliminary studies and analysis for cleanup of contaminated sediment sites in which the City is a participant, for actual cleanup of contaminated sites, for preliminary engineering for future cleanup efforts, and for liability allocation negotiations. The study phase of sediment remediation projects often requires multiple years before specific cleanup actions are defined. Current projections reflect actual cleanup adjacent to Gasworks Park, the Duwamish Waterway Sediment Remediation, and East Waterway Remediation projects beginning in 2022 based on preliminary schedules.

**Combined Sewer Overflows:** This program consists of projects that are mandated by State and Federal regulations to control CSOs into the City's receiving waters. Projects include large infrastructure projects (e.g. storage structures, pipes, tunnels, wet weather treatment plants, stormwater separation, pump stations, etc.), smaller retrofits, construction of Green Stormwater Infrastructure (GSI) for CSO control, and development and implementation of regulatory required plans such as the Plan to Protect Seattle's Waterways. The largest projects in the DWF CIP include the Ship Canal Water Quality Project. Other key efforts in the program include Montlake area retrofits (Portage Bay and East Montlake projects), and Magnolia Pump Station 22 retrofit. Planning work is underway and will continue through the coming years for additional CSO reduction efforts to meet CSO Consent Decree compliance date requirements.

**Rehabilitation:** This program consists of projects that repair, rehabilitate or replace existing drainage and wastewater assets to maintain or improve the current functionality level of the system. Assets that are addressed include:

- pump station structures, airlift conversions, major mechanical, ventilation and electrical components;
- drainage and wastewater outfalls; and
- drainage and wastewater pipes.

Work within this program is a critical component to achieving SPU's Consent Decree target of four sanitary sewer overflows per 100 miles of sewer pipe. Individual projects are defined by the type and method of rehabilitation and/or replacement and include emergency rehabilitation, maintenance and no-dig pipe rehabilitation, point sewer pipe and structure rehabilitation by crews, and point sewer pipe and structure rehabilitation by contract. Proposed budget includes the addition of a new crew to conduct pipe lining, a minimally disruptive, trenchless and fast method for renewing old pipes. Currently SPU relies on private contractors to conduct the lining work, however there are very few available. To increase the rate of rehabilitation and flexibility to complete work, SPU has decided to add a new DWF crew to perform this work in house.

**Flooding, Sewer Back-up, and Landslides:** This program is responsible for preventing and alleviating flooding and sewer backups in the City of Seattle, with a primary focus on the protection of public

## Seattle Public Utilities – Drainage and Wastewater

health, safety, and property. The program area is focused on planning, design, and construction of pipes, ditches, culverts, detention ponds, and GSI that control and/or convey storm runoff to the ultimate discharge locations of creeks, lakes, and the Puget Sound. This program also involves protecting SPU drainage and wastewater infrastructure from landslides and providing drainage improvements where surface water generated from the City right-of way is contributing to landslides. Finally, this program includes sewer capacity projects that reduce the risk of exceeding the Consent Decree target of four sanitary sewer overflows per 100 miles of sewer pipe. Major projects in this program include the Pearl Street SSO reduction project, Broadview's Dayton SSO project and 12<sup>th</sup> Avenue drainage projects, and the South Park Water Quality and Pump Station project. South Park Water Quality Facility is a regulatory commitment within the Plan to Protect Seattle's Waterways.

**Shared Cost Projects:** This program includes individual capital improvement projects which typically benefit multiple Lines of Business (LOB) (e.g. the Water LOB and the Drainage and Wastewater LOB) and whose costs are "shared," or paid for by more than one of SPU's utility funds.

The Proposed Budget for the Shared Cost program includes funding for a number of interdepartmental projects including the Alaskan Way Viaduct and Seawall Replacement, Move Seattle Levy projects, Center City Connector Streetcar, and Sound Transit Link Light Rail. This BCL also includes funding for SPU Facility Improvements such as the Horizon complex, the North Operations Center, and a new dewatering facility near the South Transfer Station. Other programs in this BCL include DWF Heavy Equipment Purchases, 1% for the Arts, and several smaller projects.

**Technology:** The Technology capital portfolio is managed in six program areas, which provide a department-wide view of technology investments to address SPU's strategic, business, and City-wide priorities. These areas are:

- Customer Contact and Billing
- Enterprise Information Management
- IT Infrastructure
- Project Delivery & Performance
- Science & System Performance
- Asset Information Management

Investments in 2019 address several of SPU's key initiatives, including:

- Financial Management and Internal Controls
- Operational Excellence and Performance Management
- An Easy and Engaged Customer Experience
- Data-driven Decision Support
- Project Delivery/Project Controls

In 2019, SPU will focus its technology spending on the highest priority business needs. These projects would primarily be within the Customer Contact and Billing Program, Project Delivery and Performance Program, as well as the Asset Information Management Program.

With the New Customer Information System already in place, the next major projects for SPU within the Customer Contact and Billing Program would be the Utilities CSS Portal project as well as other projects such as CIS Workflow and the CIS Reporting. Other projects slated would be enhancements to SPU's

## Seattle Public Utilities – Drainage and Wastewater

Enterprise Project Management System (EPMS) as well as the Development Systems Integration project, along with other projects that have been deferred in previous years

### CIP Revenue Sources

Historically, the DWF CIP has been funded primarily by revenue bonds serviced by ratepayers. However, DWF financial policies adopted in 2003 gradually increase cash contributions from SPU to fund the CIP. By 2007, a 3-year average of 25 percent of total CIP costs were funded by a cash contribution, with the remaining capital needs being debt financed. This pattern continues into the future.

SPU's DWF CIP is funded largely by Drainage and Sewer ratepayers. SPU issues bonds, serviced by ratepayers that cover approximately 75 percent of the CIP, with the remainder funded by cash. DWF rates were approved by the Mayor and City Council in 2015 for the three-year period of 2016-2018, and the Proposed 2019-2024 CIP assumes Drainage rates will grow by 8.0% each year. Wastewater rates are assumed to grow 7.5%, 7.4%, and 7.3% in 2019, 2020, and 2021 respectively.

SPU also actively seeks grants and low-interest loans. Loans like this offer a lower interest rate than what SPU can borrow/issue debt and offset the need to draw down extra dollars from the construction fund. SPU also receives Remedial Action Grants from the Washington State Department of Ecology for up to 50 percent of sediments cleanup project costs.

### Summary of Upcoming Budget Issues and Challenges

The biggest challenge for DWF will be continuing to manage large priority projects while still accomplishing Mayoral priorities and complying with regulatory requirements from the EPA, Washington State Department of Ecology (DOE), and NPDES permits - all within the financial limitations of the Fund.

The City negotiated a Consent Decree between the City, the EPA, and the DOJ for compliance with the CWA and State regulations. The Consent Decree was entered in court on July 3, 2013 and includes deadlines for development and implementation of the Long Term Control Plan (LTCP) and will drive spending in the CSO Reduction Program over the next several years. The Consent Decree also includes requirements to implement a Capacity Management, Operations and Maintenance (CMOM) Program, which drives operations and maintenance spending and CIP spending in the Rehabilitation Program. Additionally, an NPDES permit for stormwater includes requirements to help protect local waterways and the Puget Sound from damaging pollutants and excessive runoff. This increased regulatory emphasis on protecting and improving water quality has resulted in the need for the City to make substantial investments in detention, water quality treatment (e.g., GSI), CSO retrofits, pipe and pump station rehabilitation, and inflow/infiltration reduction.

- **Detention:** This focuses on storing stormwater and/or sewage during a rainfall event and can be accomplished through detention ponds (for stormwater), GSI (for stormwater) or underground tanks or tunnels (for both wastewater and stormwater). Detention can be added to the drainage system to offset the impacts of larger storms that overwhelm the conveyance capacity of the combined sewer system and can result in backups of sewage, localized flooding and releases of untreated sewage.
- **Water Quality Treatment:** This focuses on removing pollutants and can be accomplished through GSI or the use of technology such as specialized media filters. GSI is the use of green solutions to help reduce untreated overflows by allowing stormwater to infiltrate slowly into the ground,



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cutting the volume of stormwater entering the system, and providing water quality treatment through natural processes as the polluted runoff comes in contact with the soil and vegetation. The use of GSI is required as part of development through Seattle's NPDES permit and Stormwater Code.

- CSO Retrofits: This focuses on optimizing the existing collection, pumping and storage systems, using low-cost repairs and modifications to reduce overflows to waterways.
- Pipe and Pump Station Rehabilitation: This consists of repairing, rehabilitating, or replacing existing gravity sewer pipes, wastewater pump stations, and/or force mains that have deficiencies or have reached the end of their useful life.
- Inflow/Infiltration Reduction: This focuses on filling in cracks in sewer lines that allow groundwater to enter the system. It also addresses parts of the system where there are direct stormwater connections to the sanitary sewer system which can/should be directed to a separated stormwater system. By reducing inflow/infiltration, it is possible to reduce the frequency and volume of SSOs and sewer backups.

DWF CIP funding is also needed to improve the existing drainage system so that residents experience less flooding and fewer sewage backups. Sewer backups are prohibited and considered by our regulators to be a violation of our State permits and Federal Consent Decree. Through prudent investment in capital projects and maintenance, SPU will be closer to meeting this standard. This performance level benefits ratepayers by avoiding costly fines and damages.

The CSO Reduction Program constitutes one of the major investments and challenges for the DWF in upcoming years. During heavy rainfall events, the combination of stormwater (about 90 percent of the volume) and sewage may exceed the capacity of the CSS and overflow into our waterways – causing a combined sewer overflow. CSOs spill a mixture of raw sewage and stormwater into local waterways at 90 outfalls throughout the City. These spills violate water quality standards, create unacceptable risk to public health, contaminate sediment and habitat for endangered species and pollute the Puget Sound.

Annual CSOs have been reduced from 20-30 billion gallons per year by both the City and the County in 1970 to about 1 billion gallons per year, today. The City's overflows account for 100-200 million gallons per year. SPU currently does not meet regulatory mandates that limit CSOs to one untreated overflow per outfall location per year. SPU is required by State and Federal law to achieve control of CSOs by 2025 through the LTCP. The LTCP, also called the Plan to Protect Seattle's Waterways, was approved by regulators in May of 2015. Ultimately the Consent Decree requires completion of construction of all CSO reduction projects by December 2025. CSOs must be proven to be controlled, one year after completion of construction. Continuing investments in CSO control will enable SPU to achieve compliance with the 2025 milestone.

While cost estimating is dependent on many factors, SPU currently expects to spend approximately \$490 million over the next six years on CSO reduction projects. The projects will include a combination of underground storage tanks and tunnels, GSI, and system retrofits. One of the biggest challenges of the program is finding sites for wastewater facilities in a dense urban environment. Another challenge revolves around SPU's relationship with King County and maintaining an active partnership to operate the wastewater system and plan for potential joint CSO reduction projects.

## Seattle Public Utilities – Drainage and Wastewater

Another challenge for the DWF is addressing public expectations around basic service level programs, such as flooding and system capacity. The funding for these programs are below the program need, but unable to be increased at this time due to the demand on our budget from our regulatory requirements. The separated drainage and wastewater system is at capacity during storm events, or lacking the fundamental infrastructure, at various locations across the City. The impacts can range from very serious (basement sewer back-ups) to nuisance (limited street or yard flooding) issues. SPU is moving forward with a comprehensive planning effort to better identify the highest priority locations and potential funding and financing strategies.

When making investments in capital facilities that will last decades, it makes financial sense to understand and consider incorporating the potential impacts of climate change on local precipitation and sea levels in the Puget Sound. There have been major storms in 2006, 2007, 2010, 2012, and 2014 that have resulted in serious drainage and wastewater impacts related to capacity. Scientists indicate that there is a potential that storms will become more intense and more frequent in the near future. This variability requires the utility to have a much more in-depth understanding of how the system functions under different weather conditions. SPU will need to forecast impacts to the stormwater and combined systems on a much more localized level. This type of work will require more fully developed system models than in the past.

Proposed Reductions and Deferrals to meet Efficiency Measures: During the 2019-2020 Proposed Budget Process, the Mayor requested SPU endeavor to reduce or defer non-critical projects to provide future rate savings in all SPU lines of business. In the Drainage and Wastewater Fund, the following project changes reflect this effort:

- Defer construction of Dayton Ave Sanitary Sewer Overflow and Drainage Improvement project to outside the current CIP planning window. This deferral reduces the current Proposed 2019-2024 CIP by \$10.7 million. Risks of this deferral include delaying potential repairs to the combined sanitary sewer system in this region.
- Defer planned proactive maintenance in the Pipe Renewal Program by \$22.5 million in the current Proposed 2019-2024 CIP. Risks of this deferral on maintenance include possible increased costs in emergency repairs.

### **Future Projects/What is on the Horizon**

Over the next 10 years the DWF CIP will be driven largely by regulatory requirements, major transportation projects, and Operations Crew Facilities. Major projects include the completion of the Ship Canal Water Quality Project, sediment remediation, and other projects necessary under the LTCP/Plan to Protect Seattle's Waterways, SSO reduction and localized flooding reduction in Broadview, and flood reduction and water quality improvements in South Park.

### **City Council Provisos to the CIP**

The City Council adopted the following budget provisos:

No funds in the Combined Sewer Overflow Budget Control Level may be spent on physical construction of the Ship Canal Water Quality Project Storage Tunnel (MC-SU-3614) until authorized by future ordinance. It is anticipated that such authorization will not be granted until Seattle Public Utilities

## **Seattle Public Utilities – Drainage and Wastewater**

completes 100% project design of the Storage Tunnel activity and reports to the Civil Rights, Utilities, Economic Development & Arts Committee, or its successor committee.



# SPU-Drainage & Wastewater

## Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total	
<b>Protection of Beneficial Uses</b>		<b>BSL/Program Code:</b>						<b>BC-SU-C333B</b>		
<u>Ongoing</u>										
Beneficial Uses Program (MC-SU-C3317)	6,110	1,719	1,224	869	11,031	2,871	2,291	5,010	31,125	
Creek Culvert Replacement Program (MC-SU-C3314)	1,170	1,662	2,379	423	0	0	0	0	5,633	
GSI for Protection of Beneficial Uses (MC-SU-C3316)	10,758	8,350	11,962	24,544	23,550	15,612	14,801	8,857	118,434	
<b>Protection of Beneficial Uses</b>	18,038	11,731	15,565	25,835	34,581	18,484	17,092	13,867	155,193	
<b>Sediments</b>		<b>BSL/Program Code:</b>						<b>BC-SU-C350B</b>		
<u>Ongoing</u>										
Sediment Remediation - DWF (MC-SU-C3503)	33,189	6,489	3,636	4,202	4,899	12,722	18,286	19,286	102,710	
<b>Sediments</b>	33,189	6,489	3,636	4,202	4,899	12,722	18,286	19,286	102,710	
<b>Combined Sewer Overflows</b>		<b>BSL/Program Code:</b>						<b>BC-SU-C360B</b>		
<u>Discrete</u>										
Long Term Control Plan (MC-SU-C3604)	12,685	1,000	1,200	1,200	1,200	1,200	1,200	1,200	20,885	
S Henderson CSO Storage (MC-SU-C3609)	59,244	251	29	0	0	0	0	0	59,525	
Ship Canal Water Quality Project (MC-SU-C3614)	52,023	20,051	49,888	122,369	176,636	95,690	33,389	15,405	565,451	
<u>Ongoing</u>										
CSO Facility Retrofit (MC-SU-C3611)	3,659	8,442	15,022	7,557	8,098	13,900	11,500	2,160	70,337	
Future CSO Projects (MC-SU-C3612)	24	1,356	2,984	5,294	7,563	7,641	11,209	36,178	72,249	
Green Stormwater Infrastructure Program (MC-SU-C3610)	9,346	2,229	2,193	2,171	2,500	2,500	2,500	2,500	25,939	
<b>Combined Sewer Overflows</b>	136,981	33,329	71,316	138,591	195,997	120,931	59,798	57,443	814,386	
<b>Rehabilitation</b>		<b>BSL/Program Code:</b>						<b>BC-SU-C370B</b>		
<u>Ongoing</u>										
Outfall Rehabilitation Program (MC-SU-C3708)	554	647	1,551	240	1,500	1,500	1,500	1,500	8,992	

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

Pipe Renewal Program (MC-SU-C3710)	21,601	27,228	28,138	27,000	20,000	20,000	20,000	24,000	187,967
Pump Station & Force Main Improvements (MC-SU-C3703)	2,341	11,214	15,585	9,257	4,664	4,020	4,000	4,500	55,581
<b>Rehabilitation</b>	<b>24,496</b>	<b>39,089</b>	<b>45,274</b>	<b>36,496</b>	<b>26,164</b>	<b>25,520</b>	<b>25,500</b>	<b>30,000</b>	<b>252,540</b>
<b>Flooding, Sewer Backup &amp; Lndsl</b>									
<b>BSL/Program Code:</b>									
<b>BC-SU-C380B</b>									
<u>Discrete</u>									
South Park Stormwater Program (MC-SU-C3806)	12,586	4,729	5,407	21,361	11,815	9,160	10,000	2,300	77,359
Thornton Confluence Improvement (MC-SU-C3811)	7,512	0	391	0	0	0	0	0	7,903
<u>Ongoing</u>									
Broadview Long-Term Plan (MC-SU-C3812)	5,547	2,624	4,750	7,000	307	0	0	0	20,228
Drainage Capacity Program (MC-SU-C3802)	12,714	2,270	2,179	2,943	2,166	3,824	4,354	26,600	57,049
Sanitary Sewer Overflow Capacity (MC-SU-C3804)	2,721	6,943	3,303	11,431	14,400	9,092	9,000	22,000	78,890
<b>Flooding, Sewer Backup &amp; Lndsl</b>	<b>41,080</b>	<b>16,566</b>	<b>16,030</b>	<b>42,734</b>	<b>28,687</b>	<b>22,076</b>	<b>23,354</b>	<b>50,900</b>	<b>241,428</b>
<b>Shared Cost Projects</b>									
<b>BSL/Program Code:</b>									
<b>BC-SU-C410B</b>									
<u>Discrete</u>									
Alaskan Way Viaduct & Seawall - DWF (MC-SU-C4102-DWF)	27,364	3,286	13,529	2,109	1,012	707	20	4	48,032
Streetcar Related Projects - DWF (MC-SU-C4130-DWF)	2,460	9,032	3,277	65	0	0	0	0	14,834
<u>Ongoing</u>									
1% for Arts - DWF (MC-SU-C4118-DWF)	3,879	722	1,084	1,638	1,630	1,099	636	715	11,402
Emergency Storms Program - DWF (MC-SU-C4120-DWF)	1	100	100	100	0	0	0	0	301
Heavy Equipment Purchases - DWF (MC-SU-C4116-DWF)	15,119	2,801	2,376	3,536	2,765	3,036	3,513	3,563	36,708
Integrated Control Monitoring Program - DWF (MC-SU-C4108-DWF)	1,328	250	250	250	0	0	0	0	2,078
Meter Replacement - DWF (MC-SU-C4101-DWF)	6,314	554	561	567	481	491	500	510	9,979
Move Seattle - DWF (MC-SU-C4119-DWF)	625	17,360	28,170	26,899	22,820	7,147	5,857	10,100	118,978

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## 2019 - 2024 Proposed Capital Improvement Program

Operational Facility - Construction - DWF (MC-SU-C4106-DWF)	15,149	20,602	27,344	22,740	4,513	5,513	805	1,700	98,365
Other Major Tran Projects - DWF (MC-SU-C4123-DWF)	121	627	750	55	0	0	0	0	1,553
Security Improvements - DWF (MC-SU-C4113-DWF)	128	113	210	165	113	113	185	185	1,211
<b>Shared Cost Projects</b>	<b>72,489</b>	<b>55,447</b>	<b>77,651</b>	<b>58,124</b>	<b>33,333</b>	<b>18,104</b>	<b>11,515</b>	<b>16,777</b>	<b>343,441</b>
<b>Technology</b>							<b>BSL/Program Code:</b>		<b>BC-SU-C510B</b>
<u>Ongoing</u>									
Asset Information Management (MC-SU-C5407)	0	608	1,520	903	860	860	860	860	6,471
Customer Contact & Billing (MC-SU-C5402)	2	1,351	1,148	1,140	538	430	430	430	5,468
Enterprise Information Management (MC-SU-C5403)	0	325	727	772	1,075	860	860	860	5,479
IT Infrastructure (MC-SU-C5404)	0	238	632	505	730	730	730	730	4,294
Project Delivery & Performance (MC-SU-C5405)	3,199	3,441	882	1,031	946	731	731	731	11,691
Science & System Performance (MC-SU-C5406)	239	236	350	600	688	688	688	688	4,177
<b>Technology</b>	<b>3,440</b>	<b>6,198</b>	<b>5,257</b>	<b>4,951</b>	<b>4,837</b>	<b>4,299</b>	<b>4,299</b>	<b>4,299</b>	<b>37,581</b>
<b>Department Total:</b>	<b>329,714</b>	<b>168,849</b>	<b>234,730</b>	<b>310,934</b>	<b>328,499</b>	<b>222,136</b>	<b>159,845</b>	<b>192,572</b>	<b>1,947,278</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

# SPU-Drainage & Wastewater

## Fund Summary

Fund Name & Code	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
Drainage and Wastewater Fund (44010)	329,714	168,849	234,730	310,934	328,499	222,136	159,845	192,572	1,947,278
<b>Department Total:</b>	329,714	168,849	234,730	310,934	328,499	222,136	159,845	192,572	1,947,278

*\*Amounts in thousands of dollars*



## SPU-Drainage & Wastewater

### Alaskan Way Viaduct & Seawall - DWF

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C4102-DWF
<b>Start/End Date:</b>	2001-2024	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	SR 99 / Battery St
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$48,032	<b>Urban Village:</b>	Multiple

This project relocates, replaces, and protects drainage and wastewater infrastructure affected by the replacement of the Alaskan Way Viaduct and Seawall. This project encompasses many sub-projects which are collectively known as the Alaskan Way Viaduct and Seawall Replacement project (AWVSR project). The Washington State Department of Transportation (WSDOT) is the lead for the SR99 replacement, while the City of Seattle is the lead on development of the waterfront public space, implementation of the new surface Alaskan Way, and design and construction of the seawall.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	27,364	3,286	13,529	2,109	1,012	707	20	4	48,032
<b>Total:</b>	27,364	3,286	13,529	2,109	1,012	707	20	4	48,032

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	27,364	3,286	13,529	2,109	1,012	707	20	4	48,032
<b>Total:</b>	27,364	3,286	13,529	2,109	1,012	707	20	4	48,032

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	27,364	3,286	13,529	2,109	1,012	707	20	4	48,032
<b>Total:</b>	27,364	3,286	13,529	2,109	1,012	707	20	4	48,032

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## SPU-Drainage & Wastewater

### Long Term Control Plan

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C3604
<b>Start/End Date:</b>	2008-2030	<b>BSL/Program Code:</b>	BC-SU-C360B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Combined Sewer Overflows
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$21,085	<b>Urban Village:</b>	Not in an Urban Village

This project creates a Long Term Control Plan (LTCP) in accordance with SPU's Combined Sewer Overflow (CSO) National Pollutant Discharge Elimination System (NPDES) permit and the Federal CSO Control Policy. On May 1, 2012, the Environmental Protection Agency/Department of Justice issued a draft Consent Decree to the City of Seattle which requires the development and submission of a Long-Term Control Plan for approval by May 30, 2015. It further stipulates that all CSO Control Measures are to be constructed as expeditiously as practicable, and in no event later than December 31, 2025. The Consent Decree also allows the City to propose storm water control project(s) as part of an Integrated Plan, in addition to the CSO Control Measures. If approved, the storm water projects can be constructed first and the CSO Control Measures deferred beyond the December 2025 due date. The LTCP will reduce the number and volume of its CSOs, meet receiving water quality standards, and protect designated beneficial uses. The LTCP includes, flow characterization, monitoring, and hydraulic modeling; development CSO control alternatives; development of control alternatives that takes into consideration costs and performance; operational plan revisions; public participation; implementation schedule; and post-construction monitoring. The project also includes a programmatic SEPA EIS (Note: includes the Alaskan Way Viaduct & Seawall project C4102). The Plan and EIS was submitted to EPA/ Washington State Department of Ecology for approval in 2015 and included all City of Seattle CSO basins except existing CSO Projects at Windermere, Genesee, Henderson and Central Waterfront (except as noted).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	12,685	1,000	1,200	1,200	1,200	1,200	1,200	1,200	20,885
<b>Total:</b>	12,685	1,000	1,200	1,200	1,200	1,200	1,200	1,200	20,885

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	12,685	1,000	1,200	1,200	1,200	1,200	1,200	1,200	20,885
<b>Total:</b>	12,685	1,000	1,200	1,200	1,200	1,200	1,200	1,200	20,885

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	12,685	1,200	1,200	1,200	1,200	1,200	1,200	1,200	21,085
<b>Total:</b>	12,685	1,200	1,200	1,200	1,200	1,200	1,200	1,200	21,085
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### S Henderson CSO Storage

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C3609
<b>Start/End Date:</b>	2001-2019	<b>BSL/Program Code:</b>	BC-SU-C360B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Combined Sewer Overflows
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	S Henderson St.
<b>Neighborhood District:</b>	Southeast	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$59,525	<b>Urban Village:</b>	Not in an Urban Village

This project provides construction of combined sewer overflows (CSO) facilities in the Henderson area in the southeast part of Seattle. Facilities will be built to meet level of service requirements for CSOs and comply with State and Federal regulations. The project will meet requirements of the City's current National Pollutant Discharge Elimination System (NPDES) Wastewater Discharge Permit.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	59,244	251	29	0	0	0	0	0	59,525
<b>Total:</b>	59,244	251	29	0	0	0	0	0	59,525

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	59,244	251	29	0	0	0	0	0	59,525
<b>Total:</b>	59,244	251	29	0	0	0	0	0	59,525

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	59,244	251	29	0	0	0	0	0	59,525
<b>Total:</b>	59,244	251	29	0	0	0	0	0	59,525

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## SPU-Drainage &amp; Wastewater

Ship Canal Water Quality Project

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C3614
<b>Start/End Date:</b>	2014-2025	<b>BSL/Program Code:</b>	BC-SU-C360B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Combined Sewer Overflows
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	West Ship Canal
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$570,000	<b>Urban Village:</b>	Multiple

This project is a Combined Sewer Overflow storage facility to be completed by 2025. The project is the largest to be delivered as part of the Plan to Protect Seattle's Waterways and includes about a 14,000-foot-long tunnel that can hold 15 million gallons of combined sewage and stormwater. SPU is building it in partnership with King County. The project will keep almost 60 million gallons of polluted water out of the Ship Canal, Salmon Bay, and Lake Union each year. Combined sewer overflows in Ballard, Fremont, Queen Anne, and Wallingford send sewage and stormwater into the Ship Canal an average of more than 130 times annually. SPU is leading the project and will own it when it's done. King County will help SPU with review and provide its technical expertise in delivering the project. Design is underway and construction is expected to start in 2018.

## CIP Staged Oversight Proviso

No funds in the Combined Sewer Overflow Budget Control Level may be spent on physical construction of the Ship Canal Water Quality Project Storage Tunnel (MC-SU-3614) until authorized by future ordinance. It is anticipated that such authorization will not be granted until Seattle Public Utilities completes 100% project design of the Storage Tunnel activity and reports to the Civil Rights, Utilities, Economic Development & Arts Committee, or its successor committee.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	37,854	13,352	34,549	82,988	122,556	68,173	22,449	10,048	391,969
King County Funds	14,169	6,699	15,339	39,381	54,080	27,517	10,940	5,357	173,482
<b>Total:</b>	52,023	20,051	49,888	122,369	176,636	95,690	33,389	15,405	565,451

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	52,023	20,051	49,888	122,369	176,636	95,690	33,389	15,405	565,451
<b>Total:</b>	52,023	20,051	49,888	122,369	176,636	95,690	33,389	15,405	565,451

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	52,023	20,051	49,888	122,369	176,636	95,690	33,389	15,405	565,451
<b>Total:</b>	52,023	20,051	49,888	122,369	176,636	95,690	33,389	15,405	565,451

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## SPU-Drainage & Wastewater

### South Park Stormwater Program

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C3806
<b>Start/End Date:</b>	2006-2025	<b>BSL/Program Code:</b>	BC-SU-C380B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Flooding, Sewer Backup & Lndsl
<b>Current Project Stage:</b>	Design	<b>Location:</b>	698 S Riverside DR/Holden/Austin
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$77,359	<b>Urban Village:</b>	Greater Duwamish

This program contains multiple projects all located in the industrial area in South Park: a pump station (PS), a new drainage conveyance system, and water quality facility (WQF). The existing outfall from this basin is submerged at high tides. The PS will allow the drainage system to flow to the Duwamish when the tide is high. This will reduce flooding along 7th Ave S and support future projects. Many streets in the area are in poor condition and lack any drainage infrastructure. SPU is partnering with SDOT to improve streets and build drainage infrastructure to send stormwater to the PS and reduce flooding. The WQF will treat stormwater from this industrial basin and reduce pollutant loading to the Duwamish. The WQF is a requirement of the Consent Decree and Integrated Plan.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	12,586	4,729	5,407	21,361	11,815	9,160	10,000	2,300	77,359
<b>Total:</b>	12,586	4,729	5,407	21,361	11,815	9,160	10,000	2,300	77,359

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	12,586	4,729	5,407	21,361	11,815	9,160	10,000	2,300	77,359
<b>Total:</b>	12,586	4,729	5,407	21,361	11,815	9,160	10,000	2,300	77,359

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	12,586	4,729	5,407	21,361	11,815	9,160	10,000	2,300	77,359
<b>Total:</b>	12,586	4,729	5,407	21,361	11,815	9,160	10,000	2,300	77,359

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**



## SPU-Drainage & Wastewater

### Streetcar Related Projects - DWF

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C4130-DWF
<b>Start/End Date:</b>	2009-2030	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	First Hill
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$8,870	<b>Urban Village:</b>	Multiple

This project plans and relocates drainage and wastewater facilities that will be impacted by the SDOT-led First Hill Streetcar project and related streetcar projects, which will connect major employment centers on First Hill to the regional light rail system stations on Capitol Hill and in the International District. It is currently in the construction phase. This project was formerly titled "First Hill Streetcar - DWF."

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	2,460	9,032	3,277	65	0	0	0	0	14,834
<b>Total:</b>	2,460	9,032	3,277	65	0	0	0	0	14,834

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	2,460	9,032	3,277	65	0	0	0	0	14,834
<b>Total:</b>	2,460	9,032	3,277	65	0	0	0	0	14,834

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	2,460	3,068	3,277	65	0	0	0	0	8,870
<b>Total:</b>	2,460	3,068	3,277	65	0	0	0	0	8,870

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## SPU-Drainage & Wastewater

### Thornton Confluence Improvement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C3811
<b>Start/End Date:</b>	2008-2019	<b>BSL/Program Code:</b>	BC-SU-C380B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Flooding, Sewer Backup & Lndsl
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	
<b>Neighborhood District:</b>		<b>Council District:</b>	
<b>Total Project Cost:</b>	\$7,903	<b>Urban Village:</b>	

This project provides creek realignment, floodplain excavation, culvert replacement, and riparian plantings at the confluence of the north and south branches of Thornton Creek. SPU has acquired a number of flood prone properties in this area over the last decade. Using these properties, this project increases culvert capacity, floodplain area and flood storage, and provides stream habitat benefits. The project will help alleviate flooding and reduce maintenance at Meadowbrook Pond.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	7,512	0	391	0	0	0	0	0	7,903
<b>Total:</b>	7,512	0	391	0	0	0	0	0	7,903

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	7,512	0	391	0	0	0	0	0	7,903
<b>Total:</b>	7,512	0	391	0	0	0	0	0	7,903

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	7,512	0	391	0	0	0	0	0	7,903
<b>Total:</b>	7,512	0	391	0	0	0	0	0	7,903

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### 1% for Arts - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4118-DWF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides the Drainage & Wastewater funding for Seattle Public Utilities' 1% for Arts contribution. Eligibility is determined at the individual project level, with payment occurring from this project. Funds contributed to the 1% for Art project allow the commission, purchase, and installation of art in City-owned properties that is accessible to the public. The Municipal Arts Plan, which is prepared annually, describes the status of ongoing art projects and establishes the scope of work and allocations for new art projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	3,879	722	1,084	1,638	1,630	1,099	636	715	11,402
<b>Total:</b>	3,879	722	1,084	1,638	1,630	1,099	636	715	11,402
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	3,879	722	1,084	1,638	1,630	1,099	636	715	11,402
<b>Total:</b>	3,879	722	1,084	1,638	1,630	1,099	636	715	11,402
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	3,879	722	1,084	1,638	1,630	1,099	636	715	11,402
<b>Total:</b>	3,879	722	1,084	1,638	1,630	1,099	636	715	11,402
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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## SPU-Drainage & Wastewater

### Asset Information Management

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5407
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides applications, upgrades and data management tools in support of SPU's work and asset management projects. Several new and updated technology solutions designed to enhance the efficiency and effectiveness of drinking water, sewer, drainage, and solid waste operations are planned. Activities within this project aim to further enhance safety and improve responsiveness of SPU's utility operations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	0	608	1,520	903	860	860	860	860	6,471
<b>Total:</b>	0	608	1,520	903	860	860	860	860	6,471

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	0	608	1,520	903	860	860	860	860	6,471
<b>Total:</b>	0	608	1,520	903	860	860	860	860	6,471

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	0	608	1,520	903	860	860	860	860	6,471
<b>Total:</b>	0	608	1,520	903	860	860	860	860	6,471

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## SPU-Drainage & Wastewater

### Beneficial Uses Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C3317
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C333B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Protection of Beneficial Uses
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project develops drainage related projects to improve the water quality, stream function and habitat in the streams and receiving waters of Seattle. Projects include stream and habitat restoration to reduce flooding, culvert repair and replacements to protect public safety, capital purchases to support street sweeping and green stormwater infrastructure projects to address flooding and control and clean runoff to streams.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	6,110	1,719	1,224	869	11,031	2,871	2,291	5,010	31,125
<b>Total:</b>	6,110	1,719	1,224	869	11,031	2,871	2,291	5,010	31,125

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	6,110	1,719	1,224	869	11,031	2,871	2,291	5,010	31,125
<b>Total:</b>	6,110	1,719	1,224	869	11,031	2,871	2,291	5,010	31,125

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	6,110	1,719	1,224	869	11,031	2,871	2,291	5,010	31,125
<b>Total:</b>	6,110	1,719	1,224	869	11,031	2,871	2,291	5,010	31,125

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Broadview Long-Term Plan

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C3812
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C380B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Flooding, Sewer Backup & Lndsl
		<b>Location:</b>	Broadview
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	5
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This program addresses longstanding drainage and wastewater problems to alleviate sewer backups and localized flooding in the Broadview neighborhood. Portions of this area endure significant capacity limitations of the sanitary sewer and storm systems resulting in sewer backups into residences and localized flooding during wet weather events. Multiple conditions, some of which include poor soils, poor drainage, high inflow and infiltration, and the history of development, all contribute to these wastewater and drainage inadequacies. The Broadview Program plans individual capital projects to help mitigate these problems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	5,547	2,624	4,750	7,000	307	0	0	0	20,228
<b>Total:</b>	5,547	2,624	4,750	7,000	307	0	0	0	20,228

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	5,547	2,624	4,750	7,000	307	0	0	0	20,228
<b>Total:</b>	5,547	2,624	4,750	7,000	307	0	0	0	20,228

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	5,547	2,624	4,750	7,000	307	0	0	0	20,228
<b>Total:</b>	5,547	2,624	4,750	7,000	307	0	0	0	20,228

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Creek Culvert Replacement Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C3314
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C333B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Protection of Beneficial Uses
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program provides for the repair and replacement of stream culverts that are part of SPU's critical drainage infrastructure. Culverts will be repaired or replaced based on system failure risks and benefits of the project, including flooding, risk of failure, operations and maintenance needs and benefits.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	1,170	1,662	2,379	423	0	0	0	0	5,633
<b>Total:</b>	1,170	1,662	2,379	423	0	0	0	0	5,633

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	1,170	1,662	2,379	423	0	0	0	0	5,633
<b>Total:</b>	1,170	1,662	2,379	423	0	0	0	0	5,633

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	1,170	1,662	2,379	423	0	0	0	0	5,633
<b>Total:</b>	1,170	1,662	2,379	423	0	0	0	0	5,633

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### CSO Facility Retrofit

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C3611
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C360B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Combined Sewer Overflows
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project retrofits, upgrades, and modifies existing Combined Sewer Overflows (CSO) reduction facilities in Seattle CSO basins. Retrofit projects cost-effectively optimize system operation and storage, mitigate the extent of CSOs, and postpone and/or downsize large CSO reduction projects. This project assists in achieving State Department of Ecology's requirement of an average of no more than one wet-weather overflow event per outfall per year.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	3,659	8,442	15,022	7,557	8,098	13,900	11,500	2,160	70,337
<b>Total:</b>	3,659	8,442	15,022	7,557	8,098	13,900	11,500	2,160	70,337

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	3,659	8,442	15,022	7,557	8,098	13,900	11,500	2,160	70,337
<b>Total:</b>	3,659	8,442	15,022	7,557	8,098	13,900	11,500	2,160	70,337

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	3,659	8,442	15,022	7,557	8,098	13,900	11,500	2,160	70,337
<b>Total:</b>	3,659	8,442	15,022	7,557	8,098	13,900	11,500	2,160	70,337

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*



## SPU-Drainage & Wastewater

### Customer Contact & Billing

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5402
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides technology solutions and business application upgrades in support of SPU's Customer Contact Center and activities carried out by the Customer Service Branch. Planned projects include, but are not limited to, enhancements to the New Customer Billing System and new technology solutions for enhanced customer contact management. This ongoing project is intended to enhance customer service, customer contact, and ensure accurate Utility billing.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	2	1,351	1,148	1,140	538	430	430	430	5,468
<b>Total:</b>	2	1,351	1,148	1,140	538	430	430	430	5,468

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	2	1,351	1,148	1,140	538	430	430	430	5,468
<b>Total:</b>	2	1,351	1,148	1,140	538	430	430	430	5,468

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	2	1,351	1,148	1,140	538	430	430	430	5,468
<b>Total:</b>	2	1,351	1,148	1,140	538	430	430	430	5,468

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## SPU-Drainage & Wastewater

### Drainage Capacity Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C3802
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C380B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Flooding, Sewer Backup & Lndsl
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program provides flood control and localized drainage and wastewater projects to improve drainage system capacity or increase the level of service. Candidate projects are identified through claims, complaints, planning studies, engineering analyses and field investigations. Spot drainage and small landslides projects are also included within this program. The Localized Flood Control Program improves Drainage and Wastewater levels of service. This project name changed in the 2019-2024 CIP. It was previously known as Localized Flood Control Program. The project name was updated to more accurately reflect scope of the project.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	12,714	2,270	2,179	2,943	2,166	3,824	4,354	26,600	57,049
<b>Total:</b>	12,714	2,270	2,179	2,943	2,166	3,824	4,354	26,600	57,049

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	12,714	2,270	2,179	2,943	2,166	3,824	4,354	26,600	57,049
<b>Total:</b>	12,714	2,270	2,179	2,943	2,166	3,824	4,354	26,600	57,049

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	12,714	2,270	2,179	2,943	2,166	3,824	4,354	26,600	57,049
<b>Total:</b>	12,714	2,270	2,179	2,943	2,166	3,824	4,354	26,600	57,049

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## SPU-Drainage & Wastewater

### Emergency Storms Program - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4120-DWF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds Drainage & Wastewater infrastructure capital improvement projects resulting from previous and possible future storm events. These projects are potentially Federal Emergency Management Agency (FEMA) reimbursable and need to be separated out for tracking and reimbursement purposes. Typical improvements include but are not limited to repairing and mitigating landslides, restoring detention ponds, and replacing culverts and detention walls. All projects resulting from previous storms events have been completed. This project will now serve as a placeholder for any future storm events.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	1	100	100	100	0	0	0	0	301
<b>Total:</b>	1	100	100	100	0	0	0	0	301

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	1	100	100	100	0	0	0	0	301
<b>Total:</b>	1	100	100	100	0	0	0	0	301

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	1	100	100	100	0	0	0	0	301
<b>Total:</b>	1	100	100	100	0	0	0	0	301

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Enterprise Information Management

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5403
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides integrated technology solutions in support of the management of SPU's corporate knowledge, including data, information, documents, and web content. Typical improvements may include, but are not limited to, replacement of shared file storage, new online collaboration tools, introduction of workflow, tracking & reporting applications, web content management systems, and an enterprise document management solution. This ongoing project enhances SPU's ability to retrieve, share, distribute and manage corporate information.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	0	325	727	772	1,075	860	860	860	5,479
<b>Total:</b>	0	325	727	772	1,075	860	860	860	5,479

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	0	325	727	772	1,075	860	860	860	5,479
<b>Total:</b>	0	325	727	772	1,075	860	860	860	5,479

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	0	325	727	772	1,075	860	860	860	5,479
<b>Total:</b>	0	325	727	772	1,075	860	860	860	5,479

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Future CSO Projects

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C3612
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C360B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Combined Sewer Overflows
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project is for future combined sewer overflow (CSO) reduction projects that were identified through the Plan to Protect Seattle's Waterways. These projects are most likely to include underground storage projects, wastewater lift station improvements, and/or wastewater conveyance system improvements. Planning for the projects began in 2015, and the projects should complete their construction by 2025.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	24	1,356	2,984	5,294	7,563	7,641	11,209	36,178	72,249
<b>Total:</b>	24	1,356	2,984	5,294	7,563	7,641	11,209	36,178	72,249

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	24	1,356	2,984	5,294	7,563	7,641	11,209	36,178	72,249
<b>Total:</b>	24	1,356	2,984	5,294	7,563	7,641	11,209	36,178	72,249

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	24	1,356	2,984	5,294	7,563	7,641	11,209	36,178	72,249
<b>Total:</b>	24	1,356	2,984	5,294	7,563	7,641	11,209	36,178	72,249

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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## SPU-Drainage & Wastewater

### Green Stormwater Infrastructure Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C3610
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C360B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Combined Sewer Overflows
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program provides construction of Green Stormwater Infrastructure (GSI) as a component of combined sewer overflow (CSO) reduction within the uncontrolled CSO basins. Work includes City led roadside bioretention, funding for partnering with projects led by others to increase stormwater management objectives, and the RainWise program within CSO basins. RainWise provides financial incentives to private property owners for construction of properly sized and installed raingardens or cisterns. The program supports the City's current regulatory strategy for compliance with CSO National Pollutant Discharge Elimination System (NPDES) permit.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	9,346	2,229	2,193	2,171	2,500	2,500	2,500	2,500	25,939
<b>Total:</b>	9,346	2,229	2,193	2,171	2,500	2,500	2,500	2,500	25,939

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	9,346	2,229	2,193	2,171	2,500	2,500	2,500	2,500	25,939
<b>Total:</b>	9,346	2,229	2,193	2,171	2,500	2,500	2,500	2,500	25,939

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	9,346	2,229	2,193	2,171	2,500	2,500	2,500	2,500	25,939
<b>Total:</b>	9,346	2,229	2,193	2,171	2,500	2,500	2,500	2,500	25,939

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### GSI for Protection of Beneficial Uses

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C3316
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C333B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Protection of Beneficial Uses
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program provides construction of Green Stormwater Infrastructure (GSI) within the separated stormwater system. Work includes right-of-way retrofits with bioretention and/or biofiltration for water quality treatment and flow control, private property incentives for construction of properly sized and installed rain gardens or cisterns (RainWise program) into creek watersheds, and the Urban Village GSI program seeking to expand our partnership models to achieve DWW goals. The Natural Drainage Systems Projects within this program will achieve the water quality goals for the NDS Partnering Program identified in Seattle's Plan to Protect Seattle's Waterways while coordinating with SDOT and community groups to deliver co-benefits such as sidewalks.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	10,758	8,350	11,962	24,544	23,550	15,612	14,801	8,857	118,434
<b>Total:</b>	10,758	8,350	11,962	24,544	23,550	15,612	14,801	8,857	118,434

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	10,758	8,350	11,962	24,544	23,550	15,612	14,801	8,857	118,434
<b>Total:</b>	10,758	8,350	11,962	24,544	23,550	15,612	14,801	8,857	118,434

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	10,758	8,350	11,962	24,544	23,550	15,612	14,801	8,857	118,434
<b>Total:</b>	10,758	8,350	11,962	24,544	23,550	15,612	14,801	8,857	118,434

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### **2019 - 2024 Proposed Capital Improvement Program**



## SPU-Drainage & Wastewater

### Heavy Equipment Purchases - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4116-DWF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides SPU's Drainage and Wastewater Utility crews with new and replacement heavy equipment that is used throughout Seattle. Typical purchases include vactors, backhoes, loaders, service trucks, "TV" trucks and dump trucks, as well as retrofitting existing equipment to meet SPU operational needs and initiatives. This equipment transports work crews and tools to jobsites and supports the safe and efficient replacement, repair, and maintenance of Seattle's Drainage and Wastewater system. This project is one of three SPU fund-specific heavy equipment CIP projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	15,119	2,801	2,376	3,536	2,765	3,036	3,513	3,563	36,708
<b>Total:</b>	15,119	2,801	2,376	3,536	2,765	3,036	3,513	3,563	36,708

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	15,119	2,801	2,376	3,536	2,765	3,036	3,513	3,563	36,708
<b>Total:</b>	15,119	2,801	2,376	3,536	2,765	3,036	3,513	3,563	36,708

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	15,119	2,801	2,376	3,536	2,765	3,036	3,513	3,563	36,708
<b>Total:</b>	15,119	2,801	2,376	3,536	2,765	3,036	3,513	3,563	36,708

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## SPU-Drainage & Wastewater

### Integrated Control Monitoring Program - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4108-DWF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This project funds improvements to the centralized monitoring and control of the drainage and wastewater portion of the overall Supervisory Control and Data Acquisition (SCADA) system infrastructure throughout Seattle. Infrastructure affected may include, but is not limited to, pipes related to potential combined sewer overflows, rain gauges, and wastewater pump stations. This project enhances and protects the quality and condition of lakes and streams, and addresses the Environmental Protection Agency's (EPA) National Pollutant Discharge Elimination System (NPDES) permit requirements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	1,328	250	250	250	0	0	0	0	2,078
<b>Total:</b>	1,328	250	250	250	0	0	0	0	2,078

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	1,328	250	250	250	0	0	0	0	2,078
<b>Total:</b>	1,328	250	250	250	0	0	0	0	2,078

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	1,328	250	250	250	0	0	0	0	2,078
<b>Total:</b>	1,328	250	250	250	0	0	0	0	2,078

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### IT Infrastructure

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5404
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing IT asset management project ensures the availability, reliability, and security of SPU's corporate computing infrastructure. The project acquires and maintains SPU-owned and managed servers, local networks, shared storage and backup systems, operating software, and communications infrastructure.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	0	238	632	505	730	730	730	730	4,294
<b>Total:</b>	0	238	632	505	730	730	730	730	4,294

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	0	238	632	505	730	730	730	730	4,294
<b>Total:</b>	0	238	632	505	730	730	730	730	4,294

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	0	238	632	505	730	730	730	730	4,294
<b>Total:</b>	0	238	632	505	730	730	730	730	4,294

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## SPU-Drainage & Wastewater

### Meter Replacement - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4101-DWF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project funds replacement of existing water meters when they fail or become obsolete. Meters measuring up to two inches are replaced when they stop running. Meters measuring three inches or more are repaired when possible, but are replaced when repair costs exceed replacement costs. Accurate water meters ensure that customers are billed fairly for the water they use. Since water meters also are used to bill customers for their wastewater discharges, 48 percent of the funding is allocated to the Drainage and Wastewater line of business.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	6,314	554	561	567	481	491	500	510	9,979
<b>Total:</b>	6,314	554	561	567	481	491	500	510	9,979

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	6,314	554	561	567	481	491	500	510	9,979
<b>Total:</b>	6,314	554	561	567	481	491	500	510	9,979

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	6,314	554	561	567	481	491	500	510	9,979
<b>Total:</b>	6,314	554	561	567	481	491	500	510	9,979

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## SPU-Drainage & Wastewater

### Move Seattle - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4119-DWF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This multi-year project funds assessments, repairs, and improvements to SPU's drainage and wastewater utility infrastructure at sites chosen by the Seattle Department of Transportation (SDOT) for bridge improvements and pedestrian and bicycle safety improvements within its "Move Seattle" program. SPU assesses the condition of its utility infrastructure at SDOT's project sites and conducts repairs and improvements as needed. This project was formerly titled "Bridging the Gap - DWF."

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>	<hr/>								
Drainage and Wastewater Rates	625	17,360	28,170	26,899	22,820	7,147	5,857	10,100	118,978
<b>Total:</b>	625	17,360	28,170	26,899	22,820	7,147	5,857	10,100	118,978

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>	<hr/>								
Drainage and Wastewater Fund	625	17,360	28,170	26,899	22,820	7,147	5,857	10,100	118,978
<b>Total:</b>	625	17,360	28,170	26,899	22,820	7,147	5,857	10,100	118,978

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>	<hr/>								
Drainage and Wastewater Fund	625	17,360	28,170	26,899	22,820	7,147	5,857	10,100	118,978
<b>Total:</b>	625	17,360	28,170	26,899	22,820	7,147	5,857	10,100	118,978

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>	<hr/>						
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Operational Facility - Construction - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4106-DWF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing facilities project renovates, rehabilitates, and replaces existing buildings and constructs new facilities at various locations within the city limits to address deficiencies, failures, and functional changes in the SPU Lines of Business. Typical improvements include, but are not limited to, roof replacements, exterior wall or cladding replacements, and improvements to administrative office space, crew and shop space, lighting, heating and ventilation systems, and facilities structures. These improvements increase the useful life of the facilities, preserve the value of the assets, and provide a safe working environment.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	15,149	20,602	27,344	22,740	4,513	5,513	805	1,700	98,365
<b>Total:</b>	15,149	20,602	27,344	22,740	4,513	5,513	805	1,700	98,365

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	15,149	20,602	27,344	22,740	4,513	5,513	805	1,700	98,365
<b>Total:</b>	15,149	20,602	27,344	22,740	4,513	5,513	805	1,700	98,365

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	15,149	20,602	27,344	22,740	4,513	5,513	805	1,700	98,365
<b>Total:</b>	15,149	20,602	27,344	22,740	4,513	5,513	805	1,700	98,365

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Other Major Tran Projects - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4123-DWF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds Drainage and Wastewater projects that mitigate undesirable impacts from, and takes advantage of opportunities generated by, capital transportation projects of the Washington State Department of Transportation (WSDOT) and the Seattle Department of Transportation (SDOT) throughout the city. Work may include, but is not limited to, physically protecting the infrastructure during the transportation construction process, repairing and replacing damaged infrastructure, and improving existing infrastructure to meet higher standards. Project sites may include, but are not limited to, State Route 520, Interstate 5, and Interstate 90.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	121	627	750	55	0	0	0	0	1,553
<b>Total:</b>	121	627	750	55	0	0	0	0	1,553
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	121	627	750	55	0	0	0	0	1,553
<b>Total:</b>	121	627	750	55	0	0	0	0	1,553
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	121	627	750	55	0	0	0	0	1,553
<b>Total:</b>	121	627	750	55	0	0	0	0	1,553
	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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## SPU-Drainage & Wastewater

### Outfall Rehabilitation Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C3708
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C370B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Rehabilitation
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides rehabilitation of outfalls throughout Seattle Public Utilities service area. Typical improvements may include, but are not limited to, repair, rehabilitation or replacement of outfall structures. This project will investigate the condition of each of the outfalls and complete an options analysis, followed by design, construction, and closeout activities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	554	647	1,551	240	1,500	1,500	1,500	1,500	8,992
<b>Total:</b>	554	647	1,551	240	1,500	1,500	1,500	1,500	8,992

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	554	647	1,551	240	1,500	1,500	1,500	1,500	8,992
<b>Total:</b>	554	647	1,551	240	1,500	1,500	1,500	1,500	8,992

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	554	647	1,551	240	1,500	1,500	1,500	1,500	8,992
<b>Total:</b>	554	647	1,551	240	1,500	1,500	1,500	1,500	8,992

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*



## SPU-Drainage & Wastewater

### Pipe Renewal Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C3710
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C370B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Rehabilitation
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

SPU operates and maintains approximately 1,423 miles of wastewater conveyance (combined and separated) pipe. The age of this infrastructure varies; however, significant portions of the system were constructed prior to 1950. This ongoing project completes projects to repair, replace, rehabilitate and renew the collection system by various contracting and construction methods.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	21,601	27,228	28,138	27,000	20,000	20,000	20,000	24,000	187,967
<b>Total:</b>	21,601	27,228	28,138	27,000	20,000	20,000	20,000	24,000	187,967

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	21,601	27,228	28,138	27,000	20,000	20,000	20,000	24,000	187,967
<b>Total:</b>	21,601	27,228	28,138	27,000	20,000	20,000	20,000	24,000	187,967

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	21,601	27,228	28,138	27,000	20,000	20,000	20,000	24,000	187,967
<b>Total:</b>	21,601	27,228	28,138	27,000	20,000	20,000	20,000	24,000	187,967

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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## SPU-Drainage & Wastewater

### Project Delivery & Performance

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5405
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides technology applications and application upgrades in support of improvements to project delivery and performance. Planned projects include continued development of an Enterprise Project Management System, replacement of the Engineering Support Contract Payments system, and SPU's share of costs for the City's central financial system upgrades. Future projects may include development of new Enterprise Resource Planning systems such as HR provisioning and financial reporting. This project will result in an improved ability to plan and deliver projects on schedule and within budget.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	3,199	3,441	882	1,031	946	731	731	731	11,691
<b>Total:</b>	3,199	3,441	882	1,031	946	731	731	731	11,691

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	3,199	3,441	882	1,031	946	731	731	731	11,691
<b>Total:</b>	3,199	3,441	882	1,031	946	731	731	731	11,691

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	3,199	3,441	882	1,031	946	731	731	731	11,691
<b>Total:</b>	3,199	3,441	882	1,031	946	731	731	731	11,691

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Pump Station & Force Main Improvements

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C3703
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C370B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Rehabilitation
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides for improvements and upgrades to the 68 SPU-owned wastewater pump stations and force mains. Typical improvements may include, but are not limited to, replacement of existing pump station assets including pumps, motors, and valves, and installation of new assets such as SCADA systems, generators, and emergency plugs. This project enhances and extends the useful life of the existing pump stations which, in turn, protects water quality.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	2,341	11,214	15,585	9,257	4,664	4,020	4,000	4,500	55,581
<b>Total:</b>	2,341	11,214	15,585	9,257	4,664	4,020	4,000	4,500	55,581

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	2,341	11,214	15,585	9,257	4,664	4,020	4,000	4,500	55,581
<b>Total:</b>	2,341	11,214	15,585	9,257	4,664	4,020	4,000	4,500	55,581

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	2,341	11,214	15,585	9,257	4,664	4,020	4,000	4,500	55,581
<b>Total:</b>	2,341	11,214	15,585	9,257	4,664	4,020	4,000	4,500	55,581

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## SPU-Drainage & Wastewater

### Sanitary Sewer Overflow Capacity

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C3804
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C380B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Flooding, Sewer Backup & Lndsl
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program is designed to enhance wastewater service to Seattle customers by addressing current and projected capacity limitations of the wastewater system with capital infrastructure improvements. Such improvements include increased conveyance capacity, reduced sewer overflows, individual customer measures such as installation of backflow preventers or grinder pumps to reduce the risk that customers will experience backups of sewage into homes and businesses during storm events, and may also include demand management measures such as infiltration and inflow (I&I) reduction efforts and related capital improvements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	2,721	6,943	3,303	11,431	14,400	9,092	9,000	22,000	78,890
<b>Total:</b>	2,721	6,943	3,303	11,431	14,400	9,092	9,000	22,000	78,890
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	2,721	6,943	3,303	11,431	14,400	9,092	9,000	22,000	78,890
<b>Total:</b>	2,721	6,943	3,303	11,431	14,400	9,092	9,000	22,000	78,890
<b>Spending Plan</b>									
Drainage and Wastewater Fund	2,721	6,943	3,303	11,431	14,400	9,092	9,000	22,000	78,890
<b>Total:</b>	2,721	6,943	3,303	11,431	14,400	9,092	9,000	22,000	78,890
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## SPU-Drainage & Wastewater

### Science & System Performance

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5406
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project will provide new and improved technology applications and accompanying data management tools to support the gathering, monitoring, tracking and analysis of science and engineering information. Several planned projects include replacement of obsolete regulatory compliance tracking applications, upgrades to field monitoring equipment, and the integration of SCADA data with other data systems. This project enhances SPU's ability to control water quality and comply with environmental and health regulations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	239	236	350	600	688	688	688	688	4,177
<b>Total:</b>	239	236	350	600	688	688	688	688	4,177

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	239	236	350	600	688	688	688	688	4,177
<b>Total:</b>	239	236	350	600	688	688	688	688	4,177

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	239	236	350	600	688	688	688	688	4,177
<b>Total:</b>	239	236	350	600	688	688	688	688	4,177

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## SPU-Drainage & Wastewater

### Security Improvements - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4113-DWF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides physical integrated security system components throughout the City of Seattle. Typical improvements may include, but are not limited to, fences, gates, access control card readers, intercoms, lighting, door and hatch contacts, CCTV cameras, motion detection devices, and fiber and conduit.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	128	113	210	165	113	113	185	185	1,211
<b>Total:</b>	128	113	210	165	113	113	185	185	1,211

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	128	113	210	165	113	113	185	185	1,211
<b>Total:</b>	128	113	210	165	113	113	185	185	1,211

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	128	113	210	165	113	113	185	185	1,211
<b>Total:</b>	128	113	210	165	113	113	185	185	1,211

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## SPU-Drainage & Wastewater

### Sediment Remediation - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C3503
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C350B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Sediments
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program provides for City of Seattle participation in cleanup of contaminated sediment sites at multiple locations across the city for which the City's drainage and wastewater utilities may have some liability. Typical phases of such projects include preliminary studies and analyses, preliminary engineering for actual cleanup efforts, and liability allocation negotiations. This program enhances the natural environment of Seattle and addresses both State and Federal regulatory agency requirements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Drainage and Wastewater Rates	33,189	6,489	3,636	4,202	4,899	12,722	18,286	19,286	102,710
<b>Total:</b>	33,189	6,489	3,636	4,202	4,899	12,722	18,286	19,286	102,710

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	33,189	6,489	3,636	4,202	4,899	12,722	18,286	19,286	102,710
<b>Total:</b>	33,189	6,489	3,636	4,202	4,899	12,722	18,286	19,286	102,710

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	33,189	6,489	3,636	4,202	4,899	12,722	18,286	19,286	102,710
<b>Total:</b>	33,189	6,489	3,636	4,202	4,899	12,722	18,286	19,286	102,710

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*





# **Seattle Public Utilities**

## **Solid Waste**



## Seattle Public Utilities - Solid Waste

### Overview

Seattle Public Utilities (SPU) collects and disposes of solid waste generated within the City of Seattle. To fulfill this responsibility, the City owns and manages the following significant infrastructure:

- two transfer stations;
- one recycling and re-use facility;
- two household hazardous waste facilities;
- a fleet of trucks and heavy equipment; and
- three closed landfills previously used by the City.

The Solid Waste Fund (SWF) Capital Improvement Program (CIP) is the planning tool for rehabilitating, replacing, improving and expanding infrastructure, as well as constructing projects that protect, conserve, and enhance our region's environmental resources. Planned spending in the SWF CIP is approximately \$101 million over the next six years, from 2019 through 2024.

Major anticipated projects include:

- constructing a recycling/re-use facility at the South Transfer Station (2015-2021); and
- cleanup of the historic South Park Landfill (2015-2021) at the South Park Development Project.

These projects comprise roughly 68 percent of the CIP. Other significant projects include Waste Removal project at the Midway Landfill, replacement of two compactors, and SPU's annual fleet and equipment investment.

### CIP Revenue Sources

Much of the SWF CIP is funded through bonds and current cash contributions, the mix of which is determined by SWF financial policies, the overall financial health of the SWF, and the best value and equity to ratepayers. SPU issued debt in 2014, 2015, and 2016. SPU is considering, among several potential financing sources, a 2021 bond issue which would provide the remaining funds needed to complete planned SWF CIP projects through 2024. Cash contributions to construction and repayment of debt come from rate-based charges to customers whose solid waste services are handled by the City's solid waste infrastructure and services.

SPU also actively seeks grants, low-interest loans, and other funding sources whenever possible and prudent. The Solid Waste Utility is currently in the middle of a capital intensive historic landfill rehabilitation process and South Transfer Station Rebuild (STS2) project. These projects are the primary drivers of CIP spending and have required rate increases for financing.

## Seattle Public Utilities - Solid Waste

### CIP Highlights

#### 2019-2024 Proposed Solid Waste Fund CIP by BCL

(\$s in '000s; total may not sum due to rounding)

BCL	2019	2020	2021	2022	2023	2024	Total
New Facilities	3,541	21,895	15,336	18,581	5,806	200	65,359
Rehabilitation and Heavy Equipment	325	320	245	675	4,550	5,525	11,640
Shared Cost Projects	2,566	2,679	1,645	3,631	1,884	2,643	15,048
Technology	2,083	1,568	1,695	1,508	1,508	1,508	9,870
<b>Total</b>	<b>8,515</b>	<b>26,462</b>	<b>18,922</b>	<b>24,395</b>	<b>13,748</b>	<b>9,876</b>	<b>101,917</b>

**New Facilities:** This program includes the planning, design, and construction of new facilities to enhance solid waste operations. In 2019, SPU will continue to implement its Solid Waste Facilities Master Plan. The key project drivers of the New Facilities Budget Control Level (BCL) are the South Transfer Station Rebuild (STS2) and South Park Development projects.

The changes in this BCL are mainly on the STS2 Rebuild project and a pause in design for additional evaluation. Now that the preliminary site design has been fully approved by SPU leadership, the project team will pick up at 30% design and advance the project toward completion with an overall delay of 18 months. The changes also reflect delay to the South Park Development project.

**Rehabilitation and Heavy Equipment:** This program includes design and construction of projects that repair and/or upgrade solid waste facilities other than the transfer stations. The key drivers of this BCL are the Midway project and new funding for the Solid Waste Comprehensive Plan Update as required by the Washington State Department of Ecology.

**Shared Cost Projects:** This program includes individual capital improvement projects which typically benefit multiple Lines of Business (LOB) (e.g. the Water LOB and the Drainage and Wastewater LOB) and whose costs are "shared," or paid for by more than one of SPU's utility funds.

The proposed budget for this BCL will increase in 2019, driven largely by the change in Heavy Equipment Purchases which reflect the best estimate of the required fleet of trucks and heavy equipment for the Transfer Stations.

**Technology:** The Technology capital portfolio is managed in six program areas, which provide a department-wide view of technology investments to address SPU's strategic, business, and City-wide priorities. These areas are:

- Customer Contact and Billing
- Enterprise Information Management

#### 2019-2024 Proposed Capital Improvement Plan

## Seattle Public Utilities - Solid Waste

- IT Infrastructure
- Project Delivery & Performance
- Science & System Performance
- Asset Information Management

Investments in 2019 address several of SPU's key initiatives, including:

- Financial Management and Internal Controls
- Operational Excellence and Performance Management
- An Easy and Engaged Customer Experience
- Data-driven Decision Support
- Project Delivery/Project Controls

In 2019, SPU will focus its technology spending on the highest priority business needs. These projects will be primarily in the Customer Contact and Billing Program, Project Delivery and Performance Program, as well as the Asset Information Management Program.

With the New Customer Information System (CIS) already in place, the next major projects for SPU within the Customer Contact and Billing Program would be the Utilities CSS Portal project as well as other projects such as CIS Workflow and the CIS Reporting. These projects will improve staff interface, work planning, and data reporting in the CIS to improve customer service and operational efficiency. Other projects slated would be enhancements to SPU's Enterprise Project Management System (EPMS) as well as the Development Systems Integration project, along with other projects that have been deferred in previous years

### **Thematic Priorities**

The SWF places a high priority on managing environmental issues and addressing regulatory requirements related to current and historic solid waste facilities while protecting employees and customer health and safety.

- Managing environmental issues and regulations: SPU is required to improve former landfill sites and take action as necessary when conditions change. For example, underground gas levels at these sites are monitored. When increasing gas levels are detected, SPU implements improvements to extract the excess gas or otherwise mitigate the environmental impacts of the gas increase. Landfill projects are also triggered by WSDOT improvements to I-5 that require modification to landfill infrastructure in the right-of-way. Additionally, the new transfer stations are designed to reduce the environmental impacts of the existing stations on neighboring communities.

### **Project Selection Criteria**

SPU identifies candidate capital projects from several sources – planning (e.g., comprehensive plans, program plans), external projects and opportunities, and emergencies or other unexpected events. Under SPU's Asset Management System, projects must be justified through a business case process that establishes that a problem or opportunity is timely and important and that the proposed solution is superior to alternatives based on a triple bottom line analysis (economic, environmental, and social) of life-cycle benefits and costs. The process also recognizes that a project may be a "must do" project (e.g. required by regulations).

## Seattle Public Utilities - Solid Waste

SPU prioritizes its capital projects into three categories – Priorities 1, 2 and 3, with 1 being the most important and critical. Some of these projects are part of an externally-driven project. Typically, SPU lacks control over the timing of such projects.

Priority rankings are based on the following set of criteria:

- **Regulatory Mandates, Legal Agreements:** The degree to which the project is driven by Federal, State, and local laws, permit and regulatory requirements, and consent decrees; as well as by legal agreements with public and private parties. Examples of highly ranked projects in this category include the South Park Development project and Kent Highlands and Midway Landfills programs.
- **External Drivers:** SPU’s responsiveness to, or engagement with, the projects of other departments or jurisdictions, and the specific mandates of the City Council and Mayor. Examples of projects in this category include the 1% for Arts program.
- **Infrastructure:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the South Transfer Station Rebuild (STS2) project.
- **Level of Service:** The importance of this project in providing or improving services to customers. Examples of highly ranked projects in this category include the South Transfer Station Rebuild (STS2) project.
- **Other Factors:** Other important factors include high net present value or cost-effectiveness, social or environmental benefits that were not otherwise recognized, a project already in progress or near completion, limited time opportunity, demonstration projects, community visibility, or outside funding.

**Every project is rated against each criterion.** Criteria ratings are then considered in determining an overall project priority ranking, using expert judgment (rather than a formula). Priority rankings for the CIP are determined by the leads for each LOB, with reviews by key internal stakeholders. The ranking scheme and criteria are the same for all LOBs and are approved by the SPU GM/CEO and Asset Management Committee. Project priority rankings are used to clarify and document which projects are most important and why, to help determine which projects at the margin will be included, excluded or deferred from the CIP, and which projects should receive priority attention if a staff or financial resource constraint should arise.

### Summary of Upcoming Budget Issues and Challenges

Solid Waste faces logistical and financial issues as it reconstructs its primary facilities and addresses site cleanup efforts.

- Logistics: SWF is focusing on redevelopment of the South Transfer Station Rebuild (STS2) and must continue to utilize the site for trailer parking and household hazardous waste collection during construction.
- Financial Challenges: Reconstruction of the South Transfer Station Rebuild (STS2) along with site remediation efforts puts considerable short-term financial strain on the SWF. While the SWF is funding and building these major projects, it is working to address environmental stewardship by encouraging waste reduction and recycling, which results in declining demand for services.

## Seattle Public Utilities - Solid Waste

To address the funding needed to reconstruct and remediate the transfer stations, SPU issued bonds in 2014, 2015, and 2016. The cost to repay or service these bonds will be paid through rate-based revenues, which also support SPU operations, maintenance, administration, and contract costs. To assure that the SWF has adequate revenues to support debt service and core functions while demand declines, SPU anticipates using a combination of rate increases and existing cash balances.

### **Future Projects/What is on the Horizon**

Once the South Transfer Station rebuild is completed, the core SWF CIP is expected to approximate the lower spending levels. General SW CIP spending will return to between \$5 and \$10 million annually after this project is completed, compared to a high of \$25 million planned for 2022.

Once the South Transfer Station is rebuilt, annual costs for repairs and upkeep are projected to decrease initially and then increase as equipment replacement/renewal projects are required. Part of the South Transfer Station rebuild is to retain enough space to take advantage for future technologies and innovations, and possibly construct a Material Recovery Facility or some other waste reduction or recovery facility in the future to increase the recycling rate and help SPU achieve its environmental goals. No decisions have been made at this time.





# SPU-Solid Waste

## Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
<b>New Facilities</b>									
<u>Discrete</u>									
South Park Development (MC-SU-C2304)	5,169	579	457	8,650	4,407	2,611	511	0	22,384
South Transfer Station Rebuild (MC-SU-C2302)	2,689	2,290	1,919	12,839	10,780	12,970	2,296	0	45,782
<u>Ongoing</u>									
Miscellaneous Station Improvement (MC-SU-C2303)	3,006	608	1,165	405	150	3,000	3,000	200	11,534
<b>New Facilities</b>	10,864	3,477	3,541	21,895	15,336	18,581	5,806	200	79,701
<b>Rehabilitation &amp; Heavy Eqpt</b>									
<u>Discrete</u>									
SW Comprehensive Plan Update (MC-SU-C2407)	0	150	150	100	50	50	0	0	500
<u>Ongoing</u>									
Kent Highlands (MC-SU-C2402)	397	50	25	50	25	25	50	25	647
Midway Landfill (MC-SU-C2403)	154	70	150	170	170	600	4,500	5,500	11,314
<b>Rehabilitation &amp; Heavy Eqpt</b>	551	270	325	320	245	675	4,550	5,525	12,461
<b>Shared Cost Projects</b>									
<u>Ongoing</u>									
1% for Arts - SWF (MC-SU-C4118-SWF)	1,912	28	25	131	109	140	23	1	2,370
Heavy Equipment Purchases - SWF (MC-SU-C4116-SWF)	8,582	1,270	1,768	2,158	1,362	2,337	1,648	2,352	21,479
Operational Facility - Construction - SWF (MC-SU-C4106-SWF)	1	500	607	255	75	1,054	48	125	2,665
Security Improvements - SWF (MC-SU-C4113-SWF)	448	100	165	135	100	100	165	165	1,378
<b>Shared Cost Projects</b>	10,943	1,898	2,566	2,679	1,645	3,631	1,884	2,643	27,891
<b>Technology</b>									

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### 2019 - 2024 Proposed Capital Improvement Program

Ongoing

Asset Information Management (MC-SU-C5407)	0	165	457	345	300	300	300	300	2,167
Customer Contact & Billing (MC-SU-C5402)	2	1,631	938	398	188	150	150	150	3,605
Enterprise Information Management (MC-SU-C5403)	0	113	151	270	375	300	300	300	1,809
IT Infrastructure (MC-SU-C5404)	0	89	231	188	263	263	263	263	1,557
Project Delivery & Performance (MC-SU-C5405)	1,246	1,192	308	368	330	255	255	255	4,208
Science & System Performance (MC-SU-C5406)	0	30	0	0	240	240	240	240	990
<b>Technology</b>	<b>1,248</b>	<b>3,220</b>	<b>2,083</b>	<b>1,568</b>	<b>1,695</b>	<b>1,508</b>	<b>1,508</b>	<b>1,508</b>	<b>14,336</b>
<b>Department Total:</b>	<b>23,606</b>	<b>8,865</b>	<b>8,515</b>	<b>26,462</b>	<b>18,922</b>	<b>24,395</b>	<b>13,748</b>	<b>9,876</b>	<b>134,389</b>

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

**SPU-Solid Waste**

**Fund Summary**

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
Solid Waste Fund (45010)	23,606	8,865	8,515	26,462	18,922	24,395	13,748	9,876	134,389
<b>Department Total:</b>	23,606	8,865	8,515	26,462	18,922	24,395	13,748	9,876	134,389

*\*Amounts in thousands of dollars*

**2019 - 2024 Proposed Capital Improvement Program**



**South Park Development**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C2304
<b>Start/End Date:</b>	2007-2023	<b>BSL/Program Code:</b>	BC-SU-C230B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	New Facilities
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	8100 2nd Ave S
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$22,384	<b>Urban Village:</b>	Greater Duwamish

This project studies, plans, designs and constructs remediation of the historic South Park Landfill site to minimize environmental impacts. SPU owns a portion of the site on which the landfill once operated, and was a historic operator of the landfill at one time. This project will meet the requirements of a Washington Department of Ecology Agreed Order for study of and cleanup planning for the historic South Park Landfill.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	5,169	579	457	8,650	4,407	2,611	511	0	22,384
<b>Total:</b>	5,169	579	457	8,650	4,407	2,611	511	0	22,384

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	5,169	579	457	8,650	4,407	2,611	511	0	22,384
<b>Total:</b>	5,169	579	457	8,650	4,407	2,611	511	0	22,384

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	5,169	579	457	8,650	4,407	2,611	511	0	22,384
<b>Total:</b>	5,169	579	457	8,650	4,407	2,611	511	0	22,384

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**South Transfer Station Rebuild**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C2302
<b>Start/End Date:</b>	2006-2023	<b>BSL/Program Code:</b>	BC-SU-C230B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	New Facilities
<b>Current Project Stage:</b>	Design	<b>Location:</b>	8100 2nd AVE S
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$45,782	<b>Urban Village:</b>	Greater Duwamish

This project transforms the existing South Recycling and Disposal Station to a recycling and reuse area. The existing transfer station building and associated facilities will be demolished and replaced with new recycling facilities, a reuse facility, parking and storage area for transfer trailers, and other solid waste facilities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	2,689	2,290	1,919	12,839	10,780	12,970	2,296	0	45,782
<b>Total:</b>	2,689	2,290	1,919	12,839	10,780	12,970	2,296	0	45,782

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	2,689	2,290	1,919	12,839	10,780	12,970	2,296	0	45,782
<b>Total:</b>	2,689	2,290	1,919	12,839	10,780	12,970	2,296	0	45,782

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	2,689	2,290	1,919	12,839	10,780	12,970	2,296	0	45,782
<b>Total:</b>	2,689	2,290	1,919	12,839	10,780	12,970	2,296	0	45,782

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**SW Comprehensive Plan Update**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C2407
<b>Start/End Date:</b>	2009-2022	<b>BSL/Program Code:</b>	BC-SU-C240B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Rehabilitation & Heavy Eqpt
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$500	<b>Urban Village:</b>	Multiple

A Seattle Solid Waste Management Plan is required by Washington State Code. The plan must be updated every five years. The Comprehensive Plan guides the City's solid waste management.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	0	150	150	100	50	50	0	0	500
<b>Total:</b>	0	150	150	100	50	50	0	0	500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	0	150	150	100	50	50	0	0	500
<b>Total:</b>	0	150	150	100	50	50	0	0	500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	0	150	150	100	50	50	0	0	500
<b>Total:</b>	0	150	150	100	50	50	0	0	500

		2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**1% for Arts - SWF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4118-SWF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides the Solid Waste funding for Seattle Public Utilities' 1% for Arts contribution. Eligibility is determined at the individual project level, with payment occurring from this project. Funds contributed to the 1% for Art project allow the commission, purchase, and installation of art in City-owned properties that are accessible to the public. The Municipal Arts Plan, prepared annually, describes the status of ongoing art projects and establishes the scope of work and allocations for new art projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	1,912	28	25	131	109	140	23	1	2,370
<b>Total:</b>	1,912	28	25	131	109	140	23	1	2,370

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	1,912	28	25	131	109	140	23	1	2,370
<b>Total:</b>	1,912	28	25	131	109	140	23	1	2,370

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	1,912	28	25	131	109	140	23	1	2,370
<b>Total:</b>	1,912	28	25	131	109	140	23	1	2,370

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.



**Asset Information Management**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5407
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides applications, upgrades and data management tools in support of SPU's work and asset management projects. Several new and updated technology solutions designed to enhance the efficiency and effectiveness of drinking water, sewer, drainage, and solid waste operations are planned. Activities within this project aim to further enhance safety and improve responsiveness of SPU's utility operations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	0	165	457	345	300	300	300	300	2,167
<b>Total:</b>	0	165	457	345	300	300	300	300	2,167

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	0	165	457	345	300	300	300	300	2,167
<b>Total:</b>	0	165	457	345	300	300	300	300	2,167

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	0	165	457	345	300	300	300	300	2,167
<b>Total:</b>	0	165	457	345	300	300	300	300	2,167

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Customer Contact & Billing**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5402
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides technology solutions and business application upgrades in support of SPU's Customer Contact Center and activities carried out by the Customer Service Branch. Planned projects include, but are not limited to, enhancements to the New Customer Billing System and new technology solutions for enhanced customer contact management. This ongoing project is intended to enhance customer service, customer contact, and ensure accurate Utility billing.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	2	1,631	938	398	188	150	150	150	3,605
<b>Total:</b>	2	1,631	938	398	188	150	150	150	3,605

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	2	1,631	938	398	188	150	150	150	3,605
<b>Total:</b>	2	1,631	938	398	188	150	150	150	3,605

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	2	1,631	938	398	188	150	150	150	3,605
<b>Total:</b>	2	1,631	938	398	188	150	150	150	3,605

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Enterprise Information Management**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5403
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides integrated technology solutions in support of the management of SPU's corporate knowledge, including data, information, documents, and web content. Typical improvements may include, but are not limited to, replacement of shared file storage, new online collaboration tools, introduction of workflow, tracking & reporting applications, web content management systems, and an enterprise document management solution. This ongoing project enhances SPU's ability to retrieve, share, distribute and manage corporate information.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	0	113	151	270	375	300	300	300	1,809
<b>Total:</b>	0	113	151	270	375	300	300	300	1,809

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	0	113	151	270	375	300	300	300	1,809
<b>Total:</b>	0	113	151	270	375	300	300	300	1,809

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	0	113	151	270	375	300	300	300	1,809
<b>Total:</b>	0	113	151	270	375	300	300	300	1,809

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Heavy Equipment Purchases - SWF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4116-SWF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides SPU's Solid Waste Utility crews with new and replacement heavy equipment that is used throughout Seattle and in parts of King County. Typical purchases include loaders, dozers, class8 trucks, rail container chassis, yard waste and metal trailers, backhoes, and yard "goats" (a type of tractor.) These equipment purchases provide safe and efficient loading, transfer and short haul transportation of garbage, yard waste, metal, and other recyclables to the rail yard for "long haul" to the landfill and to contracted recycling processors. This project is one of three SPU fund-specific heavy equipment CIP projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	8,582	1,270	1,768	2,158	1,362	2,337	1,648	2,352	21,479
<b>Total:</b>	8,582	1,270	1,768	2,158	1,362	2,337	1,648	2,352	21,479

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	8,582	1,270	1,768	2,158	1,362	2,337	1,648	2,352	21,479
<b>Total:</b>	8,582	1,270	1,768	2,158	1,362	2,337	1,648	2,352	21,479

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	8,582	1,270	1,768	2,158	1,362	2,337	1,648	2,352	21,479
<b>Total:</b>	8,582	1,270	1,768	2,158	1,362	2,337	1,648	2,352	21,479

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**IT Infrastructure**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5404
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing IT asset management project ensures the availability, reliability, and security of SPU's corporate computing infrastructure. The project acquires and maintains SPU-owned and managed servers, local networks, shared storage and backup systems, operating software, and communications infrastructure.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	0	89	231	188	263	263	263	263	1,557
<b>Total:</b>	0	89	231	188	263	263	263	263	1,557

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	0	89	231	188	263	263	263	263	1,557
<b>Total:</b>	0	89	231	188	263	263	263	263	1,557

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	0	89	231	188	263	263	263	263	1,557
<b>Total:</b>	0	89	231	188	263	263	263	263	1,557

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Kent Highlands**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C2402
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C240B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Rehabilitation & Heavy Eqpt
		<b>Location:</b>	Kent Highlands
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This program funds compliance activities related to the Kent Highlands landfill closure project. These activities include environmental and feasibility studies to demonstrate the effectiveness of the Kent Highlands landfill closure project, as well as various landfill improvements. The environmental and feasibility studies are required under the existing Consent Decree with the State Department of Ecology and validate that current environmental controls are effective and reduce the likelihood of additional capital or O&M expenditures. The landfill improvements include replacement of existing flares, drainage improvements, groundwater protection and water treatment.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Solid Waste Rates	397	50	25	50	25	25	50	25	647
<b>Total:</b>	397	50	25	50	25	25	50	25	647

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

Solid Waste Fund	397	50	25	50	25	25	50	25	647
<b>Total:</b>	397	50	25	50	25	25	50	25	647

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

Solid Waste Fund	397	50	25	50	25	25	50	25	647
<b>Total:</b>	397	50	25	50	25	25	50	25	647

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Midway Landfill**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C2403
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C240B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Rehabilitation & Heavy Eqpt
		<b>Location:</b>	Kent
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This program funds compliance activities related to the Midway landfill closure project. These activities include environmental and feasibility studies to demonstrate the effectiveness of the Midway landfill closure project. The studies are required under the existing Consent Decree with the State Department of Ecology and validate that current environmental controls are effective and reduce the likelihood of additional capital or O&M expenditures. The flare improvements are also a regulatory requirement. To ensure that SPU maintains regulatory compliance, a smaller flare or new technology will be required. The current telemetry used to monitor the environmental control systems at the Kent Highlands Landfill and the Midway Landfill, both Superfund sites, are nearly obsolete and the equipment is no longer supported. In addition, the current system only transmits alarm conditions and does not have any data acquisition functionality. This program funds a replacement system that will allow remote data acquisition as well as alarm functionality.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	154	70	150	170	170	600	4,500	5,500	11,314
<b>Total:</b>	154	70	150	170	170	600	4,500	5,500	11,314

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	154	70	150	170	170	600	4,500	5,500	11,314
<b>Total:</b>	154	70	150	170	170	600	4,500	5,500	11,314

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	154	70	150	170	170	600	4,500	5,500	11,314
<b>Total:</b>	154	70	150	170	170	600	4,500	5,500	11,314

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2019 - 2024 Proposed Capital Improvement Program**

**Miscellaneous Station Improvement**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C2303
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C230B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	New Facilities
		<b>Location:</b>	2nd Ave S
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	1
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Greater Duwamish

This project provides modifications, upgrades and wear replacement for the two new City Transfer Stations. The new facilities will require periodic capital upgrades and replacement to extend the useful life of these assets. Examples of this work include improvements to the South Transfer Station (STS) wheelwash and floor drain system to meet regulatory requirements and replacement of the wear surface on the STS tipping floor or modifications to optimize the NTS facility.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	3,006	608	1,165	405	150	3,000	3,000	200	11,534
<b>Total:</b>	3,006	608	1,165	405	150	3,000	3,000	200	11,534

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	3,006	608	1,165	405	150	3,000	3,000	200	11,534
<b>Total:</b>	3,006	608	1,165	405	150	3,000	3,000	200	11,534

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	3,006	608	1,017	405	150	3,000	3,000	200	11,386
<b>Total:</b>	3,006	608	1,017	405	150	3,000	3,000	200	11,386

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2019 - 2024 Proposed Capital Improvement Program**



**Operational Facility - Construction - SWF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4106-SWF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing facilities project renovates, rehabilitates, replaces existing buildings, and constructs new facilities at various locations within the city limits to address deficiencies, failures, and functional changes in the SPU Lines of Business. Typical improvements include, but are not limited to, roof replacements, exterior wall or cladding replacements, and improvements to administrative office space, crew and shop space, lighting, heating and ventilation systems, and facilities structures. These improvements increase the useful life of the facilities, preserve the value of the assets, and provide a safe working environment.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	1	500	607	255	75	1,054	48	125	2,665
<b>Total:</b>	1	500	607	255	75	1,054	48	125	2,665

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	1	500	607	255	75	1,054	48	125	2,665
<b>Total:</b>	1	500	607	255	75	1,054	48	125	2,665

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	1	500	607	255	75	1,054	48	125	2,665
<b>Total:</b>	1	500	607	255	75	1,054	48	125	2,665

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Project Delivery & Performance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5405
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides technology applications and application upgrades in support of improvements to project delivery and performance. Planned projects include continued development of an Enterprise Project Management System, replacement of the Engineering Support Contract Payments system, and SPU's share of costs for the City's central financial system upgrades. Future projects may include development of new Enterprise Resource Planning systems such as HR provisioning and financial reporting. This project will result in an improved ability to plan and deliver projects on schedule and within budget.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	1,246	1,192	308	368	330	255	255	255	4,208
<b>Total:</b>	1,246	1,192	308	368	330	255	255	255	4,208

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	1,246	1,192	308	368	330	255	255	255	4,208
<b>Total:</b>	1,246	1,192	308	368	330	255	255	255	4,208

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	1,246	1,192	308	368	330	255	255	255	4,208
<b>Total:</b>	1,246	1,192	308	368	330	255	255	255	4,208

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Science & System Performance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5406
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project will provide new and improved technology applications and accompanying data management tools to support the gathering, monitoring, tracking and analysis of science and engineering information. Several planned projects include replacement of obsolete regulatory compliance tracking applications, upgrades to field monitoring equipment, and the integration of SCADA data with other data systems. This project enhances SPU's ability to control water quality and comply with environmental and health regulations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	0	30	0	0	240	240	240	240	990
<b>Total:</b>	0	30	0	0	240	240	240	240	990

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	0	30	0	0	240	240	240	240	990
<b>Total:</b>	0	30	0	0	240	240	240	240	990

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	0	30	0	0	240	240	240	240	990
<b>Total:</b>	0	30	0	0	240	240	240	240	990

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Security Improvements - SWF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4113-SWF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds physical, integrated security system components at Solid Waste infrastructure sites throughout the City. Components may include, but are not limited to, fences, gates, access control card readers, intercoms, lighting, door and hatch contacts, CCTV cameras, motion detection devices, and fiber and conduit.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Solid Waste Rates	448	100	165	135	100	100	165	165	1,378
<b>Total:</b>	448	100	165	135	100	100	165	165	1,378

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	448	100	165	135	100	100	165	165	1,378
<b>Total:</b>	448	100	165	135	100	100	165	165	1,378

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	448	100	165	135	100	100	165	165	1,378
<b>Total:</b>	448	100	165	135	100	100	165	165	1,378

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

# **Seattle Public Utilities**

## **Technology Projects**



# SPU-Technology

## Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
<b>Technology</b>									
<u>Ongoing</u>									
Asset Information Management (MC-SU-C5407)	0	1,025	3,081	1,850	2,000	2,000	2,000	2,000	13,956
Customer Contact & Billing (MC-SU-C5402)	6	4,373	3,250	2,650	1,250	1,000	1,000	1,000	14,529
Enterprise Information Management (MC-SU-C5403)	0	755	1,300	1,800	2,500	2,000	2,000	2,000	12,355
IT Infrastructure (MC-SU-C5404)	0	594	1,537	1,250	1,750	1,750	1,750	1,750	10,381
Project Delivery & Performance (MC-SU-C5405)	8,038	8,151	2,050	2,450	2,200	1,700	1,700	1,700	27,989
Science & System Performance (MC-SU-C5406)	479	1,520	1,655	1,200	1,600	1,600	1,600	1,600	11,254
<b>Technology</b>	8,523	16,417	12,873	11,200	11,300	10,050	10,050	10,050	90,463
<b>Department Total:</b>	8,523	16,417	12,873	11,200	11,300	10,050	10,050	10,050	90,463

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## SPU-Technology

### Fund Summary

Fund Name & Code	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
Drainage and Wastewater Fund (44010)	3,440	6,198	5,257	4,951	4,837	4,299	4,299	4,299	37,581
Solid Waste Fund (45010)	1,248	3,220	2,083	1,568	1,695	1,508	1,508	1,508	14,336
Water Fund (43000)	3,835	6,999	5,532	4,681	4,769	4,244	4,244	4,244	38,546
<b>Department Total:</b>	<b>8,523</b>	<b>16,417</b>	<b>12,873</b>	<b>11,200</b>	<b>11,300</b>	<b>10,050</b>	<b>10,050</b>	<b>10,050</b>	<b>90,463</b>

*\*Amounts in thousands of dollars*

### 2019 - 2024 Proposed Capital Improvement Program



**Asset Information Management**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5407
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides applications, upgrades and data management tools in support of SPU's work and asset management projects. Several new and updated technology solutions designed to enhance the efficiency and effectiveness of drinking water, sewer, drainage, and solid waste operations are planned. Activities within this project aim to further enhance safety and improve responsiveness of SPU's utility operations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	252	1,104	602	840	840	840	840	5,318
Drainage and Wastewater Rates	0	608	1,520	903	860	860	860	860	6,471
Solid Waste Rates	0	165	457	345	300	300	300	300	2,167
<b>Total:</b>	0	1,025	3,081	1,850	2,000	2,000	2,000	2,000	13,956

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	252	1,104	602	840	840	840	840	5,318
Drainage and Wastewater Fund	0	608	1,520	903	860	860	860	860	6,471
Solid Waste Fund	0	165	457	345	300	300	300	300	2,167
<b>Total:</b>	0	1,025	3,081	1,850	2,000	2,000	2,000	2,000	13,956

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	252	1,104	602	840	840	840	840	5,318
Drainage and Wastewater Fund	0	608	1,520	903	860	860	860	860	6,471
Solid Waste Fund	0	165	457	345	300	300	300	300	2,167
<b>Total:</b>	0	1,025	3,081	1,850	2,000	2,000	2,000	2,000	13,956

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

**Customer Contact & Billing**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5402
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides technology solutions and business application upgrades in support of SPU's Customer Contact Center and activities carried out by the Customer Service Branch. Planned projects include, but are not limited to, enhancements to the New Customer Billing System and new technology solutions for enhanced customer contact management. This ongoing project is intended to enhance customer service, customer contact, and ensure accurate Utility billing.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	2	1,391	1,165	1,113	525	420	420	420	5,456
Drainage and Wastewater Rates	2	1,351	1,148	1,140	538	430	430	430	5,468
Solid Waste Rates	2	1,631	938	398	188	150	150	150	3,605
<b>Total:</b>	6	4,373	3,250	2,650	1,250	1,000	1,000	1,000	14,529

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	2	1,391	1,165	1,113	525	420	420	420	5,456
Drainage and Wastewater Fund	2	1,351	1,148	1,140	538	430	430	430	5,468
Solid Waste Fund	2	1,631	938	398	188	150	150	150	3,605
<b>Total:</b>	6	4,373	3,250	2,650	1,250	1,000	1,000	1,000	14,529

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	2	1,391	1,165	1,113	525	420	420	420	5,456
Drainage and Wastewater Fund	2	1,351	1,148	1,140	538	430	430	430	5,468
Solid Waste Fund	2	1,631	938	398	188	150	150	150	3,605
<b>Total:</b>	6	4,373	3,250	2,650	1,250	1,000	1,000	1,000	14,529

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## SPU-Technology

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

**Enterprise Information Management**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5403
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides integrated technology solutions in support of the management of SPU's corporate knowledge, including data, information, documents, and web content. Typical improvements may include, but are not limited to, replacement of shared file storage, new online collaboration tools, introduction of workflow, tracking & reporting applications, web content management systems, and an enterprise document management solution. This ongoing project enhances SPU's ability to retrieve, share, distribute and manage corporate information.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	317	423	757	1,050	840	840	840	5,067
Drainage and Wastewater Rates	0	325	727	772	1,075	860	860	860	5,479
Solid Waste Rates	0	113	151	270	375	300	300	300	1,809
<b>Total:</b>	0	755	1,300	1,800	2,500	2,000	2,000	2,000	12,355

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	317	423	757	1,050	840	840	840	5,067
Drainage and Wastewater Fund	0	325	727	772	1,075	860	860	860	5,479
Solid Waste Fund	0	113	151	270	375	300	300	300	1,809
<b>Total:</b>	0	755	1,300	1,800	2,500	2,000	2,000	2,000	12,355

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	317	423	757	1,050	840	840	840	5,067
Drainage and Wastewater Fund	0	325	727	772	1,075	860	860	860	5,479

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	0	113	151	270	375	300	300	300	1,809
<b>Total:</b>	0	755	1,300	1,800	2,500	2,000	2,000	2,000	12,355
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### **2019 - 2024 Proposed Capital Improvement Program**

**IT Infrastructure**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5404
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing IT asset management project ensures the availability, reliability, and security of SPU's corporate computing infrastructure. The project acquires and maintains SPU-owned and managed servers, local networks, shared storage and backup systems, operating software, and communications infrastructure.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	267	675	558	758	758	758	758	4,529
Drainage and Wastewater Rates	0	238	632	505	730	730	730	730	4,294
Solid Waste Rates	0	89	231	188	263	263	263	263	1,557
<b>Total:</b>	0	594	1,537	1,250	1,750	1,750	1,750	1,750	10,381

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	267	675	558	758	758	758	758	4,529
Drainage and Wastewater Fund	0	238	632	505	730	730	730	730	4,294
Solid Waste Fund	0	89	231	188	263	263	263	263	1,557
<b>Total:</b>	0	594	1,537	1,250	1,750	1,750	1,750	1,750	10,381

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	267	675	558	758	758	758	758	4,529
Drainage and Wastewater Fund	0	238	632	505	730	730	730	730	4,294
Solid Waste Fund	0	89	231	188	263	263	263	263	1,557
<b>Total:</b>	0	594	1,537	1,250	1,750	1,750	1,750	1,750	10,381

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**



**Project Delivery & Performance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5405
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides technology applications and application upgrades in support of improvements to project delivery and performance. Planned projects include continued development of an Enterprise Project Management System, replacement of the Engineering Support Contract Payments system, and SPU's share of costs for the City's central financial system upgrades. Future projects may include development of new Enterprise Resource Planning systems such as HR provisioning and financial reporting. This project will result in an improved ability to plan and deliver projects on schedule and within budget.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	3,593	3,518	861	1,052	924	714	714	714	12,090
Drainage and Wastewater Rates	3,199	3,441	882	1,031	946	731	731	731	11,691
Solid Waste Rates	1,246	1,192	308	368	330	255	255	255	4,208
<b>Total:</b>	<b>8,038</b>	<b>8,151</b>	<b>2,050</b>	<b>2,450</b>	<b>2,200</b>	<b>1,700</b>	<b>1,700</b>	<b>1,700</b>	<b>27,989</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	3,593	3,518	861	1,052	924	714	714	714	12,090
Drainage and Wastewater Fund	3,199	3,441	882	1,031	946	731	731	731	11,691
Solid Waste Fund	1,246	1,192	308	368	330	255	255	255	4,208
<b>Total:</b>	<b>8,038</b>	<b>8,151</b>	<b>2,050</b>	<b>2,450</b>	<b>2,200</b>	<b>1,700</b>	<b>1,700</b>	<b>1,700</b>	<b>27,989</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	3,593	3,518	861	1,052	924	714	714	714	12,090
Drainage and Wastewater Fund	3,199	3,441	882	1,031	946	731	731	731	11,691

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	1,246	1,192	308	368	330	255	255	255	4,208
<b>Total:</b>	8,038	8,151	2,050	2,450	2,200	1,700	1,700	1,700	27,989
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

**Science & System Performance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5406
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project will provide new and improved technology applications and accompanying data management tools to support the gathering, monitoring, tracking and analysis of science and engineering information. Several planned projects include replacement of obsolete regulatory compliance tracking applications, upgrades to field monitoring equipment, and the integration of SCADA data with other data systems. This project enhances SPU's ability to control water quality and comply with environmental and health regulations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	239	1,254	1,305	600	672	672	672	672	6,086
Drainage and Wastewater Rates	239	236	350	600	688	688	688	688	4,177
Solid Waste Rates	0	30	0	0	240	240	240	240	990
<b>Total:</b>	479	1,520	1,655	1,200	1,600	1,600	1,600	1,600	11,254

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	239	1,254	1,305	600	672	672	672	672	6,086
Drainage and Wastewater Fund	239	236	350	600	688	688	688	688	4,177
Solid Waste Fund	0	30	0	0	240	240	240	240	990
<b>Total:</b>	479	1,520	1,655	1,200	1,600	1,600	1,600	1,600	11,254

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	239	1,254	1,305	600	672	672	672	672	6,086
Drainage and Wastewater Fund	239	236	350	600	688	688	688	688	4,177

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Solid Waste Fund	0	30	0	0	240	240	240	240	990
<b>Total:</b>	479	1,520	1,655	1,200	1,600	1,600	1,600	1,600	11,254
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

# **Seattle Public Utilities**

## **Water**



### Overview

Seattle Public Utilities (SPU) delivers an average of approximately 120 million gallons of drinking water per day to 1.4 million people and businesses in Seattle and 18 surrounding cities and water districts, plus the Cascade Water Alliance. The water system infrastructure includes:

- The Cedar and South Fork Tolt supply sources
- Three groundwater wells
- Two primary water treatment plants
- 11 booster chlorination facilities
- 327 million gallons of treated water storage
- 31 pump stations
- Approximately 1,900 miles of transmission and distribution system pipelines
- Almost 200,000 meters and service connections
- More than 21,000 distribution system valves
- About 18,000 hydrants
- Monitoring and control systems
- Various buildings and other related facilities

In addition to replacing and improving the supply, treatment, transmission and distribution systems, the capital program includes investments in watershed stewardship projects, Cedar River Watershed Habitat Conservation Plan implementation, water conservation programs, vehicles, heavy equipment, and technology.

Planned spending in the Water Capital Improvement Program (CIP) is \$530 million over the next six years. Major projects include:

- water system improvements associated with transportation projects, including Move Seattle, Center City Street car; Lander Street Grade Separation; East Marginal Way Heavy Haul Corridor; Madison Bus Rapid Transit;
- operational and Regional Facility construction;
- replacement of the Bitter Lake and Lake Forest Park Reservoirs floating covers; and,
- addressing a slide area through which the Tolt Pipelines pass, upstream of the Tolt Treatment Plant.

The 2019-2024 Proposed CIP also includes many ongoing programs, such as improving the distribution and transmission system water mains, valves, steel storage tanks, and pump stations; watershed stewardship and conservation projects and programs; and facilities, vehicles, and heavy equipment investments.

SPU funds Water capital projects through a combination of cash and issuance of bonds. The primary source of cash and debt repayment funds come from sale of water charged to retail and wholesale customers in the region. SPU is also in the final review and approval stages of its Water System Plan 2019, a Washington Department of Health (WDOH) regulatory requirement. Among many elements, the Water System Plan plans for SPU's capital needs for the next 20 years.

### Thematic Priorities

The overarching goal of the Water CIP is to ensure that the water system is properly maintained, upgraded, and expanded to reliably deliver high-quality, safe drinking water to customers, protect the environment, and comply with regulations. The primary themes driving the CIP in the next six years are asset preservation, health and human safety, environmental sustainability, and race and social justice.

- SPU is committed to making **asset preservation** investments to create or enhance operational efficiency. SPU uses asset management principles to determine the timing of rehabilitation or replacement of its infrastructure. Projects that fall into this category vary, ranging from water main replacement related to transportation projects to decommissioning of steel storage facilities.
- SPU's commitment to **health and human safety** is also addressed through SPU's reservoir covering projects. Consistent with Ordinance 120899 and required by state regulators, SPU has been replacing its open finished drinking water reservoirs with underground structures that will improve water quality and system security. Seismic retrofits are planned for four of the buried reservoirs that have design flaws. Additionally, by 2019, SPU will begin constructing new covers on the Lake Forest Park and Bitter Lake reservoirs to replace the existing floating covers that will have reached the end of their useful life.
- SPU is committed to **environmental sustainability**. This can best be seen in SPU's responsibilities as outlined in the 50-year Habitat Conservation Plan (HCP), an agreement between local, state and federal agencies. The HCP seeks to ensure the long-term ecological integrity of the Cedar River Watershed, which supplies the majority of the City's drinking water. It simultaneously addresses the needs of protected wildlife species in and along the Cedar River. Investments in the regional conservation and low-income conservation programs also help in management of our natural resources, while helping customers reduce their utility bills.
- SPU is also committed to **race and social justice**. One example of this commitment is the Low-Income Water Conservation Program. This ongoing program provides water use efficiency resources to the City's low-income customers to implement water conservation measures. Typical improvements consist of, but are not limited to, installing water-efficient fixtures, such as aerating showerheads and faucets, low water-use toilets and efficient clothes washers. The program is cooperatively managed by SPU and the City's Human Services Department.

### Project Selection Criteria

SPU identifies candidate capital projects from several sources – planning (e.g. comprehensive plans, program plans), external projects and opportunities, and emergencies or other unexpected events. Under SPU's Asset Management system, projects must be justified through a business case process that establishes that a problem or opportunity is timely and important, and that the proposed solution is superior to alternatives based on a triple bottom line analysis (economic, environmental and social) of life



cycle costs and benefits. The process also recognizes that a project may be a “must do” project (e.g. required by regulation).

SPU prioritizes its capital projects into three categories – Priorities 1, 2 and 3, with 1 being the most important and critical. Some projects are part of an externally driven project. Typically, SPU lacks control over the timing of externally driven projects.

Priority rankings are based on the following set of criteria:

- **Regulatory Mandates, Legal Agreements:** The degree to which a project is driven by federal, state, and local laws, permit and regulatory requirements, and consent decrees; as well as by legal agreements with public and private parties. Examples of highly ranked projects in this category include the reservoir covering programs and the Habitat Conservation Program.
- **External Drivers:** SPU’s responsiveness to, or engagement with, projects of other Departments or Jurisdictions, and the specific mandates of the City Council and Mayor. Examples of highly ranked projects in this category include the Alaskan Way Viaduct and Mercer Corridor projects.
- **Infrastructure:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the Watermain Rehabilitation, Distribution System Improvements and Tank Improvements programs.
- **Level of Service:** The importance of a project in providing or improving services to customers. Examples of highly ranked projects in this category include the Water Infrastructure – New Taps and Service Renewals programs.
- **Other Factors:** Other important factors include high net present value or cost-effectiveness, social or environmental benefits not otherwise captured, a project already in progress or near completion, limited time opportunity, demonstration projects, community visibility, outside funding. An example of a highly ranked project in this category includes Rattlesnake Lake Sanitary Facilities.

Every project is rated against each criterion. Criteria ratings are then considered in determining an overall project priority ranking, using expert judgment (rather than a formula). Priority rankings for the CIP are determined by the leads for each Line of Business (LOB), with review by key internal stakeholders. The ranking scheme and criteria are the same for all LOBs and are approved by the SPU GM/CEO and Asset Management Committee. Project priority rankings are used to clarify and document which projects are most important (and why), to help determine which projects at the margin will be included or excluded (or deferred) from the CIP, and which projects should receive priority attention if a staff or financial resource constraint should arise.

In recent years, this prioritization process and business case analysis has resulted in decisions to defer some capital projects and retire or downsize some facilities, primarily finished water reservoirs. Retiring facilities reduces capital expenditures since these facilities need major improvements (such as seismic retrofits) that are avoided, as well as reduces annual operating costs since the level of maintenance is

## Seattle Public Utilities - Water

greatly reduced. Downsizing or retiring storage facilities is possible because the need for storage has changed over time as the system has been reconfigured, transmission and treatment has become more reliable, and demands, particularly for fire flows, have declined.

**CIP Spending by Major Category**  
(In '000s; total may not sum due to rounding)

BCL	2019	2020	2021	2022	2023	2024	Total
<b>Distribution</b>	36,178	35,328	31,713	29,678	30,533	41,585	<b>205,015</b>
<b>Transmission</b>	11,898	15,409	13,096	4,390	5,198	2,430	<b>52,421</b>
<b>Watershed Stewardship</b>	1,193	174	94	65	75	175	<b>1,776</b>
<b>Water Quality &amp; Treatment</b>	1,660	8,830	12,100	8,600	21,600	9,100	<b>61,890</b>
<b>Water Resources</b>	8,372	7,271	4,475	3,447	4,646	2,871	<b>31,082</b>
<b>Habitat Conservation Program</b>	3,024	1,954	1,716	1,818	2,091	1,386	<b>11,989</b>
<b>Shared Cost Projects</b>	49,128	28,967	33,130	20,334	17,140	17,387	<b>166,086</b>
<b>Technology</b>	<b>111,453</b>	<b>97,933</b>	<b>96,324</b>	<b>68,332</b>	<b>81,283</b>	<b>74,934</b>	<b>530,259</b>

**Distribution:** Projects and programs in this category relate to rehabilitation and improvements to the City's water mains and appurtenances, water storage tanks, pump stations, and other facilities that are part of the system that distributes treated water throughout the City of Seattle and to retail customers outside of the City.

Increases in the **Distribution BCL** in 2019 and 2020 are primarily due a slide in construction start and increased costs for replacement of the feeder main on Third Ave W along with other water main rehabilitation projects at multiple worksites across the city. Some of the cost drivers include the current construction bidding climate, as well as increased street restoration costs. Additionally, revised cost estimates based on more detailed analysis have been generated for interior/exterior recoating and potential seismic upgrades to the Beverly Park elevated tank.

**Transmission:** The purpose of this program category is to rehabilitate and improve the City's large transmission pipelines that bring untreated water to the treatment facilities and convey treated water from the treatment facilities to Seattle and to other local utilities that purchase a portion of SPU's supply for their customers.

Increases in the **Transmission BCL** in 2019-2020 are due primarily to installing new impressed current cathodic protection systems at several locations along Cedar River Pipelines 1, 2 and 3.

**Watershed Stewardship:** Projects and programs in this category improve protection of our sources of drinking water, provide habitat protection and restoration, sustain the environment, and enhance

environmental quality, both locally and regionally. Most of the projects in this program category are located within the Cedar and Tolt River municipal watersheds.

- The Cedar River Municipal Watershed is 90,638 acres of land owned by the City of Seattle and provides about 65% of the drinking water used by 1.4 million people in the greater Seattle area supplied by SPU. The City of Seattle is required by law to maintain a clean drinking water supply. To that end, the City restricts public access and management is guided by a Habitat Conservation Plan. The Cedar River Watershed is an unfiltered surface water supply which produces some of the best water in the world.
- The South Fork Tolt River Watershed is the second supply watershed in SPU's freshwater supply system. Located in the foothills of the Cascades in east King County, it first came on-line in 1964, and since 1989 has also supported a small Seattle City Light hydro-electric facility. The Tolt Treatment Facilities, which includes filtration, can provide up to 120 million gallons of drinking water per day.

Increases in the **Watershed Stewardship BCL** are due to updated projections informed during the stage gate process for the Taylor Creek 9 Road Bridge and Trestle replacement. The diminished condition of both the trestle and the 9 Road bridge has created a potentially unsafe working environment and could compromise emergency response required as part of management of the City's drinking water supply and fish habitat. The removal of the trestle and replacement of the 9 Road bridge will increase emergency response, safety, water quality, fish habitat, large woody debris movement into the Cedar system and provide a main haul route for transportation of larger loads across the Lower watershed.

**Water Quality and Treatment:** The purpose of this program category is to construct, rehabilitate or improve water treatment facilities, and cover the remaining open water reservoirs. State and federal drinking water regulations and public health protection are key drivers of investments in this program category. To comply with regulations, SPU has invested hundreds of millions of dollars in building two new primary treatment facilities and covering two and burying five reservoirs that contain already treated water that is distributed directly to Seattle retail and wholesale customers for drinking purposes.

Decreases in the **Water Quality & Treatment BCL** are due to a change in the selected option for the Lake Forest Park Reservoir Covering project. The plan is for a floating cover instead of an aluminum roof due to very high capital costs in the current bidding environment. Construction of the replacement of the Lake Forest Park Reservoir cover is anticipated to start in 2019 – 2020.

**Water Resources:** The purpose of this program category is to manage our water resources to meet anticipated demands and in-stream flow requirements – the amount of water provided to the river to support aquatic habitat, wetlands, riparian vegetation, and water quality – and to promote residential and commercial water conservation. The requirements for in-stream flows are detailed in agreements with state and federal agencies and include provisions for minimum stream flows in the Cedar and South Fork Tolt Rivers. Examples of the types of projects in this category include the Dam Safety Program and Sockeye Broodstock Weir and other improvements associated with the hatchery and fish ladder.

Decreases in the **Water Resources BCL** in 2019-2020 are due to shifting out and refining the scope and cost estimate for the Hatchery Spring Water Redundancy project (water for incubating sockeye salmon eggs) and Sockeye Broodstock Weir (facility used to collect adult sockeye for the hatchery) projects. An increase of \$3.7 million in 2020 is due to the upgrade of the Tolt Dam Warning System, which modernizes

the existing early warning system and the redundant emergency communication line between the dam and SPU facilities in downtown Seattle.

**Habitat Conservation Program:** This program category includes projects and programs directly related to implementation of the Cedar River Watershed Habitat Conservation Plan. The Habitat Conservation Plan benefits the utility and the ratepayers it serves by providing legal certainty under the Endangered Species Act for the City's continued operations within the Cedar River Watershed, which supplies 65% of the SPU's drinking water. The Habitat Conservation Program requires SPU to invest \$100 million over 50 years, with \$60 million in the first decade, on approximately 30 capital projects and 60 O&M activities in three areas: management of in-stream flows for people and fish, forest and land conservation activities, and mitigation for the blockage of salmon and steelhead fish as they return to the Cedar River to spawn. The Water Fund's CIP projects in this area are grouped into eight categories: road improvements and decommissioning, stream and riparian restoration, upland forest restoration, Landsburg fish passage, Cedar River sockeye hatchery, improvements to the Ballard Locks for fish passage and water conservation, fish habitat protection and restoration in the lower Cedar River below the municipal watershed boundary, and evaluation of Cedar permanent dead storage in Chester Morse Lake.

Increases in 2019-2020 in the **Habitat Conservation Program BCL** are due to the Downstream Fish Habitat program and in 2019-2024, an increase of \$1.6 million continues to support the program. These funds will be expended on land acquisition and restoration to improve salmon habitat as part of the City's Cedar River Habitat Conservation Program commitments. A portion of this amount may be grant funded. There is an increase of \$1.7 million in 2019-2024 for Streams and Riparian Restoration that replaces old culverts with new culverts or small bridges to provide improved fish passage.

**Shared Cost Projects:** This program includes individual capital improvement projects which typically benefit multiple lines of business (e.g. the water line of business and the drainage and wastewater line of business) and whose costs are "shared," or paid for, by more than one of SPU's utility funds. For the next six years, the Shared Cost program includes funding for several interdepartmental programs and projects including Move Seattle Levy projects, Alaskan Way Viaduct and Seawall Replacement. Funding is also included for SPU's Heavy Equipment Purchases and several smaller projects.

The **Shared Cost Projects BCL** increases in 2019-2020 is primarily due to the Cedar Falls Power Upgrade project and projects related to the Move Seattle projects. The increase of \$4.9 million in 2019 for the Cedar Falls Power Upgrade improves the quality and capacity of City Light's existing electrical system at SPU's Cedar Falls compound. This electrical upgrade will allow the continuance of power to the existing SPU infrastructure, proposed Cedar Falls Phase 2 facility developments and potential permanent utility electrical power for the Morse Lake Pump Plant project instead of rental generators. Please note that there is an offsetting decrease in only funding the first phase of the North Operations Complex project. About \$12.8 million was moved to beyond the 6-year period to help with funding pressures, accounted for as a decrease of \$5.7 million in 2020. Increase of \$4.9 million in 2019 for the Center City Connector Streetcar projects are included and relate to water pipelines affected by impacts from accelerated corrosion associated with the streetcar tracks' power lines. The Move Seattle Levy projects and the Center City Connector Streetcar projects increase with a total of \$14.1 million added across the 2019-2024 planning window.

**Technology:** The Technology capital portfolio is managed in six program areas, which provide a department-wide view of technology investments to address SPU's strategic, business, and City-wide priorities. These areas are:

- Customer Contact and Billing
- Enterprise Information Management
- IT Infrastructure
- Project Delivery & Performance
- Science & System Performance
- Asset Information Management

Investments in 2019-2020 address several of SPU's key initiatives, including:

- Financial Management and Internal Controls
- Operational Excellence and Performance Management
- An Easy and Engaged Customer Experience
- Data-driven Decision Support
- Project Delivery/Project Controls

In 2019, SPU will focus its technology spending on the highest priority business needs. These projects are primarily within the Customer Contact and Billing Program, Project Delivery and Performance Program, as well as the Asset Information Management Program.

With the New Customer Information System (CIS) already in place, the next major projects for SPU within the Customer Contact and Billing Program would be the Utilities CSS Portal project as well as other projects such as CIS Workflow and the CIS Reporting, which are projects that will enhance operations and improve data reporting out of the CIS. Other projects slated would be enhancements to SPU's Enterprise Project Management System (EPMS) as well as the Development Systems Integration project to improve project planning, along with other projects that have been deferred in previous years

### **CIP Revenue Sources**

SPU's Water CIP is funded largely by Water ratepayers. About 68% of the Water Fund's Operating revenues come from retail ratepayers, split approximately evenly between residential and commercial customers. Another 24% of the Water Fund's overall revenues come from wholesale purveyors who serve surrounding jurisdictions. The remaining 8% consists of non-rate revenue, which include such items as tap fees received. SPU issues bonds, serviced by ratepayers, which in the current period covers 31% of the CIP, with the remainder funded by cash, i.e.: directly by ratepayer revenue.

SPU actively seeks grants, low interest loans, and other funding sources whenever possible. And, as mentioned above, SPU also receives payments from developers that are intended to offset the cost of installing new taps when they connect newly constructed buildings to SPU watermains. These "tap fees" are a volatile revenue source, trending with the construction-related sectors of the economy.

### **Summary of Upcoming Budget Issues and Challenges**

These important issues create financial challenges and opportunities for the Water Fund in the future.

Water Conservation: The City of Seattle, Seattle residents and businesses, and Seattle's wholesale water partners have worked together to reduce water consumption. As a result, consumption has declined since the 1980's and is projected to flatten out. In 2017, consumption was 30% below the peak of 1984, despite

servicing a larger population. Seattle currently has some of the lowest per capita water consumption in the nation. While this accomplishment helps contribute to a sustainable future for the region, it puts financial pressure on the utility because fixed costs, including the costs of the CIP, need to be distributed across fewer units of water sold. This trend also puts pressure on SPU management and employees to deliver services as efficiently as possible. In the future, it may also influence water rate design.

Transitioning from Major Projects toward Asset Management: The Water Fund is transitioning from a period of building large capital projects, in response to regulatory requirements, to a time of physical infrastructure rehabilitation. Past investments include water treatment facilities for the Tolt and Cedar water supplies, coverings for seven open reservoirs in response to federal/state regulations, construction of a second pipeline for the Tolt system, and investments to meet federal requirements embodied in the Cedar River Watershed Habitat Conservation Plan. These investments helped secure the supply and distribution of high-quality drinking water and provide appropriate stewardship of the watersheds consistent with federal and state requirements.

The City of Seattle is now better positioned than many water utilities in the nation in terms of regulatory compliance. Residents, businesses and rate payers will benefit from these investments for years to come. Although the focus will shift from major projects to physical infrastructure rehabilitation, the utility will be paying debt service over the next several budget cycles on the bonds that were issued for these major projects.

Against the backdrop of these trends, the 2019-2024 Water CIP has been developed to:

- provide for water system modifications associated with various Seattle and regional transportation projects;
- recognize the need to look harder at the water system's resiliency in a major earthquake event and begin to make strategic investments to reduce risk;
- preserve the transmission and distribution systems through careful investment in aging infrastructure renewal;
- provide stewardship of the watersheds, to ensure a reliable source of high-quality drinking water;
- comply with federal and state regulations governing water quality, system reliability, and habitat protection in the watersheds in which SPU operates; and,
- prioritize projects to deliver on infrastructure and regulatory requirements within the limited resources of the Water Fund.

Proposed Reductions and Deferrals to meet Efficiency Measures: During the 2019-2020 Proposed Budget Process, the Mayor requested that SPU reduce or defer non-critical projects to provide future rate savings in all SPU lines of business. In the Water Fund, the following project changes reflect this effort:

- Delay Water Heavy Equipment Replacement project for one year, totaling a deferral of \$1 million. This delay is accompanied by some risk, represented in the possibility of required heavy equipment purchases if existing stock needs to be replaced before end-of-life. SPU will dedicate project savings, or potentially evaluate new deferrals or project reductions in the event this risk is realized.

### Future Projects/What is on the Horizon

The Water CIP has completed a multi-decade period of investments in major infrastructure projects. These projects have positioned SPU to meet drinking water quality and environmental regulations. Projects have included the Tolt and Cedar Water Treatment Facilities, Tolt Pipeline 2, Reservoir Covering Program, the Cedar River Watershed HCP, and a new Water Quality Laboratory. SPU has also made a major reinvestment in the Supervisory Control and Data Acquisition System which is used to monitor and control the regional and retail water system. However, these investments have also led to increasing debt service payments that constrain future budgets.

The six-year CIP funds the work to replace floating covers at the Lake Forest Park and Bitter Lake reservoirs, and addresses the Tolt Pipelines slide area, and Operational and Regional Facility construction. Beyond these projects, emphasis will be on asset management-based rehabilitation and replacement of distribution system infrastructure (e.g. mains, valves, hydrants, meters), as well as water system infrastructure improvements related to transportation projects, such as the Move Seattle Levy.

SPU recognizes the need to look harder at the water system's resiliency in a major earthquake event and begin to make strategic investments to reduce risk. SPU is almost complete with a seismic analysis that defines recovery time to agreed levels of service and develops a prioritized list of recommended investments to improve resiliency.





Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
<b>Distribution</b>									
		<b>BSL/Program Code:</b>		<b>BC-SU-C110B</b>					
<u>Ongoing</u>									
Chamber Upgrades-Distribution (MC-SU-C1137)	255	29	29	30	30	31	32	33	469
Distribution Infrastructure (MC-SU-C1138)	0	115	108	110	113	115	118	120	799
Distribution System Improvements (MC-SU-C1128)	0	3,004	3,500	4,000	4,000	4,000	4,000	4,000	26,504
Distribution System In-Line Gate Valve (MC-SU-C1136)	1,288	345	120	120	366	373	381	400	3,392
Multiple Utility Relocation (MC-SU-C1133)	0	505	500	500	500	500	500	500	3,505
Pump Station Improvements (MC-SU-C1135)	276	1,600	1,457	2,092	510	500	500	500	7,435
Tank Improvements (MC-SU-C1134)	279	729	2,476	4,075	3,075	3,590	3,930	3,720	21,874
Water Infrastructure-Hydrant Replace/Relocate (MC-SU-C1110)	0	216	221	225	230	235	239	244	1,609
Water Infrastructure-New Hydrants (MC-SU-C1112)	0	13	13	14	14	14	15	15	97
Water Infrastructure-New Taps (MC-SU-C1113)	0	9,464	8,201	8,385	8,572	8,764	8,959	9,000	61,345
Water Infrastructure-Service Renewal (MC-SU-C1109)	0	5,837	6,033	6,115	6,193	6,317	6,443	6,572	43,509
Water Infrastructure-Water Main Extensions (MC-SU-C1111)	0	862	879	897	915	897	915	933	6,298
Watermain Rehabilitation (MC-SU-C1129)	5,808	12,412	12,641	8,767	7,195	4,342	4,502	15,548	71,215
<b>Distribution</b>	<b>7,906</b>	<b>35,131</b>	<b>36,178</b>	<b>35,328</b>	<b>31,713</b>	<b>29,678</b>	<b>30,533</b>	<b>41,585</b>	<b>248,052</b>
<b>Transmission</b>									
		<b>BSL/Program Code:</b>		<b>BC-SU-C120B</b>					
<u>Ongoing</u>									
Cathodic Protection (MC-SU-C1208)	475	1,977	4,646	636	2,320	624	2,428	635	13,741

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2019 - 2024 Proposed Capital Improvement Program

Purveyor Meters Replace-SPU (MC-SU-C1206)	0	213	218	223	100	100	100	110	1,064
Replace Air Valve Chambers (MC-SU-C1209)	1,045	127	130	133	130	130	130	140	1,964
Transmission Pipelines Rehab (MC-SU-C1207)	1,968	7,318	6,874	14,384	10,511	3,500	2,500	1,500	48,555
Water System Dewatering (MC-SU-C1205)	0	27	30	33	35	36	40	45	246
<b>Transmission</b>	<b>3,487</b>	<b>9,662</b>	<b>11,898</b>	<b>15,409</b>	<b>13,096</b>	<b>4,390</b>	<b>5,198</b>	<b>2,430</b>	<b>65,570</b>
<b>Watershed Stewardship</b>									
<b>BSL/Program Code:</b>									
<b>BC-SU-C130B</b>									
<u>Discrete</u>									
Tolt Bridges (MC-SU-C1308)	0	1	1	0	0	0	0	0	2
<u>Ongoing</u>									
Cedar Bridges (MC-SU-C1307)	48	901	1,101	100	15	0	0	100	2,265
Environmental Stewardship (MC-SU-C1301)	279	75	91	74	79	65	75	75	814
<b>Watershed Stewardship</b>	<b>327</b>	<b>977</b>	<b>1,193</b>	<b>174</b>	<b>94</b>	<b>65</b>	<b>75</b>	<b>175</b>	<b>3,080</b>
<b>Water Quality &amp; Treatment</b>									
<b>BSL/Program Code:</b>									
<b>BC-SU-C140B</b>									
<u>Discrete</u>									
Beacon Reservoir Seismic (MC-SU-C1408)	10,999	1,238	10	0	0	0	0	0	12,247
Reservoir Covering-Bitter Lake (MC-SU-C1419)	63	250	350	350	1,950	8,250	21,600	9,100	41,913
Reservoir Covering-Lake Forest (MC-SU-C1418)	283	693	1,050	8,000	10,000	200	0	0	20,226
<u>Ongoing</u>									
Treatment Facility/Water Quality Improvements (MC-SU-C1413)	523	250	250	480	150	150	0	0	1,803
<b>Water Quality &amp; Treatment</b>	<b>11,868</b>	<b>2,431</b>	<b>1,660</b>	<b>8,830</b>	<b>12,100</b>	<b>8,600</b>	<b>21,600</b>	<b>9,100</b>	<b>76,189</b>
<b>Water Resources</b>									
<b>BSL/Program Code:</b>									
<b>BC-SU-C150B</b>									
<u>Discrete</u>									
Water System Plan - 2019 (MC-SU-C1510)	315	300	50	0	0	0	0	0	665
<u>Ongoing</u>									
Dam Safety (MC-SU-C1506)	258	818	991	1,395	2,202	1,225	2,125	300	9,314
Hatchery Works (MC-SU-C1511)	0	5,280	5,500	4,000	350	250	500	500	16,380
Regional Water Conservation (MC-SU-C1504)	24,444	1,441	1,098	1,126	1,154	1,183	1,212	1,243	32,901

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## 2019 - 2024 Proposed Capital Improvement Program

Seattle Direct Water Conservation (MC-SU-C1505)	4,225	714	732	751	769	789	808	829	9,618
<b>Water Resources</b>	29,242	8,553	8,372	7,271	4,475	3,447	4,646	2,871	68,878
<b>Habitat Conservation Program</b>									
<u>Discrete</u>									
Ballard Locks Improvements (MC-SU-C1606)	502	145	150	155	160	165	170	175	1,622
Downstream Fish Habitat (MC-SU-C1607)	12,167	575	1,600	485	0	0	0	0	14,827
<u>Ongoing</u>									
Instream Flow Management Studies (MC-SU-C1608)	1,661	100	100	100	100	100	100	100	2,361
Stream & Riparian Restoration (MC-SU-C1602)	4,130	217	309	329	528	637	989	265	7,404
Upland Reserve Forest Restore (MC-SU-C1603)	2,574	82	83	82	82	82	83	83	3,151
Watershed Road Improvements/Decommissioning (MC-SU-C1601)	6,049	840	783	803	847	833	749	763	11,666
<b>Habitat Conservation Program</b>	27,083	1,959	3,024	1,954	1,716	1,818	2,091	1,386	41,031
<b>Shared Cost Projects</b>									
<u>Discrete</u>									
Alaskan Way Viaduct & Seawall - WF (MC-SU-C4102-WF)	20,509	2,549	1,677	1,533	1,483	30	12	4	27,796
Streetcar Related Projects - WF (MC-SU-C4130-WF)	2,217	15,938	11,415	137	0	0	0	0	29,708
<u>Ongoing</u>									
1% for Arts - WF (MC-SU-C4118-WF)	2,134	172	189	300	274	197	292	165	3,722
Heavy Equipment Purchases - WF (MC-SU-C4116-WF)	14,862	3,955	3,183	1,073	2,953	2,729	2,852	2,652	34,259
Integrated Control Monitoring Program - WF (MC-SU-C4108-WF)	448	360	360	360	360	360	360	360	2,968
Meter Replacement - WF (MC-SU-C4101-WF)	6,841	601	608	615	521	531	542	552	10,811
Move Seattle - WF (MC-SU-C4119-WF)	1,667	14,657	17,563	17,262	25,241	11,674	10,584	10,084	108,733

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## 2019 - 2024 Proposed Capital Improvement Program

Operational Facility - Construction - WF (MC-SU-C4106-WF)	1,083	5,063	5,289	2,678	910	3,675	998	1,875	21,572
Operations Control Center - WF (MC-SU-C4105-WF)	167	800	1,750	520	0	0	0	0	3,237
Other Major Tran Projects - WF (MC-SU-C4123-WF)	143	250	500	500	0	0	0	0	1,393
Regional Facility - Other - WF (MC-SU-C4107-WF)	8,272	5,449	5,170	2,689	449	200	200	394	22,822
Security Improvements - WF (MC-SU-C4113-WF)	3,855	888	1,425	1,300	938	938	1,300	1,300	11,942
<b>Shared Cost Projects</b>	<b>62,197</b>	<b>50,680</b>	<b>49,128</b>	<b>28,967</b>	<b>33,130</b>	<b>20,334</b>	<b>17,140</b>	<b>17,387</b>	<b>278,962</b>
<b>Technology</b>							<b>BSL/Program Code:</b>	<b>BC-SU-C510B</b>	
<u>Ongoing</u>									
Asset Information Management (MC-SU-C5407)	0	252	1,104	602	840	840	840	840	5,318
Customer Contact & Billing (MC-SU-C5402)	2	1,391	1,165	1,113	525	420	420	420	5,456
Enterprise Information Management (MC-SU-C5403)	0	317	423	757	1,050	840	840	840	5,067
IT Infrastructure (MC-SU-C5404)	0	267	675	558	758	758	758	758	4,529
Project Delivery & Performance (MC-SU-C5405)	3,593	3,518	861	1,052	924	714	714	714	12,090
Science & System Performance (MC-SU-C5406)	239	1,254	1,305	600	672	672	672	672	6,086
<b>Technology</b>	<b>3,835</b>	<b>6,999</b>	<b>5,532</b>	<b>4,681</b>	<b>4,769</b>	<b>4,244</b>	<b>4,244</b>	<b>4,244</b>	<b>38,546</b>
<b>Department Total:</b>	<b>145,945</b>	<b>116,393</b>	<b>116,985</b>	<b>102,614</b>	<b>101,094</b>	<b>72,574</b>	<b>85,526</b>	<b>79,178</b>	<b>820,308</b>

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

Fund Summary

Fund Name & Code	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
Water Fund (43000)	145,945	116,393	116,985	102,614	101,094	72,574	85,526	79,178	820,308
<b>Department Total:</b>	145,945	116,393	116,985	102,614	101,094	72,574	85,526	79,178	820,308

*\*Amounts in thousands of dollars*

**2019 - 2024 Proposed Capital Improvement Program**



**Alaskan Way Viaduct & Seawall - WF**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C4102-WF
<b>Start/End Date:</b>	2001-2024	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	SR 99 / Battery St
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$27,796	<b>Urban Village:</b>	Multiple

This project relocates, replaces, and protects water infrastructure affected by the replacement of the Alaskan Way Viaduct and Seawall. This project encompasses many sub-projects which are collectively known as the Alaskan Way Viaduct and Seawall Replacement project (AWVSR project). The Washington State Department of Transportation (WSDOT) is the lead for the SR-99 replacement, while the City of Seattle is the lead on development of the waterfront public space, implementation of the new surface Alaskan Way, and design and construction of the seawall.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	20,509	2,549	1,677	1,533	1,483	30	12	4	27,796
<b>Total:</b>	20,509	2,549	1,677	1,533	1,483	30	12	4	27,796

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	20,509	2,549	1,677	1,533	1,483	30	12	4	27,796
<b>Total:</b>	20,509	2,549	1,677	1,533	1,483	30	12	4	27,796

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	20,509	2,549	1,677	1,533	1,483	30	12	4	27,796
<b>Total:</b>	20,509	2,549	1,677	1,533	1,483	30	12	4	27,796

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Ballard Locks Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C1606
<b>Start/End Date:</b>	2000-2025	<b>BSL/Program Code:</b>	BC-SU-C160B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Habitat Conservation Program
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	NW 54th St 30th Ave NW
<b>Neighborhood District:</b>	Ballard	<b>Council District:</b>	6
<b>Total Project Cost:</b>	\$1,622	<b>Urban Village:</b>	Ballard-Interbay Northend

This project provides improvements at the Ballard Locks to upgrade conditions for salmon. Improvements are focused on conserving the amount of freshwater needed to operate the locks to reduce the demand for freshwater from the Cedar River and increase the availability of freshwater for salmon. This project is a requirement of the Cedar River Habitat Conservation Plan (HCP).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	502	145	150	155	160	165	170	175	1,622
<b>Total:</b>	502	145	150	155	160	165	170	175	1,622

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	502	145	150	155	160	165	170	175	1,622
<b>Total:</b>	502	145	150	155	160	165	170	175	1,622

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	502	145	150	155	160	165	170	175	1,622
<b>Total:</b>	502	145	150	155	160	165	170	175	1,622

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Beacon Reservoir Seismic**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C1408
<b>Start/End Date:</b>	2001-2019	<b>BSL/Program Code:</b>	BC-SU-C140B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Water Quality & Treatment
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	S Spokane St and Beacon Ave S
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$12,247	<b>Urban Village:</b>	Not in an Urban Village

This project includes Seismic Retrofits at Beacon Reservoir using the Soil-Structure Interaction Seismic Analysis approach for design to determine its seismic performance during ground shaking and to assess whether or not a seismic deficiency exists.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	10,999	1,238	10	0	0	0	0	0	12,247
<b>Total:</b>	10,999	1,238	10	0	0	0	0	0	12,247

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	10,999	1,238	10	0	0	0	0	0	12,247
<b>Total:</b>	10,999	1,238	10	0	0	0	0	0	12,247

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	10,999	1,238	10	0	0	0	0	0	12,247
<b>Total:</b>	10,999	1,238	10	0	0	0	0	0	12,247

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Downstream Fish Habitat**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C1607
<b>Start/End Date:</b>	2008-2024	<b>BSL/Program Code:</b>	BC-SU-C160B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Habitat Conservation Program
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Cedar River Watershed
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$14,916	<b>Urban Village:</b>	Not in an Urban Village

This project provides protection and restoration of fish habitat along the lower Cedar River, below the City's municipal watershed boundary at the Landsburg Dam and includes both acquisition of habitat lands and habitat restoration on the main stem of the Cedar River. This project is a requirement of the Cedar River Habitat Conservation Plan (HCP).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	12,167	575	1,600	485	0	0	0	0	14,827
<b>Total:</b>	12,167	575	1,600	485	0	0	0	0	14,827

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	12,167	575	1,600	485	0	0	0	0	14,827
<b>Total:</b>	12,167	575	1,600	485	0	0	0	0	14,827

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	12,167	664	1,600	485	0	0	0	0	14,916
<b>Total:</b>	12,167	664	1,600	485	0	0	0	0	14,916

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Reservoir Covering-Bitter Lake**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C1419
<b>Start/End Date:</b>	2013-2024	<b>BSL/Program Code:</b>	BC-SU-C140B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Water Quality & Treatment
<b>Current Project Stage:</b>	Design	<b>Location:</b>	N 143rd St and Linden Ave N
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	5
<b>Total Project Cost:</b>	\$41,913	<b>Urban Village:</b>	Not in an Urban Village

This project addresses the need for a new cover on Bitter Lake Reservoir once the existing floating cover has reached the end of its useful life. Replacing the existing structure with a new hard covered structure within the same footprint will be one of the options considered. A new cover will be designed and constructed to improve and maintain the water quality protection and security enhancement functions of the existing cover.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	63	250	350	350	1,950	8,250	21,600	9,100	41,913
<b>Total:</b>	63	250	350	350	1,950	8,250	21,600	9,100	41,913

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	63	250	350	350	1,950	8,250	21,600	9,100	41,913
<b>Total:</b>	63	250	350	350	1,950	8,250	21,600	9,100	41,913

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	63	250	350	350	1,950	8,250	21,600	9,100	41,913
<b>Total:</b>	63	250	350	350	1,950	8,250	21,600	9,100	41,913

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Reservoir Covering-Lake Forest**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C1418
<b>Start/End Date:</b>	2013-2022	<b>BSL/Program Code:</b>	BC-SU-C140B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Water Quality & Treatment
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Lake Forest Park
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$20,226	<b>Urban Village:</b>	Not in an Urban Village

This project addresses the need for a new cover on Lake Forest Park Reservoir once it has reached the end of its useful life. The project will evaluate options for a new cover, including replacing the existing floating Hypolan cover with a similar design. A new cover will be designed and constructed to maintain and improve the water quality protection and security enhancement functions of the existing cover.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	283	693	1,050	8,000	10,000	200	0	0	20,226
<b>Total:</b>	283	693	1,050	8,000	10,000	200	0	0	20,226

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	283	693	1,050	8,000	10,000	200	0	0	20,226
<b>Total:</b>	283	693	1,050	8,000	10,000	200	0	0	20,226

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	283	693	1,050	8,000	10,000	200	0	0	20,226
<b>Total:</b>	283	693	1,050	8,000	10,000	200	0	0	20,226

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Streetcar Related Projects - WF**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C4130-WF
<b>Start/End Date:</b>	2009-2030	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	First Hill
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$36,840	<b>Urban Village:</b>	Multiple

This project plans and relocates water facilities that will be impacted by the SDOT-led First Hill Streetcar project and related streetcar projects, which will connect major employment centers on First Hill to the regional light rail system stations on Capitol Hill and in the International District. It is currently in the construction phase. This project was formerly titled "First Hill Streetcar - WF."

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	2,217	15,938	11,415	137	0	0	0	0	29,708
<b>Total:</b>	2,217	15,938	11,415	137	0	0	0	0	29,708

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	2,217	15,938	11,415	137	0	0	0	0	29,708
<b>Total:</b>	2,217	15,938	11,415	137	0	0	0	0	29,708

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	2,217	23,070	11,415	137	0	0	0	0	36,840
<b>Total:</b>	2,217	23,070	11,415	137	0	0	0	0	36,840

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Tolt Bridges**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C1308
<b>Start/End Date:</b>	2004-2020	<b>BSL/Program Code:</b>	BC-SU-C130B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Watershed Stewardship
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Tolt River Watershed
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$2	<b>Urban Village:</b>	Not in an Urban Village

This project replaces aging bridges and related structures, such as abutments, asphalt approaches, and guardrails in the Cedar River Watershed. This project improves aging bridge assets on priority roads in the watershed transportation system to provide City employees, City contractors, and visitors with safe and adequate access to City water supply and hydroelectric assets while minimizing and reducing environmental impacts over time. Work in this project also maintains compliance with state laws, safety and environmental regulations, and tribal access agreements including Washington Department of Natural Resources (WDNR) forest practice regulations, and Washington Department of Health (DOH) Watershed Protection Plan regulations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	1	1	0	0	0	0	0	2
<b>Total:</b>	0	1	1	0	0	0	0	0	2

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	1	1	0	0	0	0	0	2
<b>Total:</b>	0	1	1	0	0	0	0	0	2

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	1	1	0	0	0	0	0	2
<b>Total:</b>	0	1	1	0	0	0	0	0	2

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Water System Plan - 2019**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-SU-C1510
<b>Start/End Date:</b>	2010-2029	<b>BSL/Program Code:</b>	BC-SU-C150B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Water Resources
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$515	<b>Urban Village:</b>	Not in an Urban Village

This project develops the 2019 Water System Plan. This project meets the State requirement that SPU update a water system plan every six years and submit the plan to the Washington Department of Health (DOH) for approval as a condition of the operating permit for the drinking water system.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	315	300	50	0	0	0	0	0	665
<b>Total:</b>	315	300	50	0	0	0	0	0	665

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	315	300	50	0	0	0	0	0	665
<b>Total:</b>	315	300	50	0	0	0	0	0	665

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	315	150	50	0	0	0	0	0	515
<b>Total:</b>	315	150	50	0	0	0	0	0	515

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**1% for Arts - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4118-WF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides the Water funding for Seattle Public Utilities' 1% for Arts contribution. Eligibility is determined at the individual project level, with payment occurring from this project. Funds contributed to the 1% for Art project allow the commission, purchase, and installation of art in City-owned properties that are accessible to the public. The Municipal Arts Plan, prepared annually, describes the status of ongoing art projects and establishes the scope of work and allocations for new art projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	2,134	172	189	300	274	197	292	165	3,722
<b>Total:</b>	2,134	172	189	300	274	197	292	165	3,722

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	2,134	172	189	300	274	197	292	165	3,722
<b>Total:</b>	2,134	172	189	300	274	197	292	165	3,722

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	2,134	172	189	300	274	197	292	165	3,722
<b>Total:</b>	2,134	172	189	300	274	197	292	165	3,722

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Asset Information Management**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5407
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides applications, upgrades and data management tools in support of SPU's work and asset management projects. Several new and updated technology solutions designed to enhance the efficiency and effectiveness of drinking water, sewer, drainage, and solid waste operations are planned. Activities within this project aim to further enhance safety and improve responsiveness of SPU's utility operations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	252	1,104	602	840	840	840	840	5,318
<b>Total:</b>	0	252	1,104	602	840	840	840	840	5,318

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	252	1,104	602	840	840	840	840	5,318
<b>Total:</b>	0	252	1,104	602	840	840	840	840	5,318

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	252	1,104	602	840	840	840	840	5,318
<b>Total:</b>	0	252	1,104	602	840	840	840	840	5,318

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Cathodic Protection**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1208
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C120B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Transmission
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project installs corrosion protection systems that prevent external corrosion of water transmission pipelines located in Seattle and throughout King County. The cathodic protection systems extend the life of buried pipelines made of ductile iron, steel, and concrete cylinder pipe.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	475	1,977	4,646	636	2,320	624	2,428	635	13,741
<b>Total:</b>	475	1,977	4,646	636	2,320	624	2,428	635	13,741

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	475	1,977	4,646	636	2,320	624	2,428	635	13,741
<b>Total:</b>	475	1,977	4,646	636	2,320	624	2,428	635	13,741

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	475	1,977	4,646	636	2,320	624	2,428	635	13,741
<b>Total:</b>	475	1,977	4,646	636	2,320	624	2,428	635	13,741

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Cedar Bridges**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1307
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C130B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Watershed Stewardship
		<b>Location:</b>	Cedar River Watershed
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces aging bridges and related structures, such as abutments, asphalt approaches, and guardrails in the Cedar River Watershed. This project improves aging bridge assets on priority roads in the watershed transportation system to provide City employees, City contractors, and visitors with safe and adequate access to City water supply and hydroelectric assets while minimizing and reducing environmental impacts over time. Work in this project also maintains compliance with state laws, safety and environmental regulations, and tribal access agreements including Washington Department of Natural Resources (WDNR) forest practice regulations, and Washington Department of Health (DOH) Watershed Protection Plan regulations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	48	901	1,101	100	15	0	0	100	2,265
<b>Total:</b>	48	901	1,101	100	15	0	0	100	2,265

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	48	901	1,101	100	15	0	0	100	2,265
<b>Total:</b>	48	901	1,101	100	15	0	0	100	2,265

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	48	901	1,101	100	15	0	0	100	2,265
<b>Total:</b>	48	901	1,101	100	15	0	0	100	2,265

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Chamber Upgrades-Distribution**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1137
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C110B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project improves access to water distribution chambers throughout the water distribution system. The replacement and/or enlargement of the entrance to distribution chambers improves the health and safety of workers who need to access chambers and meets Occupational, Safety, and Health Administration (OSHA) and Washington Safety and Health Administration (WSHA) safety and health requirements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	255	29	29	30	30	31	32	33	469
<b>Total:</b>	255	29	29	30	30	31	32	33	469

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	255	29	29	30	30	31	32	33	469
<b>Total:</b>	255	29	29	30	30	31	32	33	469

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	255	29	29	30	30	31	32	33	469
<b>Total:</b>	255	29	29	30	30	31	32	33	469

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Customer Contact & Billing**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5402
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides technology solutions and business application upgrades in support of SPU's Customer Contact Center and activities carried out by the Customer Service Branch. Planned projects include, but are not limited to, enhancements to the New Customer Billing System and new technology solutions for enhanced customer contact management. This ongoing project is intended to enhance customer service, customer contact, and ensure accurate Utility billing.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	2	1,391	1,165	1,113	525	420	420	420	5,456
<b>Total:</b>	2	1,391	1,165	1,113	525	420	420	420	5,456

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	2	1,391	1,165	1,113	525	420	420	420	5,456
<b>Total:</b>	2	1,391	1,165	1,113	525	420	420	420	5,456

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	2	1,391	1,165	1,113	525	420	420	420	5,456
<b>Total:</b>	2	1,391	1,165	1,113	525	420	420	420	5,456

		2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Dam Safety**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1506
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C150B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Water Resources
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project maintains the safety of SPU's water supply dams in the Cedar River and South Fork Tolt River Municipal Watersheds and the in-town reservoir dams. Typical improvements may include, but are not limited to, upgrades to the dams' failure warning systems, spillways, outlet works, piping, and other civil, mechanical, and structural systems. This project ensures the continuing safe functioning, operation and monitoring of SPU's water supply dams and associated facilities per Federal Energy Regulatory Commission (FERC), state and local regulations, and SPU requirements to prevent loss of life and/or property damage and loss of SPU's ability to deliver reliable drinking water supply to its customers.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	258	818	991	1,395	2,202	1,225	2,125	300	9,314
<b>Total:</b>	258	818	991	1,395	2,202	1,225	2,125	300	9,314

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	258	818	991	1,395	2,202	1,225	2,125	300	9,314
<b>Total:</b>	258	818	991	1,395	2,202	1,225	2,125	300	9,314

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	258	818	991	1,395	2,202	1,225	2,125	300	9,314
<b>Total:</b>	258	818	991	1,395	2,202	1,225	2,125	300	9,314

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Distribution Infrastructure**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1138
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C110B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides funding for modifications and relocations of existing Distribution System assets resulting from third party project impacts to Distribution System infrastructure located in the right-of-way or on public property. The costs are recovered from third parties and primarily other public utilities and agencies through Memorandums of Agreement and standard charges. This project covers all Distribution System modifications and relocations that are funded by third parties excluding Water main Extension project projects. The benefit of this project is accommodation of third party development by relocating or modifying existing Distribution System infrastructure, while retaining a Distribution System that continues to provide cost effective service to the ratepayer.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	115	108	110	113	115	118	120	799
<b>Total:</b>	0	115	108	110	113	115	118	120	799

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	115	108	110	113	115	118	120	799
<b>Total:</b>	0	115	108	110	113	115	118	120	799

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	115	108	110	113	115	118	120	799
<b>Total:</b>	0	115	108	110	113	115	118	120	799

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**Distribution System Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1128
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C110B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project improves service reliability, pressure, capacity, and fire flow in the City's water distribution system. Typical improvements may include, but are not limited to, booster pump station installation, creation of new service zones, and tank elevation or replacement, as well as additional water main pipelines and pressure reducing valves. These improvements to service levels meet Washington Department of Health (DOH) regulations and SPU's Distribution System Pressure Policy to provide greater than 20 psi service pressure. These improvements provide higher flow of water for fire protection which improves public safety and results in smaller and shorter fires.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	3,004	3,500	4,000	4,000	4,000	4,000	4,000	26,504
<b>Total:</b>	0	3,004	3,500	4,000	4,000	4,000	4,000	4,000	26,504

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	3,004	3,500	4,000	4,000	4,000	4,000	4,000	26,504
<b>Total:</b>	0	3,004	3,500	4,000	4,000	4,000	4,000	4,000	26,504

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	3,004	3,500	4,000	4,000	4,000	4,000	4,000	26,504
<b>Total:</b>	0	3,004	3,500	4,000	4,000	4,000	4,000	4,000	26,504

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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**Distribution System In-Line Gate Valve**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1136
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C110B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project replaces line valves in the water distribution system throughout the City of Seattle that fail or are obsolete due to age or lack of replacement parts. The replacement of these gate valves extends the useful life of the water main and restores the performance of the water distribution system. This ongoing project also adds valves within the system to enhance system performance, enhance operational control, and reduce the number of customers whose service is interrupted during a water main shut down.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	1,288	345	120	120	366	373	381	400	3,392
<b>Total:</b>	1,288	345	120	120	366	373	381	400	3,392

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,288	345	120	120	366	373	381	400	3,392
<b>Total:</b>	1,288	345	120	120	366	373	381	400	3,392

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	1,288	345	120	120	366	373	381	400	3,392
<b>Total:</b>	1,288	345	120	120	366	373	381	400	3,392

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Enterprise Information Management**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5403
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides integrated technology solutions in support of the management of SPU's corporate knowledge, including data, information, documents, and web content. Typical improvements may include, but are not limited to, replacement of shared file storage, new online collaboration tools, introduction of workflow, tracking & reporting applications, web content management systems, and an enterprise document management solution. This ongoing project enhances SPU's ability to retrieve, share, distribute and manage corporate information.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	317	423	757	1,050	840	840	840	5,067
<b>Total:</b>	0	317	423	757	1,050	840	840	840	5,067

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	317	423	757	1,050	840	840	840	5,067
<b>Total:</b>	0	317	423	757	1,050	840	840	840	5,067

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	317	423	757	1,050	840	840	840	5,067
<b>Total:</b>	0	317	423	757	1,050	840	840	840	5,067

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Environmental Stewardship**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1301
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C130B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Watershed Stewardship
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides improvements to facilities and remediation for identified soil contamination at various locations in City watershed areas, railroad right-of-way, and transmission pipelines.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	279	75	91	74	79	65	75	75	814
<b>Total:</b>	279	75	91	74	79	65	75	75	814

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	279	75	91	74	79	65	75	75	814
<b>Total:</b>	279	75	91	74	79	65	75	75	814

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	279	75	91	74	79	65	75	75	814
<b>Total:</b>	279	75	91	74	79	65	75	75	814

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Hatchery Works**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1511
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C150B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Water Resources
		<b>Location:</b>	Cedar River Watershed
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides improvements to the sockeye salmon hatchery, including improvements to the Broodstock collection facility, improvements to the hatchery spring water pumps, improvements to adult holding ponds ,and additions for water redundancy. These facilities are a requirement of the Landsburg Mitigation Agreement and the Muckleshoot Settlement Agreement.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	5,280	5,500	4,000	350	250	500	500	16,380
<b>Total:</b>	0	5,280	5,500	4,000	350	250	500	500	16,380

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	5,280	5,500	4,000	350	250	500	500	16,380
<b>Total:</b>	0	5,280	5,500	4,000	350	250	500	500	16,380

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	5,280	5,500	4,000	350	250	500	500	16,380
<b>Total:</b>	0	5,280	5,500	4,000	350	250	500	500	16,380

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Heavy Equipment Purchases - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4116-WF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides SPU's Water Utility crews with new and replacement heavy equipment that is used throughout Seattle and King County. Typical purchases include backhoes, graders, loaders, dozers, service trucks, and dump trucks. This equipment transports work crews and tools to jobsites and supports the safe and efficient replacement, repair, and maintenance of infrastructure that delivers high quality drinking water to 1.5 million customers in King County. This project is one of three SPU fund-specific heavy equipment CIP projects.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	14,862	3,955	3,183	1,073	2,953	2,729	2,852	2,652	34,259
<b>Total:</b>	14,862	3,955	3,183	1,073	2,953	2,729	2,852	2,652	34,259

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	14,862	3,955	3,183	1,073	2,953	2,729	2,852	2,652	34,259
<b>Total:</b>	14,862	3,955	3,183	1,073	2,953	2,729	2,852	2,652	34,259

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	14,862	3,955	3,183	1,073	2,953	2,729	2,852	2,652	34,259
<b>Total:</b>	14,862	3,955	3,183	1,073	2,953	2,729	2,852	2,652	34,259

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Instream Flow Management Studies**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1608
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C160B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Habitat Conservation Program
		<b>Location:</b>	Cedar River Watershed
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides research and monitoring to examine the effects of instream flows on salmon species in the Cedar River. This ongoing project monitors flow compliance, verifies accretion flows downstream of Landsburg, improves flow-switching criteria, and develops a better understanding of relationships between stream flow and aquatic habitat. This ongoing project is a requirement of the Cedar River Habitat Conservation Plan (HCP).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	1,661	100	100	100	100	100	100	100	2,361
<b>Total:</b>	1,661	100	100	100	100	100	100	100	2,361

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,661	100	100	100	100	100	100	100	2,361
<b>Total:</b>	1,661	100	100	100	100	100	100	100	2,361

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	1,661	100	100	100	100	100	100	100	2,361
<b>Total:</b>	1,661	100	100	100	100	100	100	100	2,361

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Integrated Control Monitoring Program - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4108-WF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides for electronic and mechanical system upgrades as required at various City facilities. The drinking water Supervisory Control and Data Acquisition (SCADA) system was installed in 2005 throughout King County. System components include, but is not limited to, treatment/flow/pressure sensors, remote control pumps/valves used in the conveyance and quality of drinking water and the delivery of water to fire hydrants, also known as "fire flow".

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	448	360	360	360	360	360	360	360	2,968
<b>Total:</b>	448	360	360	360	360	360	360	360	2,968

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	448	360	360	360	360	360	360	360	2,968
<b>Total:</b>	448	360	360	360	360	360	360	360	2,968

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	448	360	360	360	360	360	360	360	2,968
<b>Total:</b>	448	360	360	360	360	360	360	360	2,968

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**IT Infrastructure**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5404
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing IT asset management project ensures the availability, reliability, and security of SPU's corporate computing infrastructure. The project acquires and maintains SPU-owned and managed servers, local networks, shared storage and backup systems, operating software, and communications infrastructure.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	267	675	558	758	758	758	758	4,529
<b>Total:</b>	0	267	675	558	758	758	758	758	4,529

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	267	675	558	758	758	758	758	4,529
<b>Total:</b>	0	267	675	558	758	758	758	758	4,529

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	267	675	558	758	758	758	758	4,529
<b>Total:</b>	0	267	675	558	758	758	758	758	4,529

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Meter Replacement - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4101-WF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project funds replacement of existing water meters when they fail or become obsolete. Meters measuring up to two inches are replaced when they stop running. Meters measuring three inches or more are repaired when possible, but are replaced when repair costs exceed replacement costs. Accurate water meters ensure that customers are billed fairly for the water they use. Since water meters also are used to bill customers for their wastewater discharges, 48 percent of the funding is allocated to the Drainage and Wastewater line of business.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	6,841	601	608	615	521	531	542	552	10,811
<b>Total:</b>	6,841	601	608	615	521	531	542	552	10,811

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	6,841	601	608	615	521	531	542	552	10,811
<b>Total:</b>	6,841	601	608	615	521	531	542	552	10,811

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	6,841	601	608	615	521	531	542	552	10,811
<b>Total:</b>	6,841	601	608	615	521	531	542	552	10,811

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Move Seattle - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4119-WF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This multi-year project funds assessments, repairs, and improvements to SPU's drinking water utility infrastructure at sites chosen by the Seattle Department of Transportation (SDOT) for bridge improvements and pedestrian and bicycle safety improvements within its "Move Seattle" project. SPU assesses the condition of its utility infrastructure at SDOT's project sites and conducts repairs and improvements as needed. This project was formerly titled "Bridging the Gap - WF."

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	1,667	14,657	17,563	17,262	25,241	11,674	10,584	10,084	108,733
<b>Total:</b>	1,667	14,657	17,563	17,262	25,241	11,674	10,584	10,084	108,733

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,667	14,657	17,563	17,262	25,241	11,674	10,584	10,084	108,733
<b>Total:</b>	1,667	14,657	17,563	17,262	25,241	11,674	10,584	10,084	108,733

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	1,667	14,657	17,563	17,262	25,241	11,674	10,584	10,084	108,733
<b>Total:</b>	1,667	14,657	17,563	17,262	25,241	11,674	10,584	10,084	108,733

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Multiple Utility Relocation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1133
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C110B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides funding for necessary modifications to the location and depth of water pipes when they come into conflict with street improvements or other utility projects. The benefit is continued water service to customers while accommodating transportation and other needs in the street right-of-way.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	505	500	500	500	500	500	500	3,505
<b>Total:</b>	0	505	500	500	500	500	500	500	3,505

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	505	500	500	500	500	500	500	3,505
<b>Total:</b>	0	505	500	500	500	500	500	500	3,505

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	505	500	500	500	500	500	500	3,505
<b>Total:</b>	0	505	500	500	500	500	500	500	3,505

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Operational Facility - Construction - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4106-WF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing facilities project renovates, rehabilitates, and replaces existing buildings and constructs new facilities at various locations within the city limits to address deficiencies, failures, and functional changes in the SPU Lines of Business. Typical improvements include, but are not limited to, roof replacements, exterior wall or cladding replacements, and improvements to administrative office space, crew and shop space, lighting, heating and ventilation systems, and facilities structures. These improvements increase the useful life of the facilities, preserve the value of the assets, and provide a safe working environment.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	1,083	5,063	5,289	2,678	910	3,675	998	1,875	21,572
<b>Total:</b>	1,083	5,063	5,289	2,678	910	3,675	998	1,875	21,572

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,083	5,063	5,289	2,678	910	3,675	998	1,875	21,572
<b>Total:</b>	1,083	5,063	5,289	2,678	910	3,675	998	1,875	21,572

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	1,083	5,063	5,289	2,678	910	3,675	998	1,875	21,572
<b>Total:</b>	1,083	5,063	5,289	2,678	910	3,675	998	1,875	21,572

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Operations Control Center - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4105-WF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	2700 Airport Way S
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	2
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Greater Duwamish

This ongoing facilities project renovates, rehabilitates, and replaces existing buildings and constructs new facilities at the Operations Control Center located at 2700 Airport Way South to improve the efficiency and effectiveness of the field crews delivering utility services to customers. Typical improvements include, but are not limited to, roof and other exterior replacements, improvements to public spaces, office and crew spaces and lighting, and heating and ventilation systems. These improvements increase the useful life of the facility, preserve the value of the asset, and provide a safe work and public space environment.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	167	800	1,750	520	0	0	0	0	3,237
<b>Total:</b>	167	800	1,750	520	0	0	0	0	3,237

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	167	800	1,750	520	0	0	0	0	3,237
<b>Total:</b>	167	800	1,750	520	0	0	0	0	3,237

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	167	800	1,750	520	0	0	0	0	3,237
<b>Total:</b>	167	800	1,750	520	0	0	0	0	3,237

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Other Major Tran Projects - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4123-WF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds Water projects that mitigate undesirable impacts and take advantage of opportunities generated by the capital transportation projects of the Washington State Department of Transportation (WSDOT) and the Seattle Department of Transportation (SDOT) throughout the City. Work may include, but is not limited to, physically protecting the infrastructure during the transportation construction process, repairing and replacing damaged infrastructure, and improving existing infrastructure to meet higher standards. Project sites may include, but are not limited to, State Route 520, Interstate 5, and Interstate 90.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	143	250	500	500	0	0	0	0	1,393
<b>Total:</b>	143	250	500	500	0	0	0	0	1,393

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	143	250	500	500	0	0	0	0	1,393
<b>Total:</b>	143	250	500	500	0	0	0	0	1,393

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	143	250	500	500	0	0	0	0	1,393
<b>Total:</b>	143	250	500	500	0	0	0	0	1,393

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Project Delivery & Performance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5405
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides technology applications and application upgrades in support of improvements to project delivery and performance. Planned projects include continued development of an Enterprise Project Management System, replacement of the Engineering Support Contract Payments system, and SPU's share of costs for the City's central financial system upgrades. Future projects may include development of new Enterprise Resource Planning systems such as HR provisioning and financial reporting. This project will result in an improved ability to plan and deliver projects on schedule and within budget.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	3,593	3,518	861	1,052	924	714	714	714	12,090
<b>Total:</b>	3,593	3,518	861	1,052	924	714	714	714	12,090

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	3,593	3,518	861	1,052	924	714	714	714	12,090
<b>Total:</b>	3,593	3,518	861	1,052	924	714	714	714	12,090

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	3,593	3,518	861	1,052	924	714	714	714	12,090
<b>Total:</b>	3,593	3,518	861	1,052	924	714	714	714	12,090

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Pump Station Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1135
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C110B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project makes improvements to water pump stations by replacing electric motors, starters, control systems, and other elements. The benefit is improved reliability of water pump stations which in turn reduces the likelihood of large scale water outages.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	276	1,600	1,457	2,092	510	500	500	500	7,435
<b>Total:</b>	276	1,600	1,457	2,092	510	500	500	500	7,435

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	276	1,600	1,457	2,092	510	500	500	500	7,435
<b>Total:</b>	276	1,600	1,457	2,092	510	500	500	500	7,435

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	276	1,600	1,457	2,092	510	500	500	500	7,435
<b>Total:</b>	276	1,600	1,457	2,092	510	500	500	500	7,435

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Purveyor Meters Replace-SPU**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1206
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C120B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Transmission
		<b>Location:</b>	Regional
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project installs new meters for Seattle's wholesale customers at the customer's request. In addition, existing meters are upgraded to current safety standards. The benefits are accurate metering and billing for Seattle's wholesale customers while meeting their water needs.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	213	218	223	100	100	100	110	1,064
<b>Total:</b>	0	213	218	223	100	100	100	110	1,064

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	213	218	223	100	100	100	110	1,064
<b>Total:</b>	0	213	218	223	100	100	100	110	1,064

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	213	218	223	100	100	100	110	1,064
<b>Total:</b>	0	213	218	223	100	100	100	110	1,064

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Regional Facility - Other - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4107-WF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	8,272	5,449	5,170	2,689	449	200	200	394	22,822
<b>Total:</b>	8,272	5,449	5,170	2,689	449	200	200	394	22,822

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	8,272	5,449	5,170	2,689	449	200	200	394	22,822
<b>Total:</b>	8,272	5,449	5,170	2,689	449	200	200	394	22,822

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	8,272	5,449	5,170	2,689	449	200	200	394	22,822
<b>Total:</b>	8,272	5,449	5,170	2,689	449	200	200	394	22,822

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Regional Water Conservation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1504
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C150B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Water Resources
		<b>Location:</b>	Citywide and Regional
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides customer incentives for residential, commercial, institutional, and industrial water efficiency capital improvements. Typical examples include, but are not limited to, water efficient toilets and urinals, clothes washers, landscape irrigation devices, upgrades in industrial process water, and replacing water-cooled equipment with air-cooled versions. The project benefits both existing and future ratepayers. Water conservation provides low-cost options for meeting potential challenges from climate change, managing Seattle's drinking water resources, and customer efficiency and potential cost savings on water bills.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	24,444	1,441	1,098	1,126	1,154	1,183	1,212	1,243	32,901
<b>Total:</b>	24,444	1,441	1,098	1,126	1,154	1,183	1,212	1,243	32,901

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	24,444	1,441	1,098	1,126	1,154	1,183	1,212	1,243	32,901
<b>Total:</b>	24,444	1,441	1,098	1,126	1,154	1,183	1,212	1,243	32,901

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	24,444	1,441	1,098	1,126	1,154	1,183	1,212	1,243	32,901
<b>Total:</b>	24,444	1,441	1,098	1,126	1,154	1,183	1,212	1,243	32,901

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Replace Air Valve Chambers**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1209
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C120B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Transmission
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project improves access to the chambers located throughout the transmission water system. The replacement and enlargement of the entrance to transmission chambers increase the safety for workers that need to enter the chambers twice per year.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	1,045	127	130	133	130	130	130	140	1,964
<b>Total:</b>	1,045	127	130	133	130	130	130	140	1,964

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,045	127	130	133	130	130	130	140	1,964
<b>Total:</b>	1,045	127	130	133	130	130	130	140	1,964

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	1,045	127	130	133	130	130	130	140	1,964
<b>Total:</b>	1,045	127	130	133	130	130	130	140	1,964

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Science & System Performance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C5406
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C510B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Technology
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project will provide new and improved technology applications and accompanying data management tools to support the gathering, monitoring, tracking and analysis of science and engineering information. Several planned projects include replacement of obsolete regulatory compliance tracking applications, upgrades to field monitoring equipment, and the integration of SCADA data with other data systems. This project enhances SPU's ability to control water quality and comply with environmental and health regulations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	239	1,254	1,305	600	672	672	672	672	6,086
<b>Total:</b>	239	1,254	1,305	600	672	672	672	672	6,086

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	239	1,254	1,305	600	672	672	672	672	6,086
<b>Total:</b>	239	1,254	1,305	600	672	672	672	672	6,086

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	239	1,254	1,305	600	672	672	672	672	6,086
<b>Total:</b>	239	1,254	1,305	600	672	672	672	672	6,086

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Seattle Direct Water Conservation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1505
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C150B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Water Resources
		<b>Location:</b>	Citywide and Direct Service
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides water use efficiency resources to the City's low-income customers to implement water conservation measures authorized by Ordinance 120532, adopted in 2001, and supplements funding provided under SPU's Regional Water Conservation project (C1504). Typical improvements consist of, but are not limited to, installing water-efficient fixtures, such as aerating showerheads and faucets, low water use toilets and efficient clothes washers.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	4,225	714	732	751	769	789	808	829	9,618
<b>Total:</b>	4,225	714	732	751	769	789	808	829	9,618

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	4,225	714	732	751	769	789	808	829	9,618
<b>Total:</b>	4,225	714	732	751	769	789	808	829	9,618

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	4,225	714	732	751	769	789	808	829	9,618
<b>Total:</b>	4,225	714	732	751	769	789	808	829	9,618

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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**Security Improvements - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C4113-WF
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C410B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds physical, integrated security system components on water infrastructure throughout the City. Components may include, but are not limited to, fences, gates, access control card readers, intercoms, lighting, door and hatch contacts, CCTV cameras, motion detection devices, and fiber and conduit.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	3,855	888	1,425	1,300	938	938	1,300	1,300	11,942
<b>Total:</b>	3,855	888	1,425	1,300	938	938	1,300	1,300	11,942

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	3,855	888	1,425	1,300	938	938	1,300	1,300	11,942
<b>Total:</b>	3,855	888	1,425	1,300	938	938	1,300	1,300	11,942

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	3,855	888	1,425	1,300	938	938	1,300	1,300	11,942
<b>Total:</b>	3,855	888	1,425	1,300	938	938	1,300	1,300	11,942

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Stream & Riparian Restoration**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1602
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C160B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Habitat Conservation Program
		<b>Location:</b>	Cedar River Watershed
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides stream and riparian restoration in the Cedar River Watershed, including large woody debris placement, riparian conifer under-planting, and culvert replacement for fish passage and peak storm flows. This project is a requirement under the Cedar River Habitat Conservation Plan (HCP).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	4,130	217	309	329	528	637	989	265	7,404
<b>Total:</b>	4,130	217	309	329	528	637	989	265	7,404

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	4,130	217	309	329	528	637	989	265	7,404
<b>Total:</b>	4,130	217	309	329	528	637	989	265	7,404

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	4,130	217	309	329	528	637	989	265	7,404
<b>Total:</b>	4,130	217	309	329	528	637	989	265	7,404

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2019 - 2024 Proposed Capital Improvement Program**



**Tank Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1134
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C110B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project implements water quality, seismic, and other improvements to steel water tanks in Seattle. Functional water tanks are essential to public health protection as they assure that the distribution system is under pressure at all times, even when pump stations or control valves malfunction. Depressurization of the water system may result in siphoning back contaminants from faulty private systems and from the ground into the water pipes.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	279	729	2,476	4,075	3,075	3,590	3,930	3,720	21,874
<b>Total:</b>	279	729	2,476	4,075	3,075	3,590	3,930	3,720	21,874

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	279	729	2,476	4,075	3,075	3,590	3,930	3,720	21,874
<b>Total:</b>	279	729	2,476	4,075	3,075	3,590	3,930	3,720	21,874

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	279	729	2,476	4,075	3,075	3,590	3,930	3,720	21,874
<b>Total:</b>	279	729	2,476	4,075	3,075	3,590	3,930	3,720	21,874

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Transmission Pipelines Rehab**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1207
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C120B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Transmission
		<b>Location:</b>	Regional
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project rehabilitates and upgrades water pipes and associated structures in the City of Seattle's transmission system. It assists SPU in providing agreed-upon pressure and flow for wholesale customers, limiting drinking water supply outages, and meeting applicable regulatory requirements of the Washington Department of Health.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	1,968	7,318	6,874	14,384	10,511	3,500	2,500	1,500	48,555
<b>Total:</b>	1,968	7,318	6,874	14,384	10,511	3,500	2,500	1,500	48,555

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,968	7,318	6,874	14,384	10,511	3,500	2,500	1,500	48,555
<b>Total:</b>	1,968	7,318	6,874	14,384	10,511	3,500	2,500	1,500	48,555

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	1,968	7,318	6,874	14,384	10,511	3,500	2,500	1,500	48,555
<b>Total:</b>	1,968	7,318	6,874	14,384	10,511	3,500	2,500	1,500	48,555

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Treatment Facility/Water Quality Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1413
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C140B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Water Quality & Treatment
		<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides construction of various smaller-scale water quality and treatment facility rehabilitation and improvement projects that may develop on short notice over the course of each year. It enhances SPU's ability to address water system improvement needs that relate to public health protection and drinking water regulatory compliance.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	523	250	250	480	150	150	0	0	1,803
<b>Total:</b>	523	250	250	480	150	150	0	0	1,803

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	523	250	250	480	150	150	0	0	1,803
<b>Total:</b>	523	250	250	480	150	150	0	0	1,803

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	523	250	250	480	150	150	0	0	1,803
<b>Total:</b>	523	250	250	480	150	150	0	0	1,803

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Upland Reserve Forest Restore**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1603
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C160B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Habitat Conservation Program
		<b>Location:</b>	Cedar River Watershed
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides upland forest restoration in the Cedar River Watershed, including ecological and restoration thinning, conifer planting, forest inventory and modeling, and species monitoring. This project is a requirement under the Cedar River Habitat Conservation Plan (HCP).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	2,574	82	83	82	82	82	83	83	3,151
<b>Total:</b>	2,574	82	83	82	82	82	83	83	3,151

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	2,574	82	83	82	82	82	83	83	3,151
<b>Total:</b>	2,574	82	83	82	82	82	83	83	3,151

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	2,574	82	83	82	82	82	83	83	3,151
<b>Total:</b>	2,574	82	83	82	82	82	83	83	3,151

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Water Infrastructure-Hydrant Replace/Relocate**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1110
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C110B
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project renews or replaces existing hydrants in the City's water distribution system. In general, hydrant renewal or replacement may occur as a result of hydrant malfunction, catastrophic failure due to vehicle damage, or to meet SPU criticality criteria such as spacing, location, cost, opportunity projects, or flow and pressure problems. This project improves access to fire hydrants for the Seattle Fire Department (SFD) and helps to reduce the damage as a result of fire by locating fire hydrants in alternate or additional locations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	216	221	225	230	235	239	244	1,609
<b>Total:</b>	0	216	221	225	230	235	239	244	1,609

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	216	221	225	230	235	239	244	1,609
<b>Total:</b>	0	216	221	225	230	235	239	244	1,609

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	216	221	225	230	235	239	244	1,609
<b>Total:</b>	0	216	221	225	230	235	239	244	1,609

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

**Water Infrastructure-New Hydrants**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1112
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C110B
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project installs new hydrants in the City's water distribution system. In general, new hydrants are installed to meet service requests made by private property owners and to comply with Washington Administrative Code (WAC) or Seattle Fire Department (SFD) requirements. This project helps to reduce the damage as a result of fire by locating new fire hydrants throughout the City's direct service area.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	13	13	14	14	14	15	15	97
<b>Total:</b>	0	13	13	14	14	14	15	15	97

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	13	13	14	14	14	15	15	97
<b>Total:</b>	0	13	13	14	14	14	15	15	97

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	13	13	14	14	14	15	15	97
<b>Total:</b>	0	13	13	14	14	14	15	15	97

		2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Water Infrastructure-New Taps**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1113
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C110B
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project installs new drinking water services throughout the City of Seattle. This project provides new connections to existing water mains with no interruption of service to adjacent existing customers, and the installation of metered water service lines from the new tap to the new customer's property lines. This project meets City responsibility for new service connections in the Seattle Municipal Code (SMC) to provide reliable drinking water supply to customers.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	9,464	8,201	8,385	8,572	8,764	8,959	9,000	61,345
<b>Total:</b>	0	9,464	8,201	8,385	8,572	8,764	8,959	9,000	61,345

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	9,464	8,201	8,385	8,572	8,764	8,959	9,000	61,345
<b>Total:</b>	0	9,464	8,201	8,385	8,572	8,764	8,959	9,000	61,345

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	9,464	8,201	8,385	8,572	8,764	8,959	9,000	61,345
<b>Total:</b>	0	9,464	8,201	8,385	8,572	8,764	8,959	9,000	61,345

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Water Infrastructure-Service Renewal**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1109
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C110B
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project replaces existing plastic or galvanized water services in the City's water distribution system. Service replacement may occur as a result of leaking, failing, or to reduce damage in case of failure of the water service. This project improves Seattle's water system and extends the life of the system.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	5,837	6,033	6,115	6,193	6,317	6,443	6,572	43,509
<b>Total:</b>	0	5,837	6,033	6,115	6,193	6,317	6,443	6,572	43,509

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	5,837	6,033	6,115	6,193	6,317	6,443	6,572	43,509
<b>Total:</b>	0	5,837	6,033	6,115	6,193	6,317	6,443	6,572	43,509

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	5,837	5,953	6,072	6,193	6,317	6,443	6,572	43,388
<b>Total:</b>	0	5,837	5,953	6,072	6,193	6,317	6,443	6,572	43,388

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



**Water Infrastructure-Water Main Extensions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1111
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C110B
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Distribution
		<b>Location:</b>	Citywide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project assists developers by adding new water mains to the water system in order to serve new residential and commercial developments. Most of the costs are recovered through standard charges. The benefit of this project is that water service is provided to new housing and businesses throughout Seattle.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	862	879	897	915	897	915	933	6,298
<b>Total:</b>	0	862	879	897	915	897	915	933	6,298

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	862	879	897	915	897	915	933	6,298
<b>Total:</b>	0	862	879	897	915	897	915	933	6,298

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	862	879	897	915	897	915	933	6,298
<b>Total:</b>	0	862	879	897	915	897	915	933	6,298

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Water System Dewatering**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1205
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C120B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Transmission
		<b>Location:</b>	Regional
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project improves structures used to empty the water from larger pipelines when necessary for inspection or repair. The new structures better control the impact of the water discharged to the environment and comply with current environmental regulations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	0	27	30	33	35	36	40	45	246
<b>Total:</b>	0	27	30	33	35	36	40	45	246

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	27	30	33	35	36	40	45	246
<b>Total:</b>	0	27	30	33	35	36	40	45	246

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	0	27	30	33	35	36	40	45	246
<b>Total:</b>	0	27	30	33	35	36	40	45	246

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Watermain Rehabilitation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1129
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C110B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Distribution
		<b>Location:</b>	Regional
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project replaces or rehabilitates existing water mains in Seattle. Replacements occur when leaks and breaks become too frequent and the cost of ongoing repairs is no longer cost effective. The benefits of this program can include improved service reliability, fire flow, water quality and lower maintenance costs. These benefits vary depending on the specific water main and site conditions.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	5,808	12,412	12,641	8,767	7,195	4,342	4,502	15,548	71,215
<b>Total:</b>	5,808	12,412	12,641	8,767	7,195	4,342	4,502	15,548	71,215

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	5,808	12,412	12,641	8,767	7,195	4,342	4,502	15,548	71,215
<b>Total:</b>	5,808	12,412	12,641	8,767	7,195	4,342	4,502	15,548	71,215

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	5,808	12,412	12,641	8,767	7,195	4,342	4,502	15,548	71,215
<b>Total:</b>	5,808	12,412	12,641	8,767	7,195	4,342	4,502	15,548	71,215

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**Watershed Road Improvements/Decommissioning**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-SU-C1601
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-SU-C160B
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Habitat Conservation Program
		<b>Location:</b>	Cedar River Watershed
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides forest road improvements and decommissioning in the Cedar River Watershed. The purpose of this project is to reduce the delivery of sediment into the waterways in the watershed to protect both aquatic habitat and water quality. This project is a requirement under the Cedar River Watershed Habitat Conservation Plan (HCP.)

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Water Rates	6,049	840	783	803	847	833	749	763	11,666
<b>Total:</b>	6,049	840	783	803	847	833	749	763	11,666

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	6,049	840	783	803	847	833	749	763	11,666
<b>Total:</b>	6,049	840	783	803	847	833	749	763	11,666

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Water Fund	6,049	840	783	803	847	833	749	763	11,666
<b>Total:</b>	6,049	840	783	803	847	833	749	763	11,666

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

# **Finance and Administrative Services**



### Section 1 – Overview

The Department of Finance and Administrative Services' (FAS) Capital Improvement Program (CIP) is the department's blueprint for planning, replacing, maintaining, remodeling and upgrading facilities and information technology (IT) infrastructure in FAS's jurisdiction. City departments, as well as certain nonprofit agencies that serve the public, use these FAS assets to deliver critical services to Seattle residents.

FAS's proposed CIP includes appropriations for ongoing capital programs and specific capital facilities projects with multiyear durations. Multiyear projects are identified and prioritized against multiple factors, including City goals (e.g., greenhouse gas reduction, public safety), code compliance and severity of system deficiencies and importance to tenant department operations. FAS typically plans the schedules and the funding commitments for these types of multiyear projects every other year in conjunction with the biennial budget process. The six-year FAS CIP includes approximately \$148 million in appropriations for new and existing projects and programs.

### Section 2a – Thematic Priorities

FAS is responsible for the operation and maintenance of approximately three million square feet of building space throughout the city, including municipal courtrooms, police and fire facilities, shops and fleet maintenance facilities, high-rise office space in the civic core, parking garages and some of the locations where City staff provide services to community members. FAS's capital investments must preserve, enhance or extend the operational capacity of these mission-critical systems and facilities. FAS's CIP addresses the following priorities:

- **Asset Preservation** – As authorized in [Ordinance 121642](#), FAS dedicates annual funding to support the replacement of existing building systems, guided by strict policies that commit those funds exclusively to the upgrade or replacement of failing and existing components, such as roofs, windows, structures, electrical capacity, boilers or other systems at the end of their useful lives.
- **Life and Safety Issues** – FAS's CIP gives high priority to projects intended to ensure continuity of service at facilities that provide emergency or other essential services (e.g., the replacement of generators near the end of their useful lives at essential facilities, such as police or fire stations). Projects that mitigate potential threats to human life and safety also receive priority.
- **Federal, State and Local Requirements** – FAS must consider regulatory requirements in assessing capital needs when replacing existing systems in FAS-managed facilities. One example is the Washington Administrative Code requirement to upgrade fire alarm panels and install fire sprinklers when substantial upgrades or modernizations are made to an existing building. Another example is facility improvements mandated by the Americans with Disabilities Act (ADA), which meet the City's dual goals of compliance with federal requirements and provision of equitable access for all.
- **Race and Social Justice Initiative (RSJI)** – FAS integrates the City's social equity contracting requirements into all aspects of the execution of CIP projects. On a contract basis, women- and minority-owned business (WMBE) vendors, construction contractors and subcontractors may perform design and construction work. FAS works within the inclusion plan guidelines for consultant, contracting and purchasing work that City Purchasing and Contracting Services developed and continues to update. Additionally, apprenticeship requirements and the community workforce agreement (CWA) are in effect for construction contracts over \$1 million and \$5 million respectively and create meaningful career opportunities for women and people of color that support the City's RSJI targets.

- **Sustainability** – The City has adopted several sustainability policies that commit FAS, as a building owner, to meet the energy-efficiency requirements of the Seattle Energy Code, achieve cost-effective measures to reduce energy use and incorporate other sustainable strategies. FAS will continue to address new sustainability efforts by proposing additional projects to reduce energy use and greenhouse gas emissions to meet sustainability goals. Mayor Durkan’s [Executive Order 2018-02](#) directed City departments to accelerate a transition to a clean and green City fleet. FAS is working with the Office of Sustainability and Environment and other partner departments to prepare a new Drive Clean Seattle Green Fleet Action Plan by the end of 2018. This plan is anticipated to recommend strategic capital investments.

### **Section 2b – Aligning Capital Investments with Growth and/or Community Planning**

FAS’s 2019-2024 Proposed CIP focuses primarily on preserving existing City assets and infrastructure rather than on implementing growth or community planning efforts. However, some FAS CIP projects have citywide and community impacts; for example, improving accessibility and eliminating public-facing ADA barriers at FAS facilities. In addition, FAS responds to challenges created by new economic development and population growth in Seattle. These include planning for the development of new public safety facilities, such as a fire station in South Lake Union, and accommodating expansion in other city services and operations, such as making tenant improvements to optimize the use of space in the Seattle Municipal Tower (SMT).

### **Section 3 – Project Selection Criteria**

Projects considered for the FAS CIP must fit the thematic priorities above and adhere to the capital and asset preservation policies adopted in [Resolution 31203](#). Projects typically fall into one of two categories: projects that extend or enhance operational effectiveness or projects that preserve City assets. FAS annually solicits requests from its tenant departments for facilities-related projects that create or enhance operational effectiveness, vets them for timeliness and feasibility within existing resources, and evaluates each request on its own merits. FAS also seeks Executive direction regarding projects that may increase departments’ operational capacity and other priorities it should consider as it plans its CIP.

FAS plans asset preservation work on a six-year cycle and revisits the current plan biennially to determine specific projects to develop and execute. Department staff use a custom database known as the Unifier Asset Management and Preservation System (Unifier) to maintain building-specific facilities condition indices and monitor known building deficiencies in the more than 100 FAS-managed buildings.

Every year, FAS generates a prioritized list of outstanding facility asset preservation projects. This list is compiled from annually updated asset management data generated by building condition assessments, energy audits, performance metrics and other capital planning studies. Unifier allows FAS’s various operational work units to collaborate in the scheduling and tracking of preventative maintenance activities. The system organizes tasks such as work-order management, facility maintenance, lease management and the maintenance of property information. As it develops its annual work program, FAS considers projects that include energy efficiency and resource conservation gains and ranks them based on their estimated payback periods. Where feasible, FAS projects will include elements that extend the useful life of improvements, increase tenant comfort and reduce utility bills.



### Section 4 – 2019-2024 CIP highlights:

FAS's 2019-2024 Proposed CIP includes new and existing capital projects and programs that focus on the preservation of FAS properties and infrastructure and on other capital priorities. Preserving the City's facilities in the downtown core area, such as major maintenance on the Seattle Municipal Tower (SMT), remains a primary focus in the near term. In addition, FAS's ongoing installation of electric vehicle (EV) charging stations at the SeaPark garage and other City locations and facilities sets the stage for an increasingly electrified City fleet. The proposed CIP also prioritizes improved accessibility to City resources and services, and it provides funding to make FAS workgroups' space at SMT more efficient and to upgrade information technology systems to support efficient department operations.

The Asset Preservation Program proposes significant projects both in the 29-year old, 62-story SMT, which houses more than 4,000 City employees, and in other City locations as described below.

- **SMT Elevator Rehab** – The elevators and their control systems are nearing the end of their useful lives. Due to the magnitude and phasing requirements of this project, work is anticipated to span multiple years.
- **Asset Preservation in Schedule 1 and 2 Facilities** – The 2019-2024 Proposed CIP includes additional Real Estate Excise Tax (REET I) funding of \$3.5 million in 2019 and \$3.9 million in 2020 to address asset preservation priorities in FAS facilities both within (Schedule 1) and outside (Schedule 2) the downtown core. The funding increment will help address FAS's highest priority asset preservation projects. Specific work to be performed includes replacing the dock at Fire Station 5, replacing the elevator at Seattle Fire Department headquarters, addressing infrastructure requirements at the Seattle Justice Center and performing repairs to the SMT façade.

FAS continues to implement the City's commitment to eliminating greenhouse gas emissions with a significant investment in electric vehicle parking sites for the City's fleet.

- **Electric Vehicle (EV) Charging at SeaPark and Other Locations** – This project, the next phase of the City's Drive Clean Seattle Initiative, will add approximately 150 EV charging stations in the SeaPark garage and approximately 180 EV charging stations at other City facilities and properties. FAS's Capital Development and Construction Management (CDCM) and Fleet Management work units are currently in the pre-design phase for the SeaPark work, preparing for construction to take place in 2019.

Other proposed projects address safety; improve public access; and improve adherence to federal, state and local land use, building code and regulatory requirements. These include the following:

- **Americans with Disabilities Act (ADA) Barrier Removal** – In 2018, FAS completed its barrier removal database, which identifies all barrier deficiencies in FAS properties. In this context, a "barrier" is a physical feature that limits the accessibility of programs or activities to individuals with disabilities. Barriers have been identified according to the design requirements in the ADA Standards for Accessible Design and mitigation can range from simple (e.g., door pressure settings) to complex (e.g., entrance ramps). FAS is using this data to identify its highest priorities for improving public access to City services and resources, and it will address those physical barriers through a multiyear program beginning in 2019.
- **SMT Chiller Plant Replacement** – This project will replace the original SMT chiller plant (heating and air-conditioning system) and related components which have reached the end of their useful lives. Because replacement parts are more difficult to obtain than they once were, there is an increasing

risk of system failure that would materially impact City operations. This multiyear project is expected to require an 18- to 24-month construction period.

- **Haller Lake Fuel Separator** – This project addresses environmental compliance and National Pollutant Discharge Elimination System (NPDES) requirements at the City’s Haller Lake fuel station. FAS will design and install new utility connections, fuel spill shut-off switches, fuel containment vaults and oil separators.

The 2019-24 Proposed CIP includes projects that will allow FAS to accommodate new programmatic and operational needs and function more efficiently.

- **FAS SMT Tenant Improvements** – In May 2018, FAS completed a multiyear SMT master plan. One of the results of this work was an understanding of how FAS can better utilize space in SMT while improving customer service. A multi-phase project to implement this plan will improve customer access to FAS public service counters and accommodate additional department staff within FAS’s current SMT floors. A series of moves and reconfigurations will be accomplished and may involve all FAS SMT floors (41 to 43, 52 and 60) over a period of three to five years.
- **FAS Information Technology (IT) Systems** – In coordination with the Seattle Information Technology Department, FAS will replace some existing department IT systems that are at the end of their useful lives and implement new systems to address current and anticipated operational needs.

### Section 5 – CIP Revenue Sources

Various funding sources, including limited tax general obligation (LTGO) bonds, REET I and space rent charges by FAS to City departments, support the 2019-2024 Proposed CIP. LTGO bonds and REET I funding are proposed to support two major asset preservation projects (the SMT chiller plant replacement and SMT elevator rehab projects) with related debt service to be paid from space rent charges by FAS to City departments. LTGO bonds are also proposed for portions of planned work on FAS information technology system initiatives with debt service to be paid by the FAS divisions that will use each system. In 2019 and 2020, REET I funds will also support electric vehicle infrastructure, help address accessibility barriers, other asset preservation projects and operational improvements. Space rent charges by FAS to City departments provide the historic funding level of \$4 million annually in funding for asset preservation. In addition, 2018 will be the final year for the Fire Facilities and Emergency Response Program levy funding with expenditures for that program ending in early 2019.

### Section 6 – Summary of Upcoming Budget Issues and Challenges

FAS’s principal CIP budget issues reflect the age and condition of many City-owned buildings and the need to address federal, state and local code requirements and City sustainability goals.

- **Asset Preservation** – The FAS Asset Preservation Program, created by Ordinance [121642](#), dedicates funds derived from space rent to replace building systems in 100+ City buildings both inside and outside the downtown core. The Asset Preservation (AP) Program has historically been funded at a level of \$4 million annually, which is not sufficient on an ongoing basis to address large major maintenance projects or system replacement according to predictive maintenance cycles. The additional annual REET funding included in the 2019-2024 Proposed CIP is a step forward in allowing FAS to address asset preservation needs, and FAS will continue to seek additional funding in future years for the AP Program.

## Finance and Administrative Services

- **Accessible Facilities** – FAS-owned and maintained facilities are occupied by City departments that provide programs and services to the public. As in previous years, FAS continues to prioritize the accessibility of its facilities. In December 2018, FAS will submit its work plan to execute a multiyear program starting in 2019 to address improvements in FAS properties that house City programs and public services. The improvements will comply with Title II of the Federal Americans with Disabilities Act (ADA).
- **Building, Energy and Land Use Codes and City Sustainability Goals** – FAS’s efforts will play a major role in the City’s achievement of its sustainability and environmental goals. FAS must continue to provide reliable, compliant and structurally sound facilities that City departments use and the public accesses. These investments require that FAS be diligent in evaluating and incorporating cost-effective strategies and methods that achieve code compliance, energy efficiency and accessibility in the operations, maintenance and infrastructure improvements of its buildings.

### Section 7 – Future Projects/What Is on the Horizon

City facilities must be accessible, reliable, well-maintained and responsive to the business needs of City departments to ensure public safety and the delivery of critical services to customers. FAS faces a continued challenge in adequately funding asset preservation and major maintenance requirements at the City’s aging facilities, including the 29-year-old Seattle Municipal Tower, fire department headquarters and FAS’s shops and yards.

Another issue relates to planning for public safety facilities overall. Especially in the face of population growth and new economic development in Seattle, it remains a challenge to determine the relative priority of asset preservation work on existing public safety facilities (such as at the aging SFD Headquarters facility) compared to possible new public safety facility investments, such as acquiring or developing a new facility for SFD Headquarters, developing a South Lake Union fire station, and improving or expanding facilities that serve the Seattle Police Department. A related task is to develop a funding strategy for any proposed new public safety facility investments.



# Finance and Administrative Services

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
<b>ADA Improvements</b>					<b>BSL/Program Code:</b>		<b>BC-FA-ADAIMPR</b>		
<u>Ongoing</u>									
ADA Improvements - FAS (MC-FA-ADAIMPFAS)	1,612	755	750	750	0	0	0	0	3,868
<b>ADA Improvements</b>	1,612	755	750	750	0	0	0	0	3,868
<b>Asset Preserv_Sch 1 Facilities</b>					<b>BSL/Program Code:</b>		<b>BC-FA-APSCH1FAC</b>		
<u>Discrete</u>									
Seattle Municipal Tower Chiller Plant Replacement (MC-FA-SMTCHLRPL)	0	5,000	6,500	7,000	0	0	0	0	18,500
Seattle Municipal Tower Elevator Rehab (MC-FA- SMTELVHRB)	0	0	1,000	4,500	4,500	0	0	0	10,000
<u>Ongoing</u>									
Asset Preservation - Schedule 1 Facilities (MC- FA-APSCH1FAC)	6,503	13,943	4,252	3,052	3,052	4,652	3,152	4,152	42,758
<b>Asset Preserv_Sch 1 Facilities</b>	6,503	18,943	11,752	14,552	7,552	4,652	3,152	4,152	71,258
<b>Asset Preserv_Sch 2 Facilities</b>					<b>BSL/Program Code:</b>		<b>BC-FA-APSCH2FAC</b>		
<u>Discrete</u>									
Haller Lake Improvements (MC-FA-HALLERSW)	415	585	200	0	0	0	0	0	1,200
<u>Ongoing</u>									
Asset Preservation - Schedule 2 Facilities (MC- FA-APSCH2FAC)	6,953	2,493	3,248	4,848	3,448	1,848	3,348	3,848	30,034
<b>Asset Preserv_Sch 2 Facilities</b>	7,367	3,079	3,448	4,848	3,448	1,848	3,348	3,848	31,234
<b>FAS Oversight - External Proj</b>					<b>BSL/Program Code:</b>		<b>BC-FA-EXTPROJ</b>		
<u>Ongoing</u>									
Energy Efficiency for Municipal Buildings (MC- FA-ENEFFMBLD)	2,560	7,019	2,500	2,500	4,500	4,500	4,500	4,500	32,579
<b>FAS Oversight - External Proj</b>	2,560	7,019	2,500	2,500	4,500	4,500	4,500	4,500	32,579
<b>FAS Project Delivery Services</b>					<b>BSL/Program Code:</b>		<b>BC-FA-FASPDS</b>		

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

Ongoing

City Facilities Project Delivery Services (MC-FA-CTYPDS)	0	0	0	0	0	0	0	0	0
Customer Requested Tenant Improvement Program (MC-FA-FASPDS)	0	3,500	3,500	3,500	3,500	3,500	3,500	3,500	24,500

<b>FAS Project Delivery Services</b>	0	3,500	3,500	3,500	3,500	3,500	3,500	3,500	24,500
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**Garden of Remembrance**

**BSL/Program Code:**

**BC-FA-GARDENREM**

Ongoing

Garden of Remembrance (MC-FA-GARDENREM)	406	28	28	29	30	31	32	33	617
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<b>Garden of Remembrance</b>	406	28	28	29	30	31	32	33	617
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**General Govt Facilities**

**BSL/Program Code:**

**BC-FA-GOVTFAC**

Discrete

ADA Improvements - Citywide (MC-FA-ADAIMPCTY)	835	500	0	0	0	0	0	0	1,335
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Benaroya Hall Transforming Soundbridge (MC-FA-BENSNDDBG)	0	1,500	0	0	0	0	0	0	1,500
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Charles Street Campus Development (MC-FA-CHASDEV)	0	175	0	0	0	0	0	0	175
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Civic Square (MC-FA-GFCIVSQ)	613	629	0	0	0	0	0	0	1,242
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Drive Clean Seattle Fleet Electric Vehicle Infrastructure (MC-FA-DRVCLNFLT)	1,054	1,299	4,500	1,000	0	0	0	0	7,852
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FAS Shelter Facilities (MC-FA-SHELTERFA)	0	1,000	0	0	0	0	0	0	1,000
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Fire Stations Ventilation Upgrades (MC-FA-SFDVENT)	0	700	810	1,110	180	0	0	0	2,800
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Navigation Center (MC-FA-PRLWARNVC)	1,364	36	0	0	0	0	0	0	1,400
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Seattle City Hall HVAC Improvements (MC-FA-CTYHLHVAC)	418	482	0	0	0	0	0	0	900
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Seattle Municipal Tower IDF Infrastructure Upgrades (MC-FA-SMTIDFINF)	1,881	619	0	0	0	0	0	0	2,500
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

Ongoing

City Hall and Seattle Municipal Tower Tenant Improvements (MC-FA-CTYHLTIMP)	3,461	2,485	2,700	1,300	0	0	0	0	9,947
Customer Requested Tenant Improvement Program (MC-FA-CREQTIMP)	52,595	7,996	0	0	0	0	0	0	60,591
Facility Projects Planning (MC-FA-FACPRJPLN)	642	708	0	0	0	0	0	0	1,350
Seattle Municipal Courts (MC-FA-MUNICOURT)	958	205	140	140	0	0	0	0	1,443
Seattle Municipal Tower Facility Upgrades (MC-FA-SMTUPG)	0	1,500	400	0	0	0	0	0	1,900

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<b>General Govt Facilities</b>	63,820	19,835	8,550	3,550	180	0	0	0	95,935
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**Information Technology**

**BSL/Program Code: BC-FA-A1IT**

Discrete

Electronic Records Management System (MC-FA-EMALARCH)	2,554	232	0	0	0	0	0	0	2,786
SLIM Replacement (MC-FA-SLIMREPL)	271	129	0	0	0	0	0	0	400
Summit Re-Implementation (MC-FA-A1IT01)	59,875	23,558	0	0	0	0	0	0	83,433

Ongoing

FAS Information Technology System Initiatives (MC-FA-ITSYSINIT)	0	0	1,333	1,970	0	0	0	0	3,303
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<b>Information Technology</b>	62,699	23,919	1,333	1,970	0	0	0	0	89,922
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**Neighborhood Fire Stations**

**BSL/Program Code: BC-FA-NBHFIRE**

Debt Service

Fire Station Improvement Debt Service (MC-FA-FSDEBTSV)	32,303	3,324	3,394	3,387	3,397	3,397	3,388	3,385	55,974
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Discrete

Fire Station 32 (MC-FA-FFERPF32)	10,788	2,141	0	0	0	0	0	0	12,929
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<b>Neighborhood Fire Stations</b>	43,091	5,465	3,394	3,387	3,397	3,397	3,388	3,385	68,903
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**Publ Safety Facilities\_Police**

**BSL/Program Code: BC-FA-PSFACPOL**

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

Discrete

Seattle Police Department North Area Interim and Long-Term Facilities (MC-FA-SPDNFAC)	210	10,890	0	0	0	0	0	0	11,100
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Ongoing

Seattle Police Facilities (MC-FA-PFACNPCT)	2,861	2,500	0	0	0	0	0	0	5,361
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<b>Publ Safety Facilities_Police</b>	3,071	13,390	0	0	0	0	0	0	16,461
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**Public Safety Facilities\_Fire** **BSL/Program Code: BC-FA-PSFACFIRE**

Discrete

Fire Facilities South Lake Union (MC-FA-PSFSSLU)	0	1,000	0	0	0	0	0	0	1,000
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Fire Station 31 Improvements (MC-FA-FS31IMP)	542	1,608	0	0	0	0	0	0	2,150
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Fire Station 5 (MC-FA-FS5)	3,833	4,968	0	0	0	0	0	0	8,801
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Fire Station 5 Relocation (MC-FA-FS5RELO)	593	1,986	0	0	0	0	0	0	2,579
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<b>Public Safety Facilities_Fire</b>	4,968	9,562	0	0	0	0	0	0	14,530
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**Summit Re-Impl Dept Cap Needs** **BSL/Program Code: BC-FA-SRICAPNDS**

Discrete

Summit Re-Implementation - Department Capital Needs (MC-FA-SRICAPNDS)	2,955	5,100	0	0	0	0	0	0	8,055
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<b>Summit Re-Impl Dept Cap Needs</b>	2,955	5,100	0	0	0	0	0	0	8,055
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<b>Department Total:</b>	199,052	110,596	35,255	35,086	22,607	17,928	17,920	19,418	457,861
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\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**



## Finance and Administrative Services

### Fund Summary

Fund Name & Code	LTD Actuals	2018	2019	2020	2021	2022	2023	2024	Total
2003 Fire Facilities Fund (34440)	6,347	81	0	0	0	0	0	0	6,428
2013 Multipurpose LTGO Bond Fund (35700)	5,886	0	0	0	0	0	0	0	5,886
2014 Multipurpose LTGO Bond Fund (36100)	8,324	0	0	0	0	0	0	0	8,324
2015 Multipurpose LTGO Bond Fund (36200)	1,630	257	0	0	0	0	0	0	1,887
2016 Multipurpose LTGO Bond Fund (36300)	24,637	2,350	0	0	0	0	0	0	26,987
2017 Multipurpose LTGO Bond Fund (36400)	9,235	10,394	0	0	0	0	0	0	19,629
2018 Multipurpose LTGO Bond Fund (36500)	0	10,887	0	0	0	0	0	0	10,887
2019 Multipurpose LTGO Bond Fund (36600)	0	0	4,833	0	0	0	0	0	4,833
2020 Multipurpose LTGO Bond Fund (36700)	0	0	0	12,970	0	0	0	0	12,970
2021 Multipurpose LTGO Bond Fund (36800)	0	0	0	0	4,500	0	0	0	4,500
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	975	507	28	29	30	31	32	33	1,665
Facility Asset Preservation Fund (50322)	13,456	18,037	4,000	4,000	4,000	4,000	4,000	4,000	55,492
Finance and Administrative Services Fund (50300)	75,342	24,731	3,500	3,500	3,500	3,500	3,500	3,500	121,073
General Fund (00100)	287	439	0	0	0	0	0	0	726
Municipal Civic Center Fund (34200)	613	629	0	0	0	0	0	0	1,242
REET I Capital Fund (30010)	52,321	41,283	22,894	14,587	10,577	10,397	10,388	11,885	174,332
REET II Capital Fund (30020)	0	1,000	0	0	0	0	0	0	1,000
<b>Department Total:</b>	<b>199,052</b>	<b>110,596</b>	<b>35,255</b>	<b>35,086</b>	<b>22,607</b>	<b>17,928</b>	<b>17,920</b>	<b>19,418</b>	<b>457,861</b>

*\*Amounts in thousands of dollars*

### 2019 - 2024 Proposed Capital Improvement Program



## Finance and Administrative Services

### Fire Station Improvement Debt Service

<b>Project Type:</b>	Debt Service	<b>Project No.:</b>	MC-FA-FSDEBTSV
<b>Start/End Date:</b>	2008-2037	<b>BSL/Program Code:</b>	BC-FA-NBHFIRE
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Neighborhood Fire Stations
		<b>Location:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$91,588	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the payment of debt service on bonds issued to cover a portion of the costs associated with the 2003 Fire Facilities and Emergency Response Levy and associated asset preservation expenses.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Real Estate Excise Tax I	32,303	3,324	3,394	3,387	3,397	3,397	3,388	3,385	55,974
<b>Total:</b>	32,303	3,324	3,394	3,387	3,397	3,397	3,388	3,385	55,974

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

REET I Capital Fund	32,303	3,324	3,394	3,387	3,397	3,397	3,388	3,385	55,974
<b>Total:</b>	32,303	3,324	3,394	3,387	3,397	3,397	3,388	3,385	55,974

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

REET I Capital Fund	32,303	3,324	3,394	3,387	3,397	3,397	3,388	3,385	55,974
<b>Total:</b>	32,303	3,324	3,394	3,387	3,397	3,397	3,388	3,385	55,974

			2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>			0	0	0	0	0	0	0
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### ADA Improvements - Citywide

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-ADAIMPCTY
<b>Start/End Date:</b>	2012-2018	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	General Govt Facilities
<b>Current Project Stage:</b>	Execution	<b>Location:</b>	Multiple City facilities
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$1,335	<b>Urban Village:</b>	Multiple

This project provides FAS technical assistance, consultant engagement and City policy work related to Americans with Disabilities Act (ADA) improvements identified in the Citywide Transition Plan, for FAS and other departments.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	835	500	0	0	0	0	0	0	1,335
<b>Total:</b>	835	500	0	0	0	0	0	0	1,335

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	835	500	0	0	0	0	0	0	1,335
<b>Total:</b>	835	500	0	0	0	0	0	0	1,335

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	835	500	0	0	0	0	0	0	1,335
<b>Total:</b>	835	500	0	0	0	0	0	0	1,335

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Benaroya Hall Transforming Soundbridge

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-BENSNDDBG
<b>Start/End Date:</b>	2017-2019	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	General Govt Facilities
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	1301 3rd Ave.
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$1,500	<b>Urban Village:</b>	Downtown

This project provides City resources to fund a portion of the Benaroya Hall capital project to transform the Soundbridge learning space into OCTAVE 9. OCTAVE 9 will be a performance and learning environment that uses the latest audio-visual technology to allow viewers to see performances on-line. Full construction work includes, but is not limited to, demolition, complete construction of the interior finishes, including electrical, cabling, HVAC and renovations of the restrooms.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	1,500	0	0	0	0	0	0	1,500
<b>Total:</b>	0	1,500	0	0	0	0	0	0	1,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	0	1,500	0	0	0	0	0	0	1,500
<b>Total:</b>	0	1,500	0	0	0	0	0	0	1,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	0	1,500	0	0	0	0	0	0	1,500
<b>Total:</b>	0	1,500	0	0	0	0	0	0	1,500

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Charles Street Campus Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-CHASDEV
<b>Start/End Date:</b>	2017-2018	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	General Govt Facilities
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	1030 7th Ave. S
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$175	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the Department of Finance and Administrative Services (FAS) to engage a consultant on assessment, work scoping, and predesign for the City’s future development of some or all of the Charles Street Campus, including the northern parcels along Dearborn Street. The consultant work will draw from the 2016 Potential Evaluation Study for Transit Oriented Development (TOD) that was conducted by the Seattle Department of Transportation and the 2015 Charles Street Campus Master Plan Study conducted by FAS. FAS will partner with the Office of Planning and Community Development to hire and oversee the consultant engagement, and the results of the engagement will inform the City's next steps for community outreach related to the overall Chinatown International District Community Development Plan.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	175	0	0	0	0	0	0	175
<b>Total:</b>	0	175	0	0	0	0	0	0	175

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	0	175	0	0	0	0	0	0	175
<b>Total:</b>	0	175	0	0	0	0	0	0	175

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	0	175	0	0	0	0	0	0	175
<b>Total:</b>	0	175	0	0	0	0	0	0	175

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Civic Square

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-GFCIVSQ
<b>Start/End Date:</b>	2009-2019	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	General Govt Facilities
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	600 3rd AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$1,242	<b>Urban Village:</b>	Downtown

This project provides for the City's project management and consultant costs associated with the City's involvement in the redevelopment of the former Public Safety Building site between James and Cherry Streets and Third and Fourth Avenues, the final project completing the Civic Center Master Plan.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Interdepartmental Transfer	613	629	0	0	0	0	0	0	1,242
<b>Total:</b>	613	629	0	0	0	0	0	0	1,242

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Municipal Civic Center Fund	613	629	0	0	0	0	0	0	1,242
<b>Total:</b>	613	629	0	0	0	0	0	0	1,242

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Municipal Civic Center Fund	613	629	0	0	0	0	0	0	1,242
<b>Total:</b>	613	629	0	0	0	0	0	0	1,242

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## Finance and Administrative Services

### Drive Clean Seattle Fleet Electric Vehicle Infrastructure

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-DRVCLNFLT
<b>Start/End Date:</b>	2016-2020	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	General Govt Facilities
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$7,852	<b>Urban Village:</b>	Multiple

This project funds FAS's capital work efforts towards meeting the Drive Clean Seattle (DCS) initiative, a comprehensive transportation electrification strategy to transition Seattle's transportation sector from reliance on fossil fuels to the maximal use of clean, carbon-neutral electricity. Work at city facilities in 2019 and 2020 will include, but is not limited to, the design, permitting, and construction of 150 electric vehicle charging stations at the City-owned SeaPark location, as well as the development of charging stations at multiple other City facilities and properties, to provide capacity for the conversion of City fleet to electric vehicles.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	1,054	1,299	4,500	1,000	0	0	0	0	7,852
<b>Total:</b>	1,054	1,299	4,500	1,000	0	0	0	0	7,852

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	1,054	1,299	4,500	1,000	0	0	0	0	7,852
<b>Total:</b>	1,054	1,299	4,500	1,000	0	0	0	0	7,852

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	1,054	1,299	4,500	1,000	0	0	0	0	7,853
<b>Total:</b>	1,054	1,299	4,500	1,000	0	0	0	0	7,853

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program



## Finance and Administrative Services

**Electronic Records Management System**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-EMALARCH
<b>Start/End Date:</b>	2014-2018	<b>BSL/Program Code:</b>	BC-FA-A1IT
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Information Technology
<b>Current Project Stage:</b>	Execution	<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$2,786	<b>Urban Village:</b>	Multiple

This project is a multi-year initiative to address a citywide need for an electronic records management system that will manage the retention of electronic records in all formats, provide efficient search and delivery tools for responding to business needs, public records requests and other legal matters, and allow direct online access to records of wide public interest. The project will begin with the replacement of the City's current email archiving system and be followed by additional phases expanding electronic records management capabilities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Obligation Bonds	1,286	0	0	0	0	0	0	0	1,286
General Obligation Bonds	1,268	232	0	0	0	0	0	0	1,500
<b>Total:</b>	2,554	232	0	0	0	0	0	0	2,786

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2014 Multipurpose LTGO Bond Fund	1,286	0	0	0	0	0	0	0	1,286
2015 Multipurpose LTGO Bond Fund	1,268	232	0	0	0	0	0	0	1,500
<b>Total:</b>	2,554	232	0	0	0	0	0	0	2,786

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2014 Multipurpose LTGO Bond Fund	1,286	0	0	0	0	0	0	0	1,286
2015 Multipurpose LTGO Bond Fund	1,268	232	0	0	0	0	0	0	1,500
<b>Total:</b>	2,554	232	0	0	0	0	0	0	2,786

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Finance and Administrative Services

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### FAS Shelter Facilities

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-SHELTERFA
<b>Start/End Date:</b>	2018-2019	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	General Govt Facilities
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	800 Aloha ST
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$1,000	<b>Urban Village:</b>	Multiple

This project addresses the sheltering needs of the unsheltered homeless in Seattle by developing sheltering facilities and authorized encampments in support of the City’s Bridge Housing Investment Strategy to increase the supply of interim or “bridge” shelter and housing for people currently living unsheltered. The project supports costs related to acquiring or leasing property, as well as to design and construction of new facilities and improvements to existing facilities and properties.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	1,000	0	0	0	0	0	0	1,000
<b>Total:</b>	0	1,000	0	0	0	0	0	0	1,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET II Capital Fund	0	1,000	0	0	0	0	0	0	1,000
<b>Total:</b>	0	1,000	0	0	0	0	0	0	1,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET II Capital Fund	0	1,000	0	0	0	0	0	0	1,000
<b>Total:</b>	0	1,000	0	0	0	0	0	0	1,000

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Fire Facilities South Lake Union

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-PSFSSLU
<b>Start/End Date:</b>	2017-2019	<b>BSL/Program Code:</b>	BC-FA-PSFACFIRE
<b>Project Category:</b>	New Facility	<b>BSL/Program Name:</b>	Public Safety Facilities_Fire
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	
<b>Neighborhood District:</b>	Lake Union	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$1,000	<b>Urban Village:</b>	Multiple

This project provides for site evaluation and acquisition (and potential future design and construction) for a new Marine Emergency Response facility for a freshwater and land-based fire apparatus in the vicinity of the South Lake Union and Denny Triangle neighborhoods. Due to recent population growth in these neighborhoods, there is an ever-increasing need to site a new facility. Initial funding in 2018 supports the City's acquisition of a parcel and/or design and pre-planning costs. The total cost of developing the facility has not yet been determined.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	1,000	0	0	0	0	0	0	1,000
<b>Total:</b>	0	1,000	0	0	0	0	0	0	1,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	0	1,000	0	0	0	0	0	0	1,000
<b>Total:</b>	0	1,000	0	0	0	0	0	0	1,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	0	1,000	0	0	0	0	0	0	1,000
<b>Total:</b>	0	1,000	0	0	0	0	0	0	1,000

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Fire Station 31 Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-FS31IMP
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-FA-PSFACFIRE
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Public Safety Facilities_Fire
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	1319 N Northgate Way
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	5
<b>Total Project Cost:</b>	\$2,150	<b>Urban Village:</b>	Aurora Licton Springs

The Seattle Fire Department’s new tillered aerials are longer than the previous ladder trucks and do not fit in the apparatus bays at Fire Station 31. This project will design, permit and construct an expansion to three apparatus bays at Fire Station 31 to accommodate the larger tillered aerial. The approximately 2,000-square-foot addition will extend into the existing apron, which is constructed over the existing basement. This will require the structure to extend into the basement and trigger a reorganization of the functions below the bay. Coordinated with this work in an adjacent space will be the expansion of the bunker storage space, including electrical and mechanical modifications, for improved ventilation and dehumidification of firefighter bunking gear.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	542	1,608	0	0	0	0	0	0	2,150
<b>Total:</b>	542	1,608	0	0	0	0	0	0	2,150

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	542	1,608	0	0	0	0	0	0	2,150
<b>Total:</b>	542	1,608	0	0	0	0	0	0	2,150

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	542	1,608	0	0	0	0	0	0	2,150
<b>Total:</b>	542	1,608	0	0	0	0	0	0	2,150

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

**Fire Station 32**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-FFERPFS32
<b>Start/End Date:</b>	2010-2019	<b>BSL/Program Code:</b>	BC-FA-NBHFFIRE
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Neighborhood Fire Stations
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	3715 SW Alaska St
<b>Neighborhood District:</b>	Southwest	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$12,929	<b>Urban Village:</b>	West Seattle Junction

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 32 in a three-story structure at its existing site. It also provides temporary quarters for firefighters while the fire station is under construction. The existing Fire Station 32 is seismically vulnerable and cannot feasibly be renovated to provide the space necessary to support modern firefighting equipment and emergency functions. The project supports firefighters in the provision of high-quality emergency services to the West Seattle community and will protect them in the event of an earthquake.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	6,347	81	0	0	0	0	0	0	6,428
General Obligation Bonds	362	25	0	0	0	0	0	0	387
General Obligation Bonds	0	1,400	0	0	0	0	0	0	1,400
Real Estate Excise Tax I	4,080	635	0	0	0	0	0	0	4,714
<b>Total:</b>	10,788	2,141	0	0	0	0	0	0	12,929

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2003 Fire Facilities Fund	6,347	81	0	0	0	0	0	0	6,428
2015 Multipurpose LTGO Bond Fund	362	25	0	0	0	0	0	0	387
2018 Multipurpose LTGO Bond Fund	0	1,400	0	0	0	0	0	0	1,400
REET I Capital Fund	4,080	635	0	0	0	0	0	0	4,714
<b>Total:</b>	10,788	2,141	0	0	0	0	0	0	12,929

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2003 Fire Facilities Fund	6,347	81	0	0	0	0	0	0	6,428
2015 Multipurpose LTGO Bond Fund	362	25	0	0	0	0	0	0	387

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2018 Multipurpose LTGO Bond Fund	0	1,400	0	0	0	0	0	0	1,400
REET I Capital Fund	4,080	635	0	0	0	0	0	0	4,714
<b>Total:</b>	10,788	2,141	0	0	0	0	0	0	12,929
			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Fire Station 5

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-FS5
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-FA-PSFACFIRE
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Public Safety Facilities_Fire
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	925 Alaskan Way
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$8,801	<b>Urban Village:</b>	Downtown

This project, located on the downtown Seattle waterfront, provides a seismic and safety upgrade for Fire Station 5 and makes functional improvements to the facility and building systems. The project renovates the fire station to protect fire fighters in the event of an earthquake and allows them to provide high-quality marine and land-based emergency service. The project is timed to coincide with the Seawall replacement project as this facility is physically attached to the Seawall structure.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Interdepartmental Transfer	51	191	0	0	0	0	0	0	242
General Obligation Bonds	1,802	198	0	0	0	0	0	0	2,000
General Obligation Bonds	1,024	3,276	0	0	0	0	0	0	4,300
Real Estate Excise Tax I	957	1,302	0	0	0	0	0	0	2,259
<b>Total:</b>	<b>3,833</b>	<b>4,968</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,801</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Finance and Administrative Services Fund	51	191	0	0	0	0	0	0	242
2016 Multipurpose LTGO Bond Fund	1,802	198	0	0	0	0	0	0	2,000
2017 Multipurpose LTGO Bond Fund	1,024	3,276	0	0	0	0	0	0	4,300
REET I Capital Fund	957	1,302	0	0	0	0	0	0	2,259
<b>Total:</b>	<b>3,833</b>	<b>4,968</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,801</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Finance and Administrative Services Fund	51	191	0	0	0	0	0	0	242

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program



	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2016 Multipurpose LTGO Bond Fund	1,802	198	0	0	0	0	0	0	2,000
2017 Multipurpose LTGO Bond Fund	1,024	3,276	0	0	0	0	0	0	4,300
REET I Capital Fund	957	1,302	0	0	0	0	0	0	2,259
<b>Total:</b>	<b>3,833</b>	<b>4,968</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,801</b>
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### **2019 - 2024 Proposed Capital Improvement Program**

## Finance and Administrative Services

### Fire Station 5 Relocation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-FS5RELO
<b>Start/End Date:</b>	2014-2019	<b>BSL/Program Code:</b>	BC-FA-PSFACFIRE
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Public Safety Facilities_Fire
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	925 Alaskan WAY
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$2,579	<b>Urban Village:</b>	Downtown

This project provides for the coordination and costs associated with the relocations made necessary by the City's pier restructuring, seawall construction, viaduct demolition, and waterfront reconstruction projects. These projects will result in the relocation of both land and marine crews to temporary locations.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

FAS Fund Balance	593	1,986	0	0	0	0	0	0	2,579
<b>Total:</b>	593	1,986	0	0	0	0	0	0	2,579

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

Finance and Administrative Services Fund	593	1,986	0	0	0	0	0	0	2,579
<b>Total:</b>	593	1,986	0	0	0	0	0	0	2,579

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

Finance and Administrative Services Fund	593	1,986	0	0	0	0	0	0	2,579
<b>Total:</b>	593	1,986	0	0	0	0	0	0	2,579

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Fire Stations Ventilation Upgrades

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-SFDVENT
<b>Start/End Date:</b>	2018-2022	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	General Govt Facilities
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$2,800	<b>Urban Village:</b>	Multiple

This project funds the design and construction of fire station ventilation upgrades at 10 fire stations and the Joint Training Facility to bring these facilities into conformance with the section of the Washington Administrative Code that defines safety standards for firefighters.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	700	810	1,110	180	0	0	0	2,800
<b>Total:</b>	0	700	810	1,110	180	0	0	0	2,800

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	0	700	810	1,110	180	0	0	0	2,800
<b>Total:</b>	0	700	810	1,110	180	0	0	0	2,800

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	0	700	810	1,110	180	0	0	0	2,800
<b>Total:</b>	0	700	810	1,110	180	0	0	0	2,800

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Haller Lake Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-HALLERSW
<b>Start/End Date:</b>	-	<b>BSL/Program Code:</b>	BC-FA-APSCH2FAC
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Asset Preserv_Sch 2 Facilities
<b>Current Project Stage:</b>		<b>Location:</b>	12600 Stone AVE N
<b>Neighborhood District:</b>	North	<b>Council District:</b>	5
<b>Total Project Cost:</b>	\$0	<b>Urban Village:</b>	Not in an Urban Village

This project will complete the design and construction for improvements at the Haller Lake complex. Work will include, but is not limited to, architectural and engineering services associated with predesign, programming, design and construction. This project includes funding to make minor capital improvements. The full extent of improvements needed will require operational modifications as well. There may be further capital work as operational modifications are implemented and other remediation measures are discovered.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
FAS Fund Balance	0	500	0	0	0	0	0	0	500
Real Estate Excise Tax I	415	85	200	0	0	0	0	0	700
<b>Total:</b>	415	585	200	0	0	0	0	0	1,200

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Finance and Administrative Services Fund	0	500	0	0	0	0	0	0	500
REET I Capital Fund	415	85	200	0	0	0	0	0	700
<b>Total:</b>	415	585	200	0	0	0	0	0	1,200

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Finance and Administrative Services Fund	0	500	0	0	0	0	0	0	500
REET I Capital Fund	415	85	200	0	0	0	0	0	700
<b>Total:</b>	415	585	200	0	0	0	0	0	1,200

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Navigation Center

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-PRLWARNVC
<b>Start/End Date:</b>	2017-2018	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	General Govt Facilities
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	12th AVE S/12th AVE S
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$1,400	<b>Urban Village:</b>	Downtown

This project funds capital improvements at the Pearl Warren building in support of the creation of a Navigation Center. Work includes but is not limited to design, structural repair, electrical, plumbing, HVAC, and envelope repairs as required to create a safe and compliant facility suitable for occupancy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

FAS Fund Balance	1,364	36	0	0	0	0	0	0	1,400
<b>Total:</b>	1,364	36	0	0	0	0	0	0	1,400

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

Finance and Administrative Services Fund	1,364	36	0	0	0	0	0	0	1,400
<b>Total:</b>	1,364	36	0	0	0	0	0	0	1,400

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

Finance and Administrative Services Fund	1,364	36	0	0	0	0	0	0	1,400
<b>Total:</b>	1,364	36	0	0	0	0	0	0	1,400

			2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>			0	0	0	0	0	0	0
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Seattle City Hall HVAC Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-CTYHLHVAC
<b>Start/End Date:</b>	2016-2019	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	General Govt Facilities
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	600 Fourth AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$900	<b>Urban Village:</b>	Downtown

This project funds Heating Ventilation and Air Conditioning (HVAC) system improvements to Seattle City Hall. These improvements include, but are not limited to, updating the building control system and reconfiguration of existing systems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Real Estate Excise Tax I	418	482	0	0	0	0	0	0	900
<b>Total:</b>	418	482	0	0	0	0	0	0	900

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

REET I Capital Fund	418	482	0	0	0	0	0	0	900
<b>Total:</b>	418	482	0	0	0	0	0	0	900

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

REET I Capital Fund	418	482	0	0	0	0	0	0	900
<b>Total:</b>	418	482	0	0	0	0	0	0	900

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

**Seattle Municipal Tower Chiller Plant Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-SMTCHLRPL
<b>Start/End Date:</b>	2018-2020	<b>BSL/Program Code:</b>	BC-FA-APSCH1FAC
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Asset Preserv_Sch 1 Facilities
<b>Current Project Stage:</b>	Design	<b>Location:</b>	700 Fifth AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$18,500	<b>Urban Village:</b>	Downtown

This project replaces the chiller plant in the Seattle Municipal Tower (SMT). The project will require a multi-year execution plan to allow for permitting, design, procurement and construction to occur during the windows of opportunity when cooling is not required. This highly technical, complex construction effort is a once-in-a-generation endeavor. With a dwindling supply of spare parts for maintenance and repairs, it is no longer feasible to defer this critical work, and delaying the project would put FAS at risk of not being able to provide essential cooling to City of Seattle offices and other building tenants. Project costs shown here are exclusive of \$1 million expended on preliminary work on this project in 2018. Those funds are included in the Asset Preservation - Schedule 1 Facilities project (MC-FA-APSCH1FAC).

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	0	3,000	500	0	0	0	0	3,500
Department Space Allocation Charges	0	5,000	0	0	0	0	0	0	5,000
2019 LTGO Bond Proceeds	0	0	3,500	0	0	0	0	0	3,500
2020 LTGO Bond Proceeds	0	0	0	6,500	0	0	0	0	6,500
<b>Total:</b>	0	5,000	6,500	7,000	0	0	0	0	18,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	0	0	3,000	500	0	0	0	0	3,500
Facility Asset Preservation Fund	0	5,000	0	0	0	0	0	0	5,000
2019 Multipurpose LTGO Bond Fund	0	0	3,500	0	0	0	0	0	3,500
2020 Multipurpose LTGO Bond Fund	0	0	0	6,500	0	0	0	0	6,500
<b>Total:</b>	0	5,000	6,500	7,000	0	0	0	0	18,500

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	0	0	3,000	500	0	0	0	0	3,500
Facility Asset Preservation Fund	0	5,000	0	0	0	0	0	0	5,000
2019 Multipurpose LTGO Bond Fund	0	0	3,500	0	0	0	0	0	3,500
2020 Multipurpose LTGO Bond Fund	0	0	0	6,500	0	0	0	0	6,500
<b>Total:</b>	0	5,000	6,500	7,000	0	0	0	0	18,500
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### **2019 - 2024 Proposed Capital Improvement Program**



## Finance and Administrative Services

**Seattle Municipal Tower Elevator Rehab**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-SMTELVHRB
<b>Start/End Date:</b>	2019-2022	<b>BSL/Program Code:</b>	BC-FA-APSCH1FAC
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Asset Preserv_Sch 1 Facilities
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	700 Fifth AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$10,000	<b>Urban Village:</b>	Downtown

This project will improve the operation, reliability, and system performance of the Seattle Municipal Tower (SMT) elevators. The work will bring the SMT elevators to current building codes and into compliance with Americans with Disabilities Act (ADA) requirements. This project is envisioned to be a multi-year effort that must be phased to minimize impacts on SMT ongoing building operations, and on the approximately 4,000 city staff who work in the building and the public who visit the SMT to access City services.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	0	1,000	0	0	0	0	0	1,000
2020 LTGO Bond Proceeds	0	0	0	4,500	0	0	0	0	4,500
General Obligation Bonds	0	0	0	0	4,500	0	0	0	4,500
<b>Total:</b>	0	0	1,000	4,500	4,500	0	0	0	10,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	0	0	1,000	0	0	0	0	0	1,000
2020 Multipurpose LTGO Bond Fund	0	0	0	4,500	0	0	0	0	4,500
2021 Multipurpose LTGO Bond Fund	0	0	0	0	4,500	0	0	0	4,500
<b>Total:</b>	0	0	1,000	4,500	4,500	0	0	0	10,000

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	0	0	1,000	0	0	0	0	0	1,000
2020 Multipurpose LTGO Bond Fund	0	0	0	4,500	0	0	0	0	4,500
2021 Multipurpose LTGO Bond Fund	0	0	0	0	4,500	0	0	0	4,500
<b>Total:</b>	0	0	1,000	4,500	4,500	0	0	0	10,000

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Finance and Administrative Services

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

**Seattle Municipal Tower IDF Infrastructure Upgrades**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-SMTIDFINF
<b>Start/End Date:</b>	2015-2020	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	General Govt Facilities
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	700 Fifth AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$2,500	<b>Urban Village:</b>	Downtown

This project provides electrical, cooling, and fire separation upgrades for 15 existing Intermediate Distribution Frame (IDF) rooms in the Seattle Municipal Tower (SMT) that house network, telephone and security systems. The resultant electrical and cooling capacity increases will allow the systems in the room to be upgraded now (in the case of Voice over IP phones) and in the future. In addition to these capacity infrastructure upgrades, fire separations will be established for the rooms. This project will enhance the reliability of the systems housed in the IDF rooms by improving the infrastructure that serves them and protecting the rooms from potential damage caused by events outside of the rooms. This project is being coordinated with a Seattle IT upgrade project which may impact the schedule.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
2016 LTGO Bond Proceeds	1,881	619	0	0	0	0	0	0	2,500
<b>Total:</b>	1,881	619	0	0	0	0	0	0	2,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2016 Multipurpose LTGO Bond Fund	1,881	619	0	0	0	0	0	0	2,500
<b>Total:</b>	1,881	619	0	0	0	0	0	0	2,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2016 Multipurpose LTGO Bond Fund	1,881	619	0	0	0	0	0	0	2,500
<b>Total:</b>	1,881	619	0	0	0	0	0	0	2,500

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

## Finance and Administrative Services

### Seattle Police Department North Area Interim and Long-Term Facilities

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-SPDNFAC
<b>Start/End Date:</b>	2017-2019	<b>BSL/Program Code:</b>	BC-FA-PSFACPOL
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Publ Safety Facilities_Police
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	North	<b>Council District:</b>	5
<b>Total Project Cost:</b>	\$11,100	<b>Urban Village:</b>	Multiple

This project funds planning, design and construction for long-term facility needs as well as interim upgrades and potential expansions at the existing North Precinct to accommodate growth of the Seattle Police Department. This project includes, but is not limited to, planning, design and construction for long-term police facilities needs in the North and funding for interim needs including, but not limited to, building upgrades, system maintenance, facility maintenance and temporary facilities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	210	10,890	0	0	0	0	0	0	11,100
<b>Total:</b>	210	10,890	0	0	0	0	0	0	11,100

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	210	10,890	0	0	0	0	0	0	11,100
<b>Total:</b>	210	10,890	0	0	0	0	0	0	11,100

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	210	10,890	0	0	0	0	0	0	11,100
<b>Total:</b>	210	10,890	0	0	0	0	0	0	11,100

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### SLIM Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-SLIMREPL
<b>Start/End Date:</b>	2015-2018	<b>BSL/Program Code:</b>	BC-FA-A1IT
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Information Technology
<b>Current Project Stage:</b>	Execution	<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$400	<b>Urban Village:</b>	Multiple

The Seattle License Information System (SLIM) manages the issuance and renewal of business licenses and the collection of revenue from fees and taxes. SLIM is now outdated and can no longer adequately meet the needs of expanding business license, tax collection, and enforcement processes and needs to be upgraded. Recommendations for a SLIM replacement will be considered as the Multi-City Business License and Tax Portal project is implemented.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Property Sales and Interest Earnings-2	271	129	0	0	0	0	0	0	400
<b>Total:</b>	271	129	0	0	0	0	0	0	400

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	271	129	0	0	0	0	0	0	400
<b>Total:</b>	271	129	0	0	0	0	0	0	400

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	271	129	0	0	0	0	0	0	400
<b>Total:</b>	271	129	0	0	0	0	0	0	400

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Summit Re-Implementation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-A1IT01
<b>Start/End Date:</b>	2013-2018	<b>BSL/Program Code:</b>	BC-FA-A1IT
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Information Technology
<b>Current Project Stage:</b>	Execution	<b>Location:</b>	700 5th Ave.
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$83,433	<b>Urban Village:</b>	Multiple

This Citywide project involves planning and implementing the move of Summit, the City's financial management system, to the most current software release (PeopleSoft Financials 9.2), standardizing financial processes and policies, and implementing additional functionality to enable the City to make more informed financial decisions and meet regulatory obligations. Summit has not been upgraded since 2006 and Oracle discontinued support for the product in 2011. The PeopleSoft Financials 9.2 system became operational in January 2018, followed by a period of project stabilization through 2018.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Interdepartmental Transfer	20,740	10,521	0	0	0	0	0	0	31,261
General Obligation Bonds	5,886	0	0	0	0	0	0	0	5,886
General Obligation Bonds	7,038	0	0	0	0	0	0	0	7,038
2016 LTGO Bond Proceeds	18,000	0	0	0	0	0	0	0	18,000
General Obligation Bonds	8,211	4,789	0	0	0	0	0	0	13,000
General Obligation Bonds	0	8,248	0	0	0	0	0	0	8,248
<b>Total:</b>	59,875	23,558	0	0	0	0	0	0	83,433

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Finance and Administrative Services Fund	20,740	10,521	0	0	0	0	0	0	31,261
2013 Multipurpose LTGO Bond Fund	5,886	0	0	0	0	0	0	0	5,886
2014 Multipurpose LTGO Bond Fund	7,038	0	0	0	0	0	0	0	7,038
2016 Multipurpose LTGO Bond Fund	18,000	0	0	0	0	0	0	0	18,000
2017 Multipurpose LTGO Bond Fund	8,211	4,789	0	0	0	0	0	0	13,000
2018 Multipurpose LTGO Bond Fund	0	8,248	0	0	0	0	0	0	8,248
<b>Total:</b>	59,875	23,558	0	0	0	0	0	0	83,433

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Finance and Administrative Services Fund	20,740	10,521	0	0	0	0	0	0	31,261
2013 Multipurpose LTGO Bond Fund	5,886	0	0	0	0	0	0	0	5,886
2014 Multipurpose LTGO Bond Fund	7,038	0	0	0	0	0	0	0	7,038
2016 Multipurpose LTGO Bond Fund	18,000	0	0	0	0	0	0	0	18,000
2017 Multipurpose LTGO Bond Fund	8,211	4,789	0	0	0	0	0	0	13,000
2018 Multipurpose LTGO Bond Fund	0	8,248	0	0	0	0	0	0	8,248
<b>Total:</b>	<b>59,875</b>	<b>23,558</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83,433</b>
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Summit Re-Implementation - Department Capital Needs

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-FA-SRICAPNDS
<b>Start/End Date:</b>	2013-2018	<b>BSL/Program Code:</b>	BC-FA-SRICAPNDS
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Summit Re-Impl Dept Cap Needs
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	700 5th Ave.
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$8,055	<b>Urban Village:</b>	Not in an Urban Village

This Citywide project is a funding mechanism to reimburse operating departments for non-technical capital expenditures they incur during the Summit Re-Implementation project. Non-technical capital department-specific costs include project management work within the department to implement the new Summit system, among other capital expenditures. Appropriations for each department are included in their operating budget.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Obligation Bonds	2,955	1,532	0	0	0	0	0	0	4,487
General Obligation Bonds	0	2,329	0	0	0	0	0	0	2,329
General Obligation Bonds	0	1,239	0	0	0	0	0	0	1,239
<b>Total:</b>	2,955	5,100	0	0	0	0	0	0	8,055

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2016 Multipurpose LTGO Bond Fund	2,955	1,532	0	0	0	0	0	0	4,487
2017 Multipurpose LTGO Bond Fund	0	2,329	0	0	0	0	0	0	2,329
2018 Multipurpose LTGO Bond Fund	0	1,239	0	0	0	0	0	0	1,239
<b>Total:</b>	2,955	5,100	0	0	0	0	0	0	8,055

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2016 Multipurpose LTGO Bond Fund	2,955	1,532	0	0	0	0	0	0	4,487
2017 Multipurpose LTGO Bond Fund	0	2,329	0	0	0	0	0	0	2,329

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2018 Multipurpose LTGO Bond Fund	0	1,239	0	0	0	0	0	0	1,239
<b>Total:</b>	2,955	5,100	0	0	0	0	0	0	8,055
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Finance and Administrative Services

### ADA Improvements - FAS

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-ADAIMPFAS
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-ADAIMPR
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	ADA Improvements
		<b>Location:</b>	Multiple City facilities
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project is the FAS Americans with Disabilities Act (ADA) ongoing, multi-year program that will address specific ADA improvements identified in the 2018 FAS Barrier Removal Plan based on the City's ADA facilities assessments conducted in 2017 and outlined in the City's transition planning effort for each capital department. Identified deficiency upgrades at various FAS-owned and operated buildings will maximize accessibility and include, but not be limited to, public access routes to City buildings and public spaces; infrastructure upgrades to signage, restrooms, public-accessed spaces such as parking, community rooms, meeting rooms and reception/waiting rooms.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	1,612	755	750	750	0	0	0	0	3,868
<b>Total:</b>	1,612	755	750	750	0	0	0	0	3,868

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	1,612	755	750	750	0	0	0	0	3,868
<b>Total:</b>	1,612	755	750	750	0	0	0	0	3,868

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	1,612	755	750	750	0	0	0	0	3,868
<b>Total:</b>	1,612	755	750	750	0	0	0	0	3,868

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Asset Preservation - Schedule 1 Facilities

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-APSCH1FAC
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-APSCH1FAC
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Asset Preserv_Sch 1 Facilities
		<b>Location:</b>	Multiple City facilities
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This ongoing program provides for long term preservation and major maintenance to the FAS schedule 1 facilities. Schedule 1 facilities are comprised of existing and future office buildings located in downtown Seattle, including but not limited to City Hall (SCH), the Seattle Municipal Tower (SMT) and the Justice Center (SJC). Typical improvements may include, but are not limited to, repairs, equipment replacement, upgrades/repairs to heating/ventilation/air conditioning systems, upgrades/repairs to electrical systems, upgrades/repairs to fire suppression systems, roof repairs or replacement, envelop and window repairs or replacements, and structural assessments and repairs. This work ensures the long-term preservation of the operational use of the facilities.

	LTD	2018	2019	2020	2021	2022	2023	2024	Total
	Actuals	REV							

**Resources**

Real Estate Excise Tax I	0	3,400	2,100	900	900	2,500	1,000	2,000	12,800
Department Space Allocation Charges	6,503	10,543	2,152	2,152	2,152	2,152	2,152	2,152	29,958
<b>Total:</b>	6,503	13,943	4,252	3,052	3,052	4,652	3,152	4,152	42,758

	LTD	2018	2019	2020	2021	2022	2023	2024	Total
	Actuals	REV							

**Fund Appropriations/ Allocations\***

REET I Capital Fund	0	3,400	2,100	900	900	2,500	1,000	2,000	12,800
Facility Asset Preservation Fund	6,503	10,543	2,152	2,152	2,152	2,152	2,152	2,152	29,958
<b>Total:</b>	6,503	13,943	4,252	3,052	3,052	4,652	3,152	4,152	42,758

	LTD	2018	2019	2020	2021	2022	2023	2024	Total
	Actuals	REV							

**Spending Plan**

REET I Capital Fund	0	3,400	2,100	900	900	2,500	1,000	2,000	12,800
Facility Asset Preservation Fund	6,503	10,543	2,152	2,152	2,152	2,152	2,152	2,152	29,958
<b>Total:</b>	6,503	13,943	4,252	3,052	3,052	4,652	3,152	4,152	42,758

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Finance and Administrative Services

### Asset Preservation - Schedule 2 Facilities

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-APSCH2FAC
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-APSCH2FAC
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Asset Preserv_Sch 2 Facilities
		<b>Location:</b>	Multiple City facilities
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program provides for long term preservation and major maintenance to the FAS schedule 2 facilities. Schedule 2 facilities are comprised of existing and future structures, shops and yards located throughout Seattle, including but not limited to City vehicle maintenance facilities at Haller Lake and Charles Street, FAS shops located at Airport Way S., fire stations, police precincts including the Animal Shelter, and other FAS managed facilities used for City services. Typical improvements may include, but are not limited to, repairs, equipment replacement, upgrades/repairs to heating/ventilation/air conditioning systems, upgrades/repairs to electrical systems, upgrades/repairs to fire suppression systems, roof repairs or replacement, envelop and window repairs or replacement, and structural assessments and repairs. This work ensures the long-term preservation of the operational use of the facilities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	0	1,400	3,000	1,600	0	1,500	2,000	9,500
Department Space Allocation Charges	6,953	2,493	1,848	1,848	1,848	1,848	1,848	1,848	20,534
<b>Total:</b>	6,953	2,493	3,248	4,848	3,448	1,848	3,348	3,848	30,034

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	0	0	1,400	3,000	1,600	0	1,500	2,000	9,500
Facility Asset Preservation Fund	6,953	2,493	1,848	1,848	1,848	1,848	1,848	1,848	20,534
<b>Total:</b>	6,953	2,493	3,248	4,848	3,448	1,848	3,348	3,848	30,034

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	0	0	1,400	3,000	1,600	0	1,500	2,000	9,500
Facility Asset Preservation Fund	6,953	2,493	1,848	1,848	1,848	1,848	1,848	1,848	20,534
<b>Total:</b>	6,953	2,493	3,248	4,848	3,448	1,848	3,348	3,848	30,034

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Finance and Administrative Services

### City Facilities Project Delivery Services

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-CTYPDS
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-FASPDS
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	FAS Project Delivery Services
		<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing program provides pass-through budget authority for FAS to provide design and construction management services, as requested by City departments, at facilities that are neither owned, managed nor leased by FAS. Typical work may include, but is not limited to, project management services of all phases of a capital facility project including, predesign, programming, master planning, conceptual planning, architectural and engineering design, bid, permitting and construction administration. FAS proposes to use the second and fourth quarter supplemental budget processes to "right size" the pass-through budget authority for this project.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Interdepartmental Transfer	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	0	0	0	0	0	0	0

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Finance and Administrative Services Fund	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	0	0	0	0	0	0	0

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Finance and Administrative Services Fund	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	0	0	0	0	0	0	0

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### City Hall and Seattle Municipal Tower Tenant Improvements

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-CTYHLTIMP
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	General Govt Facilities
		<b>Location:</b>	Multiple City Facilities
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This ongoing project provides predesign, design, and construction services for developing or reconfiguring space and other adjacent functions in the Downtown Civic Campus. Work may include, but is not limited to, City master space utilization planning, programming and test-fit conceptual design, tenant improvement projects, equipment/furniture procurement and space planning, and energy efficiency improvements. Work may also include design analysis of how vacated space in City-owned and leased facilities might be utilized for other city uses. In 2019 and 2020, REET is provided to reconfigure and update the 43rd, 52nd, and 60th floor in SMT to provide adequate space for FAS staff and address ongoing department space needs. Of the total REET funding in 2019, \$1 million is for building out space for the Office of the Inspector General for Public Safety.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Property Sales and Interest Earnings-2	299	0	0	0	0	0	0	0	299
Real Estate Excise Tax I	3,163	2,485	2,700	1,300	0	0	0	0	9,648
<b>Total:</b>	3,461	2,485	2,700	1,300	0	0	0	0	9,947

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

Cumulative Reserve Subfund - Unrestricted Subaccount	299	0	0	0	0	0	0	0	299
REET I Capital Fund	3,163	2,485	2,700	1,300	0	0	0	0	9,648
<b>Total:</b>	3,461	2,485	2,700	1,300	0	0	0	0	9,947

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

Cumulative Reserve Subfund - Unrestricted Subaccount	299	0	0	0	0	0	0	0	299
REET I Capital Fund	3,163	2,485	2,700	1,300	0	0	0	0	9,648
<b>Total:</b>	3,461	2,485	2,700	1,300	0	0	0	0	9,947

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Finance and Administrative Services

### Customer Requested Tenant Improvement Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-CREQTIMP
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	General Govt Facilities
		<b>Location:</b>	
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides for pass-through budget authority for FAS to perform all customer department tenant improvement work within FAS-owned and leased facilities. FAS has exclusive responsibility to manage all capital design and construction of tenant improvement work within FAS-owned/managed facilities. Typical improvements may include, but are not limited to, tenant space remodels, common elevator lobby area improvements, security system upgrades, and equipment/furniture replacement. FAS manages all phases of the capital improvement project, including master space planning, programming, test-fits and conceptual design, furniture procurement/space planning, design, bid, permitting, construction and close out.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
FAS Fund Balance	52,595	7,996	0	0	0	0	0	0	60,591
<b>Total:</b>	52,595	7,996	0	0	0	0	0	0	60,591

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Finance and Administrative Services Fund	52,595	7,996	0	0	0	0	0	0	60,591
<b>Total:</b>	52,595	7,996	0	0	0	0	0	0	60,591

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Finance and Administrative Services Fund	52,595	7,996	0	0	0	0	0	0	60,591
<b>Total:</b>	52,595	7,996	0	0	0	0	0	0	60,591

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Customer Requested Tenant Improvement Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-FASPDS
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-FASPDS
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	FAS Project Delivery Services
		<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This ongoing project provides for pass-through budget authority for FAS to perform all customer department tenant improvement work within FAS-owned and leased facilities. FAS has exclusive responsibility to manage all capital design and construction of tenant improvement work within FAS-owned/managed facilities. Typical improvements may include, but are not limited to, tenant space remodels, common elevator lobby area improvements, security system upgrades, and equipment/furniture replacement. FAS manages all phases of the capital improvement project, including master space planning, programming, test-fits and conceptual design, furniture procurement/space planning, design, bid, permitting, construction and close out.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Interdepartmental Transfer	0	3,500	3,500	3,500	3,500	3,500	3,500	3,500	24,500
<b>Total:</b>	0	3,500	3,500	3,500	3,500	3,500	3,500	3,500	24,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Finance and Administrative Services Fund	0	3,500	3,500	3,500	3,500	3,500	3,500	3,500	24,500
<b>Total:</b>	0	3,500	3,500	3,500	3,500	3,500	3,500	3,500	24,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Finance and Administrative Services Fund	0	3,500	3,500	3,500	3,500	3,500	3,500	3,500	24,500
<b>Total:</b>	0	3,500	3,500	3,500	3,500	3,500	3,500	3,500	24,500

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Energy Efficiency for Municipal Buildings

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-ENEFFMBLD
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-EXTPROJ
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	FAS Oversight - External Proj
		<b>Location:</b>	Multiple City facilities
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project funds energy efficiency work across City facilities, managed by the Office of Sustainability and Environment (OSE), in support of the City's goal to achieve a 20% reduction in building energy use by the year 2020. OSE will implement a package of energy efficiency projects, as well as continue a suite of O&M improvements, program management, measurement and tracking, and building assessments. The energy efficiency upgrades are expected to generate utility rebates paid by Seattle City Light and Puget Sound Energy, to be deposited into the General Subfund. Work may include but is not limited to, building tune-ups, facility improvements, building energy upgrades, and energy efficiency measures.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	287	439	0	0	0	0	0	0	726
Miscellaneous Grants or Donations	0	350	0	0	0	0	0	0	350
Real Estate Excise Tax I	2,273	6,230	2,500	2,500	4,500	4,500	4,500	4,500	31,503
<b>Total:</b>	<b>2,560</b>	<b>7,019</b>	<b>2,500</b>	<b>2,500</b>	<b>4,500</b>	<b>4,500</b>	<b>4,500</b>	<b>4,500</b>	<b>32,579</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
General Fund	287	439	0	0	0	0	0	0	726
Cumulative Reserve Subfund - Unrestricted Subaccount	0	350	0	0	0	0	0	0	350
REET I Capital Fund	2,273	6,230	2,500	2,500	4,500	4,500	4,500	4,500	31,503
<b>Total:</b>	<b>2,560</b>	<b>7,019</b>	<b>2,500</b>	<b>2,500</b>	<b>4,500</b>	<b>4,500</b>	<b>4,500</b>	<b>4,500</b>	<b>32,579</b>

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
General Fund	287	439	0	0	0	0	0	0	726
Cumulative Reserve Subfund - Unrestricted Subaccount	0	350	0	0	0	0	0	0	350

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	2,273	6,230	2,500	2,500	4,500	4,500	4,500	4,500	31,503
<b>Total:</b>	2,560	7,019	2,500	2,500	4,500	4,500	4,500	4,500	32,579
			<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### **2019 - 2024 Proposed Capital Improvement Program**

## Finance and Administrative Services

### Facility Projects Planning

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-FACPRJPLN
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	General Govt Facilities
		<b>Location:</b>	
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This on-going project funds architectural and engineering services including conceptual planning, design alternative development, and preliminary cost estimating for FAS capital projects and emergent Executive capital initiatives. Typical preliminary design and engineering work includes, but is not limited to, pre-design and analysis of project alternatives, cost estimates, test to fit studies, preliminary schedule development, engineering studies and code compliance, site development planning and conceptual design and financial analysis of capital improvements options in conjunction with FAS and CIP priorities, programs, and initiatives.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	642	708	0	0	0	0	0	0	1,350
<b>Total:</b>	642	708	0	0	0	0	0	0	1,350

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	642	708	0	0	0	0	0	0	1,350
<b>Total:</b>	642	708	0	0	0	0	0	0	1,350

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	642	708	0	0	0	0	0	0	1,350
<b>Total:</b>	642	708	0	0	0	0	0	0	1,350

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### FAS Information Technology System Initiatives

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-ITSYSINIT
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-A1IT
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Information Technology
		<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

This project provides funding for FAS to implement information technology (IT) proposals, to replace existing FAS IT systems that are at the end of their useful lives, accommodate new programmatic and operational needs, and allow the department to function efficiently. FAS coordinates development and implementation of these proposals with the Seattle Information Technology Department. In 2019-2020, specific projects include replacing FAS' department-wide budget system, developing a new risk management information system, replacing the Seattle Animal Shelter's PetPoint system (used to manage various functions including licensing, case management, and enforcement), and assessing and replacing FAS' Capital Projects Information Management System.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
2019 LTGO Bond Proceeds	0	0	1,333	0	0	0	0	0	1,333
2020 LTGO Bond Proceeds	0	0	0	1,970	0	0	0	0	1,970
<b>Total:</b>	0	0	1,333	1,970	0	0	0	0	3,303

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
2019 Multipurpose LTGO Bond Fund	0	0	1,333	0	0	0	0	0	1,333
2020 Multipurpose LTGO Bond Fund	0	0	0	1,970	0	0	0	0	1,970
<b>Total:</b>	0	0	1,333	1,970	0	0	0	0	3,303

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
2019 Multipurpose LTGO Bond Fund	0	0	1,333	0	0	0	0	0	1,333
2020 Multipurpose LTGO Bond Fund	0	0	0	1,970	0	0	0	0	1,970
<b>Total:</b>	0	0	1,333	1,970	0	0	0	0	3,303

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**



## Finance and Administrative Services

### Garden of Remembrance

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-GARDENREM
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-GARDENREM
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BSL/Program Name:</b>	Garden of Remembrance
		<b>Location:</b>	1301 3rd Ave.
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This ongoing project provides an annual contribution (including increases for inflation) to a capital renewal fund for the Garden of Remembrance, located next to Benaroya Hall, per an agreement with Benaroya Hall Music Center (BHMC), a private, non-profit affiliate of the Seattle Symphony. This project pays for major maintenance and replaces garden installations including, but not limited to, irrigation equipment, landscaping, electrical/lighting fixtures, and mechanical water features. The project is managed by the BHMC and is displayed within FAS' CIP for informational purposes only.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Property Sales and Interest Earnings-2	406	28	28	29	30	31	32	33	617
<b>Total:</b>	406	28	28	29	30	31	32	33	617

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	406	28	28	29	30	31	32	33	617
<b>Total:</b>	406	28	28	29	30	31	32	33	617

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	406	28	28	29	30	31	32	33	617
<b>Total:</b>	406	28	28	29	30	31	32	33	617

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Seattle Municipal Courts

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-MUNICOURT
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	General Govt Facilities
		<b>Location:</b>	600 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This ongoing project provides for operational and security improvements and repairs in the Seattle Justice Center (SJC). Work may include, but is not limited to, courtroom security improvements, energy efficiency improvements, improvements to facility infrastructure such as building pressurization and ventilation, and improvements to various access routes to the site, building, and other public spaces.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	958	205	140	140	0	0	0	0	1,443
<b>Total:</b>	958	205	140	140	0	0	0	0	1,443

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	958	205	140	140	0	0	0	0	1,443
<b>Total:</b>	958	205	140	140	0	0	0	0	1,443

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	958	205	140	140	0	0	0	0	1,443
<b>Total:</b>	958	205	140	140	0	0	0	0	1,443

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Seattle Municipal Tower Facility Upgrades

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-SMTUPG
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-GOVTFAC
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	General Govt Facilities
		<b>Location:</b>	700 5th Ave.
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This on-going project, located in the Seattle Municipal Tower, provides funds for the planning, design and construction of operational improvements and renovations in the Seattle Municipal Tower (SMT). Work may include, but is not limited to, energy efficiency improvements, security upgrades, reconfiguration of amenities such as drinking fountains and public spaces, and improvements to facility infrastructure such as gender-neutral restrooms, showers and lockers and common or vacant building space improvements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	1,500	400	0	0	0	0	0	1,900
<b>Total:</b>	0	1,500	400	0	0	0	0	0	1,900

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	0	1,500	400	0	0	0	0	0	1,900
<b>Total:</b>	0	1,500	400	0	0	0	0	0	1,900

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	0	1,500	400	0	0	0	0	0	1,900
<b>Total:</b>	0	1,500	400	0	0	0	0	0	1,900

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### Seattle Police Facilities

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-FA-PFACNPCT
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-FA-PSFACPOL
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Publ Safety Facilities_Police
		<b>Location:</b>	Various Police facilities
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project preserves or extends the useful life or operational capacity and provides for improvements to FAS-owned Police facilities including, but not limited to, the East Precinct, the North Precinct, the West Precinct, Southwest Precinct, 911 Center, Emergency Operations Center, the Mounted Patrol Facility, the Harbor Patrol Facility, and the K-9 Facility. Typical work may include, but is not limited to, upgrades to heating, ventilation, air conditioning upgrades, equipment replacement, infrastructure upgrades, siting, pre-design, test-to-fit analyses, and structural assessments and repairs. These improvements support police service by extending the operational life of old police facilities, complying with regulatory requirements, or addressing capacity problems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Real Estate Excise Tax I	2,861	2,500	0	0	0	0	0	0	5,361
<b>Total:</b>	2,861	2,500	0	0	0	0	0	0	5,361

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
REET I Capital Fund	2,861	2,500	0	0	0	0	0	0	5,361
<b>Total:</b>	2,861	2,500	0	0	0	0	0	0	5,361

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
REET I Capital Fund	2,861	2,500	0	0	0	0	0	0	5,361
<b>Total:</b>	2,861	2,500	0	0	0	0	0	0	5,361

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

# **Information Technology**



## Seattle Information Technology Department

### Overview

The Seattle Information Technology Department (Seattle IT) provides powerful technology solutions to the City and public it serves, including, data, telephone, and radio networks; applications and application infrastructure; desktop, mobile and printing devices; cloud services; website and internet connections; television channel; data centers, servers, storage, and backup. Seattle IT also manages designated projects on behalf of the City, other departments, and regional partners. Seattle IT's Capital Improvement Program (CIP) supports major maintenance, improvements, replacements and upgrades to the City's existing technology systems, as well as the development and implementation of new projects. Seattle IT's 2019-2024 Proposed CIP budget is **\$153.6 million**. Details for the 2019 and 2020 are provided in the following table.

CIP Program Name	2019 Proposed	2020 Proposed	Planned Spending
<i>Discrete Projects</i>			
<b>Citywide Contract Management System</b>	<b>\$2,757,000</b>	<b>\$79,000</b>	Replace multiple contract management systems in use across departments with one Citywide system.
<b>Criminal Justice Information System Projects</b>	<b>\$3,500,000</b>	<b>\$10,000,000</b>	Implement case management systems for agencies including Seattle Municipal Court, the Hearing Examiner and the City Attorney.
<b>HRIS Replacement</b>	<b>\$1,984,000</b>	<b>\$429,000</b>	Upgrade Seattle's current Human Resources Information System.
<b>SMT Remodel- IT</b>	<b>\$4,500,000</b>	<b>\$2,300,000</b>	Renovate several floors of the Seattle Municipal Tower to meet new City office space standards.
<b>Public Safety Technology Equipment</b>	<b>\$7,050,000</b>	<b>\$0</b>	Equipment replacement for Seattle Police Department (SPD) In-Car Video (\$2.3 million) and SPD Mobile Data Technology (\$4.8 million)
<i>Ongoing CIP Programs</i>			
<b>Applications Development-SDOT</b>	<b>\$694,000</b>	<b>\$174,000</b>	Replace the Seattle Department of Transportation's Budget System.
<b>Applications Development-Public Safety</b>	<b>\$1,143,000</b>	<b>\$0</b>	System Upgrades for Seattle Fire Department's (SFD) Payroll System (\$543,000); Work Scheduling and Timekeeping systems for both SFD and SPD (\$600,000)
<b>800 MHz Radio Network Program</b>	<b>\$669,000</b>	<b>\$687,000</b>	Infrastructure upgrades and mobile radio replacements.
<b>Computing Services Architecture</b>	<b>\$2,867,000</b>	<b>\$2,586,000</b>	Computer equipment related to a new Unified Communication System (to replace the City's current telephone system) as well as routine equipment replacement and upgrades for servers, storage, software and facility infrastructure.
<b>Data &amp; Telephone Infrastructure</b>	<b>\$6,398,000</b>	<b>\$9,343,000</b>	Network equipment related to Unified Communication System as well as routine equipment replacement and upgrades.
<b>Enterprise Computing</b>	<b>\$0</b>	<b>\$247,000</b>	Routine equipment replacement and upgrades.
<b>Fiber-Optic Communication Installation &amp; Maintenance</b>	<b>\$4,133,000</b>	<b>\$4,245,000</b>	Fiber installation and maintenance.
<b>IT Security</b>	<b>\$860,000</b>	<b>\$920,000</b>	Systems upgrades and replacements, maintenance, and expanded capacity.
<b>Seattle Channel Maintenance &amp; Upgrade</b>	<b>\$393,000</b>	<b>\$403,000</b>	Equipment replacement and maintenance.
<b>Technology Management Tools</b>	<b>\$34,000</b>	<b>\$2,941,000</b>	Ongoing maintenance of the City's new IT Incident Management and Change Management systems.
<b>Department Total</b>	<b>\$36,982,000</b>	<b>\$34,354,000</b>	

### 2019-2024 Proposed Capital Improvement Program

# Seattle Information Technology Department

## CIP Revenue Sources

Seattle IT's CIP has been funded through a variety of revenue sources, including:

- **Rates and Allocations:** There are multiple services within the department that are cost-allocated based on a percentage of use for the service provided or billed directly to a department based on the actual cost of time and labor or quantity of materials provided. Seattle IT's proposed CIP also includes some projects that are funded using proceeds from general obligation bonds. Rates and allocations provide the funds to repay the debt service on these bonds.
- **State and Federal Grants:** Federal and state grants have been used to finance system replacements and new capabilities. In some cases, Seattle IT has been the direct recipient of the funds; in others, Seattle IT has managed grant-funded projects for customers. The use of grant funding for the Seattle IT CIP has been intermittent.
- **Cable Franchise Fees:** Seattle IT collects Cable Franchise Fee revenues that are set in franchise agreements with the cable providers. Some of this revenue has been used to fund the CIP Program which supports the Seattle Channel. Cable Fees have historically provided less than 1% of Seattle IT's CIP program.
- **Reserves:** In some instances, Seattle IT's rates and allocations include the collection of funds which are accumulated and held in a reserve in Seattle IT's Operating Fund balance. Currently, this is only done for the 800MHz radio system, although it has been considered in other areas. Expenditures of these reserve funds appear in the Seattle IT CIP program. Historically, there is a low level of spending for ongoing Operations & Maintenance items, with intermittent large expenditures associated with major replacements and upgrades.
- **Private Dollars:** In the past, Seattle IT projects have occasionally included funding from external non-public sources. Such instances are highly intermittent, usually for relatively small dollar value and not projected to continue at any appreciable level.
- **Levy:** In the past, Seattle IT received some CIP funding from a levy for the development, acquisition and installation of the 800 MHz emergency radio communication system. Going forward, the future replacement and upgrade of the county-wide radio system involves a new levy. Outside of that, no additional levy funding is anticipated.
- **Bonds & Future Bond Proceeds:** Seattle IT occasionally utilizes funding from City bond sale proceeds to implement significant capital projects in the CIP. Rates and allocations typically provide the funds to repay the debt service on these bonds.
- **Use of Fund Balance:** Seattle IT may use existing fund balance or planned carry forward to implement some projects in its CIP.
- **To Be Determined:** Occasionally, Seattle IT's CIP includes future projects for which a specific funding source has yet to be specified. These projects will not go forward unless and until funding is secured.



## Seattle Information Technology Department

### 2019-2024 CIP Highlights

Seattle IT's 2019-2024 Proposed CIP Budget includes the following additions and modifications to CIP programs:

- Citywide Contract Management System (\$2.8 million) provides funds to continue work developing a single, comprehensive contract management system as a replacement for various contract management applications deployed across the City. The proposed budget adds funding for selection and implementation of a new system.
- Criminal Justice Information System Replacement Project (\$33.6 million) provides funds to plan and implement an enterprise case management system that will be used by the Seattle Municipal Court and accessed by a variety of internal and external stakeholders. The current City system, developed in 1990, is antiquated and causing interoperability issues with other significant systems. Transitioning the current system is vital as the technical expertise to support and modify the legacy system becomes unavailable. This project will also replace case management systems for the Law Department and the Office of the Hearing Examiner. The proposed budget reduces planned spending from \$10 million to \$3.5 million in 2019. The total project cost estimate remains unchanged.
- Human Resources Information System (HRIS) Replacement Project (\$2.4 million) provides funding to upgrade HRIS, which supports the City's Payroll Processing, Human Resources, and Benefits Administration and Retirement Payroll. The proposed budget includes funding for a critical system upgrade to ensure continued support from the City's payroll system. An upgrade will provide stability for at least three years at which time a full replacement will likely be necessary.
- Public Safety Technology Equipment (\$7 million), a new CIP project for 2019, provides funds to upgrade hardware systems for the City's public safety agencies. The proposed budget includes funding to upgrade SPD's In-Car Video equipment and to replace SPD's Mobile Data Technology.
- SMT Remodel-IT (\$6.8 million) is a multi-year project to acquire, renovate and expand space for Seattle IT. Reconstruction has already begun on a number of floors in the Seattle Municipal Tower and is expected to run through 2020. The proposed budget modified planned spending to reflect the use of bond funds to pay for a portion of the project in 2019 and 2020.
- Public Safety Applications Development (\$1.1 million) provides funding in support of projects Seattle IT manages on behalf of the City's public safety departments. The 2019-2024 Proposed CIP includes funding for the Work Scheduling & Timekeeping replacement project for the Seattle Police Department and Seattle Fire Department (SFD), as well as a new project to upgrade SFD's Payroll System.
- Seattle Department of Transportation (SDOT) Applications Development (\$868,000) provides funds to support projects on behalf of SDOT. The 2019-2024 Proposed CIP includes funding to replace SDOT's budget system.

## Seattle Information Technology Department

In addition, the 2019-2024 CIP adjusted funding across several ongoing CIP programs including Computing Services Architecture, Data and Telephone Infrastructure, Enterprise Computing, and the Next Generation Data Center. These adjustments restructure funding to support the replacement of servers, storage, and network equipment purchased in the 2014-2015 biennium, and allow Seattle IT to procure and implement a Unified Communication System to replace the City's 30-year old telephone system.

- Computing Services Architecture (\$9.8 million) funds the major maintenance and regular replacement of server and data storage equipment operated by Seattle IT on behalf of other City departments.
- Data and Telephone Infrastructure (\$31.8 million) funds maintenance, replacement, and upgrades of software and major hardware for the City's data and telephone systems. This program funds the City's expanding network capacity to support its increasing use of common data sources and applications, such as GIS, and common tools like Web Content Management systems. The 2019-2024 Proposed Budget added funding for implementation of a new Unified Communications System to replace the City's existing telephone and Voice over Internet Protocol systems.
- Enterprise Computing (\$853,000) has historically funded the expansion and replacement of the City's larger, enterprise class server and storage equipment. The proposed CIP budget reduces funding in 2019 to align with planned expenditures.
- Next Generation Data Center (NGDC) (\$14.4 million) represents a multi-year project related to the consolidation, relocation, and upgrade of the City's multiple data centers. The proposed budget reduces planned spending in 2020 to align the 2019-2024 Proposed CIP with forecasted expenditures on future NGDC equipment replacement. In addition, some funds transferred out of the NGDC project and into Seattle IT's other ongoing CIP programs for the regular replacement of servers, storage, and network equipment initially purchased through the project.

### Thematic Priorities

Seattle IT's priorities, as listed in its Technology Strategic Agenda are:

#### *Priority 1: Smart, Data-Driven City*

Seattle has grown significantly over the past five years and is projected to continue growing in the future. While the City's needs will continue to grow, it's unlikely that City government staff will increase at a similar rate. Instead, Seattle IT will use technology to help create new opportunities. Data has the potential to drive innovation and efficiency, improving both the quality of life and economic productivity.

#### *Priority 2: Digital Equity*

Seattle is a city known for technology and innovation, yet too many residents do not have sufficient internet access or the skills necessary to participate fully in its high-tech economy and community.

## Seattle Information Technology Department

Working with community organizations, providers, and academic institutions Seattle IT can make Seattle a leader in ensuring digital equity and opportunity for all our residents.

### *Priority 3: Public Experience*

Technology can greatly improve the efficiency and cost-effectiveness of government services by facilitating, automating, and streamlining interactions among the public, government employees, service providers, and other stakeholders.

### *Priority 4: Privacy and Security*

The collection of data occurs in every day City processes such as paying a utility bill, renewing a pet license, browsing a web page, or signing up for an email list. Police, fire, and emergency services collect different forms of video and electronic data while responding to calls. At the same, information and cyber security threats continue to evolve and pose risk. Increasing awareness of threats and taking steps to implement proactive citywide solutions can mitigate this risk and increase operational efficiency.

### *Priority 5: Service and System Maturity*

Seattle IT strives to deliver enterprise grade, scalable, sustainable services to its customers. The department's services range from providing servers and email accounts to the 800 MHz public safety radio system on which our first responders critically depend. Delivering services consistently and in an efficient manner is the foundation of a technology department.

## **Project Selection Criteria**

### **STEP 1: Identification of Technology Needs and Opportunities**

In this step, needs and opportunities for technology investments are identified. This happens on a rolling basis throughout the year, as well as during the budget planning process. Input comes from multiple places, including:

- customer department requests and requirements (including technology plan alignment to department strategic plans)
- Seattle IT Strategic Agenda
- technology roadmaps (updated annually)
- asset replacement schedules
- coordination with partners (regional efforts, vendor partners, etc.)

This step includes development of initial cost estimates and other resource requirements, potential timing, and dependencies. At the completion of this step, potential projects are added to the Citywide IT Project Portfolio for tracking and consideration through Seattle IT's Project Gate Review process.

### **STEP 2: Identification of CIP and Non-Discretionary Projects**

## Seattle Information Technology Department

As part of the Gate Review process, items identified in Step 1 are filtered to determine if they are (1) CIP appropriate or not and (2) discretionary or not. Criteria for determining if they are CIP appropriate or not include:

- overall dollar value
- timeframe of implementation (e.g., multi-year project)
- lifespan of investment
- investment in/preservation of long-term infrastructure
- the nature of the acquisition (e.g., goods, services, etc.)

Criteria for determining if they are non-discretionary include:

- legally mandated (e.g., debt service, federal or state law/regulation changes, court orders, etc.)
- urgent security or risk mitigation needs (e.g., major system failure, major security breach)
- reimbursable services to others (e.g., Seattle IT manages a regional fiber consortium where the partners contract with/through us to get work done).

Projects which are determined to be non-discretionary are automatically moved forward for inclusion in our initial CIP and budget proposal. Discretionary projects proceed to Step 3. Regardless of discretionary status, project requests complete the Gate Review process to validate projects are established with the appropriate governance, value proposition and risk mitigation planning.

### **STEP 3: Prioritization of CIP Appropriate Discretionary Projects:**

In this step, proposed investments are screened to determine if they are a match for Seattle IT's normal maintenance/upgrade/replacement programs within the CIP. Investments such as these tend to be smaller in scale (less than \$250,000), "like for like" replacements (e.g., old equipment replaced by new equipment with little to no functionality change), etc. These projects are rated by program managers based on criteria tailored to each program and implemented as annual funding allows.

Larger capital investments which are best implemented on a stand-alone basis due to the size and complexity of the project are evaluated and ranked separately based on the following criteria:

- asset preservation/replacement/maintenance
- product lifecycles
- legal requirements/mandates
- security/risk mitigation
- reimbursable from other sources (other depts. or outside entities, grants, reserves)
- dependencies (on other products, equipment, etc.; also on staff/resource availability/long-term supportability)
- internal customer demands (including capacity) – including Mayoral/Council/Mayor's IT Subcabinet priority
- external customer demands – public, businesses, etc.
- external drivers (vendor changes, regional commitments, etc.)
- efficiency/effectiveness improvements/resource savings and return on investment
- key future trend/forward-looking/pro-active

## Seattle Information Technology Department

### Summary of Upcoming Budget Issues and Challenges

- **Rapid and major changes in technology:** The continued rapid rate of change in technology presents a major challenge for the City. User demands (both internal staff and constituents) around technology continue to grow as available functionality expands exponentially. New technologies provide new solutions and new opportunities, but at the same time they can initially disrupt productivity, require upfront costs, and impact security, privacy, and governance landscape. Vendors regularly “de-certify” and stop supporting products the City relies upon, leaving the choice of spending significant amounts of money to upgrade to supported products or risk running important/critical City functions on unsupported platforms. At the same time, the method by which vendors deliver technology solutions is rapidly changing. Many vendors have or are moving away from delivering a software product to the City for installations on City servers; instead, they are offering cloud-based and hosted solutions that the City can access on a subscription basis. While offering many benefits, this changing delivery approach requires increased City investments in identity management, data integration, and contract management.
- **An under-investment in IT over many years, duplication, and limited lifecycle management.** Departments want to move fast to leverage new technologies before we have developed the platforms, teams, or culture to make this happen. We are balancing the competing objectives of doing things right and doing them right now.
- **Rationalization.** The City has a 15-year history of making technology decisions in the context of individual departments, without referencing or considering efficiency or the costs to the City government as a whole. With the creation of the Seattle Information Technology Department, the City can now more clearly identify the duplication created from the historical approach to IT. Many systems in the City perform the same or similar functions, which results not only in higher upfront costs but duplicative, more expensive ongoing maintenance and operations. Planned and future investments are made in the context of application rationalization, seeking current and future initiatives which will allow the reduction of duplicative services and help reduce application spending.
- **Security and Privacy.** The security risks associated with technology continue to grow - the variety of threats from mobile devices, social media, compromised web sites, and other sources continues to multiply. Cloud services like Office 365 and the increased use of mobile devices offer a new set of security-related challenges. At the same time, the City collects and uses a vast and expanding amount of data on a regular basis. Some of this data contains personally identifiable information or may otherwise pose a privacy concern if exposed or if used in a manner inconsistent with public expectations. Emphasis is shifting away from end-point security to risk management of critical assets and assurance of identity. Preventive controls are no longer reliable, requiring a greater emphasis on the ability to locate and quickly remediate compromised technology.
- **Public Expectation.** The public has high expectations for how government performs, including how technology is used to deliver efficient and accessible government services. Some Seattle residents are tech savvy while others still lack internet access. Generational differences also create different expectations regarding services. Investments in new technology-enabled

## Seattle Information Technology Department

government services must balance many audiences.

### Future Projects/What is on the Horizon

Seattle IT has identified several initiatives and issues which will need to be addressed at some point in the future.

- **Software systems which require replacement/upgrades.** Prior to IT consolidation, the Department of Information Technology CIP did not include funds to cover replacement of large applications owned and operated by individual departments. Since consolidation, Seattle IT has “inherited” responsibility for many such systems, most of which did not come with any long-term replacement funding. Replacement and upgrades for systems owned and operating by Seattle Public Utilities and Seattle City Light will likely be funded out of their own CIP with Seattle IT acting as the service provider. However, funds for large applications and systems needing replacement are not comprehensively programmed into our CIP. Instead, Seattle IT will continue to address these needs on a case by case basis as the need arise.
- **Long term major upgrades to the Regional Radio System.** The City is part of a regional public safety radio system. The current technology platform is approaching phased obsolescence and needs to be replaced or upgraded in the next few years. The four co-owners of the existing system, including Seattle and King County, are working together to implement a replacement radio system. A levy to fund this important initiative was passed in spring 2015 and a formal governance structure for the effort was adopted via an Inter-Local Agreement signed by the 12 participating jurisdictions. Work on tower siting, design and construction as well as system design is currently underway, and will continue into next year. In addition, discussions are underway regarding the long-term governance and operational support for the new system once it comes on line. As part of that effort, Seattle IT will be identifying and planning for the potential impacts on the City. The current CIP includes expenditure authority for anticipated financial impacts in the 2019 fiscal year; however, it does not reflect the results of any potential changes resulting related to the future governance or operation of this system.
- **Infrastructure systems which require replacement/upgrades.** Seattle IT’s CIP contains sufficient funding to cover routine replacement of lesser value items, especially those which occur every year (e.g., switches, mid-range servers, etc.). However, larger value, intermittent replacements are more difficult to fund within existing budget. These needs will continue to be addressed on a case by case basis as the need arises.

# Seattle Information Technology

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>Capital Improvement Projects</b>					<b>BSL/Program Code:</b>			<b>BC-IT-C7000</b>	
<u>Discrete</u>									
Citywide Contract Management System (MC-IT-C6311)	11	559	2,757	79	0	0	0	0	3,406
Criminal Justice Information System Projects (MC-IT-C6304)	1,173	7,026	3,500	10,000	10,000	10,076	0	0	41,775
Data Analytics Platform - Seattle Police Department (MC-IT-C9502)	10,741	1,712	0	0	0	0	0	0	12,453
Human Resources Information System Replacement Project (MC-IT-C6303)	4	1,996	1,984	429	0	0	0	0	4,413
Permit System Integration (MC-IT-C6305)	904	7,052	0	0	0	0	0	0	7,956
Public Safety Tech Equipment (MC-IT-C9301)	0	0	7,050	0	0	0	0	0	7,050
Seattle Municipal Tower Remodel - IT (MC-IT-C9501)	3,088	4,612	4,500	2,300	0	0	0	0	14,500
SPD Body Worn Video (MC-IT-C9300)	944	3,837	0	0	0	0	0	0	4,781
Workers' Compensation System Replacement Project (MC-IT-6309)	32	1,125	0	0	0	0	0	0	1,157
<u>Ongoing</u>									
800 MHz Radio Network Program (MC-IT-C3550)	17,825	6,602	669	687	705	723	742	761	28,714
Applications Development - Public Safety (MC-IT-C6307)	468	7,152	1,143	0	0	0	0	0	8,763
Applications Development-DON (MC-IT-C6301)	280	356	0	0	0	0	0	0	636
Applications Development-DPR (MC-IT-C6302)	0	2,221	0	0	0	0	0	0	2,221
Applications Development-FAS (MC-IT-C6310)	0	1,421	0	0	0	0	0	0	1,421

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

Applications Development- General Fund (MC-IT- C6300)	306	2,352	0	0	0	0	0	0	2,658
Applications Development- SDOT (MC-IT-C6306)	1,103	4,921	694	174	0	0	0	0	6,892
Computing Services Architecture (MC-IT-C3201)	14,268	4,914	2,832	2,550	1,055	1,082	1,110	1,143	28,954
Data and Telephone Infrastructure (MC-IT- C3500)	23,528	6,196	6,398	9,343	7,554	3,972	2,233	2,300	61,524
Enterprise Computing (MC- IT-C3200)	6,644	525	0	247	606	0	0	0	8,022
Fiber-Optic Communication Installation and Maintenance (MC-IT- C3600)	34,283	6,364	4,133	4,245	4,356	4,468	4,582	4,702	67,133
IT Security (MC-IT-C5100)	437	1,953	860	920	907	930	954	979	7,940
Next Generation Data Center (MC-IT-C9503)	39,029	1,566	0	0	11,896	2,482	0	0	54,973
Seattle Channel Maintenance and Upgrade (MC-IT-C4400)	2,453	470	393	403	414	424	435	447	5,439
Technology Management Tools (MC-IT-C9500)	2,346	1,619	69	2,977	53	62	72	0	7,198
<b>Capital Improvement Projects</b>	<b>159,867</b>	<b>76,551</b>	<b>36,982</b>	<b>34,354</b>	<b>37,546</b>	<b>24,219</b>	<b>10,128</b>	<b>10,332</b>	<b>389,979</b>
<b>Department Total:</b>	<b>159,867</b>	<b>76,551</b>	<b>36,982</b>	<b>34,354</b>	<b>37,546</b>	<b>24,219</b>	<b>10,128</b>	<b>10,332</b>	<b>389,979</b>

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

## 2019 - 2024 Proposed Capital Improvement Program



# Seattle Information Technology

## Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
Information Technology Fund (50410)	159,867	76,551	36,982	34,354	37,546	24,219	10,128	10,332	389,979
<b>Department Total:</b>	159,867	76,551	36,982	34,354	37,546	24,219	10,128	10,332	389,979

*\*Amounts in thousands of dollars*

**2019 - 2024 Proposed Capital Improvement Program**



## Seattle Information Technology

### Citywide Contract Management System

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-IT-C6311
<b>Start/End Date:</b>	2017-2020	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$3,406	<b>Urban Village:</b>	Downtown

This project provides funds to continue work developing a single, comprehensive contract management system as a replacement for various contract management applications deployed across the City.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	11	559	2,757	79	0	0	0	0	3,406
<b>Total:</b>	11	559	2,757	79	0	0	0	0	3,406

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	11	559	2,757	79	0	0	0	0	3,406
<b>Total:</b>	11	559	2,757	79	0	0	0	0	3,406

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	11	559	2,757	79	0	0	0	0	3,406
<b>Total:</b>	11	559	2,757	79	0	0	0	0	3,406

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Criminal Justice Information System Projects

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-IT-C6304
<b>Start/End Date:</b>	2016-2022	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$41,775	<b>Urban Village:</b>	Downtown

This project provides funds to plan and implement upgrades to the City's Criminal Justice Information Systems. This project was previously named the Municipal Court Information System (MCIS) Replacement project and was renamed in 2018 to more accurately reflect efforts beyond MCIS replacement.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Obligation Bonds	1,173	7,026	0	0	0	0	0	0	8,199
2019 LTGO Bond Proceeds	0	0	3,500	0	0	0	0	0	3,500
2020 LTGO Bond Proceeds	0	0	0	10,000	0	0	0	0	10,000
2021 LTGO Bond Proceeds	0	0	0	0	10,000	0	0	0	10,000
2022 LTGO Bond Proceeds	0	0	0	0	0	10,076	0	0	10,076
<b>Total:</b>	1,173	7,026	3,500	10,000	10,000	10,076	0	0	41,775

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	1,173	7,026	3,500	10,000	10,000	10,076	0	0	41,775
<b>Total:</b>	1,173	7,026	3,500	10,000	10,000	10,076	0	0	41,775

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	1,173	7,026	3,500	10,000	10,000	10,076	0	0	41,775
<b>Total:</b>	1,173	7,026	3,500	10,000	10,000	10,076	0	0	41,775

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Data Analytics Platform - Seattle Police Department

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-IT-C9502
<b>Start/End Date:</b>	2016-2018	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
<b>Current Project Stage:</b>	Execution	<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$12,453	<b>Urban Village:</b>	Downtown

This project provides funding for a Data Analytics Platform (DAP) in the Seattle Police Department to consolidate and manage data provided by a variety of systems related to police calls and incidents, citizen interactions, administrative processes, training and workforce management. This project will satisfy the requirements of the Settlement Agreement with the Department of Justice.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	5,541	1,712	0	0	0	0	0	0	7,253
Parking Garage Disposition Proceeds	5,200	0	0	0	0	0	0	0	5,200
<b>Total:</b>	10,741	1,712	0	0	0	0	0	0	12,453

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	10,741	1,712	0	0	0	0	0	0	12,453
<b>Total:</b>	10,741	1,712	0	0	0	0	0	0	12,453

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	10,741	1,712	0	0	0	0	0	0	12,453
<b>Total:</b>	10,741	1,712	0	0	0	0	0	0	12,453

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

# Seattle Information Technology

## Human Resources Information System Replacement Project

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-IT-C6303
<b>Start/End Date:</b>	2017-2020	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$4,413	<b>Urban Village:</b>	Downtown

This project provides initial funding to begin a multi-year initiative to upgrade the HRIS, which supports the City's Payroll Processing, Human Resources, and Benefits Administration and Retirement Payroll.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	4	1,996	0	0	0	0	0	0	2,000
Use of Fund Balance	0	0	1,984	429	0	0	0	0	2,413
<b>Total:</b>	4	1,996	1,984	429	0	0	0	0	4,413

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	4	1,996	1,984	429	0	0	0	0	4,413
<b>Total:</b>	4	1,996	1,984	429	0	0	0	0	4,413

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	4	185	3,795	429	0	0	0	0	4,413
<b>Total:</b>	4	185	3,795	429	0	0	0	0	4,413

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Permit System Integration

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-IT-C6305
<b>Start/End Date:</b>	2017-2018	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
<b>Current Project Stage:</b>	Execution	<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$7,956	<b>Urban Village:</b>	Downtown

This project provides funding to develop, implement, and support a cross-department platform for the City's regulatory oversight. The platform will provide internal and external stakeholders with streamlined processes and accessibility. In addition, the project seeks to automate labor-intensive processes while establishing tracking and reporting of performance metrics.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	904	7,052	0	0	0	0	0	0	7,956
<b>Total:</b>	904	7,052	0	0	0	0	0	0	7,956

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	904	7,052	0	0	0	0	0	0	7,956
<b>Total:</b>	904	7,052	0	0	0	0	0	0	7,956

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	904	7,052	0	0	0	0	0	0	7,956
<b>Total:</b>	904	7,052	0	0	0	0	0	0	7,956

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Public Safety Tech Equipment

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-IT-C9301
<b>Start/End Date:</b>	2019-2019	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$7,050	<b>Urban Village:</b>	Downtown

This project funds the upgrades and replacement of hardware for the City of Seattle's Public Safety departments. These equipment upgrades will support the ongoing efforts to implement more modern, integrated solutions that will lead to safer, faster, and better incident resolution.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	0	0	914	0	0	0	0	0	914
2019 LTGO Bond Proceeds	0	0	5,415	0	0	0	0	0	5,415
Use of Fund Balance	0	0	721	0	0	0	0	0	721
<b>Total:</b>	0	0	7,050	0	0	0	0	0	7,050

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	0	0	7,050	0	0	0	0	0	7,050
<b>Total:</b>	0	0	7,050	0	0	0	0	0	7,050

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	0	0	6,454	596	0	0	0	0	7,050
<b>Total:</b>	0	0	6,454	596	0	0	0	0	7,050

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Seattle Information Technology

### Seattle Municipal Tower Remodel - IT

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-IT-C9501
<b>Start/End Date:</b>	2016-2020	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	Improved Facility	<b>BSL/Program Name:</b>	Capital Improvement Projects
<b>Current Project Stage:</b>	Execution	<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$14,500	<b>Urban Village:</b>	Downtown

This project continues a multi-year CIP program to acquire, renovate, and expand space for the consolidated Seattle IT Department. In 2019, the effort will continue with the renovation of multiple floors to meet new City office space standards.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	3,088	4,612	2,500	1,300	0	0	0	0	11,500
2019 LTGO Bond Proceeds	0	0	2,000	0	0	0	0	0	2,000
2020 LTGO Bond Proceeds	0	0	0	1,000	0	0	0	0	1,000
<b>Total:</b>	3,088	4,612	4,500	2,300	0	0	0	0	14,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	3,088	4,612	4,500	2,300	0	0	0	0	14,500
<b>Total:</b>	3,088	4,612	4,500	2,300	0	0	0	0	14,500

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	3,088	4,612	4,500	2,300	0	0	0	0	14,500
<b>Total:</b>	3,088	4,612	4,500	2,300	0	0	0	0	14,500

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

SPD Body Worn Video

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-IT-C9300
<b>Start/End Date:</b>	2016-2018	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$4,781	<b>Urban Village:</b>	Downtown

The project includes the procurement and implementation of the Seattle Police Department's body-worn camera program. The project includes funding for equipment, operating and maintenance costs, and personnel costs for 2017 and 2018. Additional staff resources will be identified once a system is selected through the RFP process. SPD plans to issue the first cameras to patrol officers in early 2017. SPD developed a proposed approach for implementation, largely informed by the pilot program conducted in 2015.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	944	3,237	0	0	0	0	0	0	4,181
Miscellaneous Grants or Donations	0	600	0	0	0	0	0	0	600
<b>Total:</b>	944	3,837	0	0	0	0	0	0	4,781

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	944	3,837	0	0	0	0	0	0	4,781
<b>Total:</b>	944	3,837	0	0	0	0	0	0	4,781

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	944	3,837	0	0	0	0	0	0	4,781
<b>Total:</b>	944	3,837	0	0	0	0	0	0	4,781

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Workers' Compensation System Replacement Project

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	MC-IT-6309
<b>Start/End Date:</b>	2017-TBD	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$1,157	<b>Urban Village:</b>	Downtown

This project provides funding to implement an improved Workers' Compensation claim processing system for the Seattle Department of Human Resources (SDHR). The system implementation will require conversion of all current claim files from paper to digital format.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	32	1,125	0	0	0	0	0	0	1,157
<b>Total:</b>	32	1,125	0	0	0	0	0	0	1,157

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	32	1,125	0	0	0	0	0	0	1,157
<b>Total:</b>	32	1,125	0	0	0	0	0	0	1,157

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	32	1,125	0	0	0	0	0	0	1,157
<b>Total:</b>	32	1,125	0	0	0	0	0	0	1,157

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### 800 MHz Radio Network Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C3550
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	700 5th Ave / Various
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This project funds the upgrades and replacement of software and hardware for the City of Seattle’s portion of the King County Regional 800 MHz radio system. The 800 MHz radio system provides the communication infrastructure required for public safety operations such as 911, Medic One, Fire and Police.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	17,825	6,602	669	687	705	723	742	761	28,714
<b>Total:</b>	17,825	6,602	669	687	705	723	742	761	28,714

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	17,825	6,602	669	687	705	723	742	761	28,714
<b>Total:</b>	17,825	6,602	669	687	705	723	742	761	28,714

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	17,825	6,602	669	687	705	723	742	761	28,714
<b>Total:</b>	17,825	6,602	669	687	705	723	742	761	28,714

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Applications Development - Public Safety

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C6307
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This project provides funds to develop and implement software applications used by the City's Public Safety agencies. The applications will improve personnel oversight and deployment, in addition to enhancing the accessibility and quality of public safety data. These applications will support ongoing efforts to achieve improved transparency and compliance.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	468	7,152	1,143	0	0	0	0	0	8,763
2020 LTGO Bond Proceeds	0	0	0	0	0	0	0	0	0
<b>Total:</b>	468	7,152	1,143	0	0	0	0	0	8,763

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	468	7,152	1,143	0	0	0	0	0	8,763
<b>Total:</b>	468	7,152	1,143	0	0	0	0	0	8,763

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	468	7,152	1,143	0	0	0	0	0	8,763
<b>Total:</b>	468	7,152	1,143	0	0	0	0	0	8,763

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Applications Development- DON

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C6301
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	700 5th AVE AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This project provides funds to develop, implement, and enhance software applications used by the Department of Neighborhoods (DON). Identified projects will improve business processes for budgeting, contracting, regulatory compliance, and data management. Additionally, this effort seeks to replace or refresh current systems while consolidating duplicative systems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	280	356	0	0	0	0	0	0	636
<b>Total:</b>	280	356	0	0	0	0	0	0	636

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	280	356	0	0	0	0	0	0	636
<b>Total:</b>	280	356	0	0	0	0	0	0	636

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	280	356	0	0	0	0	0	0	636
<b>Total:</b>	280	356	0	0	0	0	0	0	636

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Applications Development- DPR

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C6302
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This project provides funds to develop, implement, and enhance software applications used by the Department of Parks and Recreation (DPR). Identified projects will improve business processes for budgeting, contracting, regulatory compliance, and data management. Additionally, this effort seeks to replace or refresh current systems while consolidating duplicative systems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	0	2,221	0	0	0	0	0	0	2,221
<b>Total:</b>	0	2,221	0	0	0	0	0	0	2,221

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	0	2,221	0	0	0	0	0	0	2,221
<b>Total:</b>	0	2,221	0	0	0	0	0	0	2,221

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	0	2,221	0	0	0	0	0	0	2,221
<b>Total:</b>	0	2,221	0	0	0	0	0	0	2,221

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Applications Development- FAS

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C6310
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	700 5th Ave
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This project provides funds to develop and implement software applications used by the Department of Finance and Administrative Services (FAS), including a system to (1) assess and collect the Short-term Rental Tax; and (2) to administer and enforce the short-term license regulatory license requirements.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	0	1,421	0	0	0	0	0	0	1,421
<b>Total:</b>	0	1,421	0	0	0	0	0	0	1,421

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	0	1,421	0	0	0	0	0	0	1,421
<b>Total:</b>	0	1,421	0	0	0	0	0	0	1,421

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	0	1,421	0	0	0	0	0	0	1,421
<b>Total:</b>	0	1,421	0	0	0	0	0	0	1,421

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program



## Seattle Information Technology

### Applications Development- General Fund

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C6300
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This project provides funds to develop, implement, and enhance software applications used by City departments. Identified projects will improve business processes for budgeting, contracting, regulatory compliance, and data management. Additionally, this effort seeks to replace or refresh current systems while consolidating duplicative systems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
General Fund	306	2,352	0	0	0	0	0	0	2,658
<b>Total:</b>	306	2,352	0	0	0	0	0	0	2,658

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	306	2,352	0	0	0	0	0	0	2,658
<b>Total:</b>	306	2,352	0	0	0	0	0	0	2,658

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	306	2,352	0	0	0	0	0	0	2,658
<b>Total:</b>	306	2,352	0	0	0	0	0	0	2,658

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Applications Development- SDOT

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C6306
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
<b>Location:</b>			
<b>Neighborhood District:</b>		<b>Council District:</b>	
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	

This project provides funds to develop and implement software applications used by the Seattle Department of Transportation (SDOT). Improved applications seek to enhance project tracking, field work, and coordination with public and private partners. These applications will help SDOT facilitate ongoing projects including those enabled by the Move Seattle levy.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	1,103	4,921	694	174	0	0	0	0	6,892
<b>Total:</b>	1,103	4,921	694	174	0	0	0	0	6,892

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	1,103	4,921	694	174	0	0	0	0	6,892
<b>Total:</b>	1,103	4,921	694	174	0	0	0	0	6,892

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	1,103	4,921	694	174	0	0	0	0	6,892
<b>Total:</b>	1,103	4,921	694	174	0	0	0	0	6,892

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Computing Services Architecture

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C3201
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This ongoing project funds the regular replacement of and major maintenance of software, computing and storage systems on behalf of City departments by Seattle IT.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	14,268	4,914	966	992	1,055	1,082	1,110	1,143	25,530
2019 LTGO Bond Proceeds	0	0	1,866	0	0	0	0	0	1,866
2020 LTGO Bond Proceeds	0	0	0	1,558	0	0	0	0	1,558
<b>Total:</b>	14,268	4,914	2,832	2,550	1,055	1,082	1,110	1,143	28,954

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	14,268	4,914	2,832	2,550	1,055	1,082	1,110	1,143	28,954
<b>Total:</b>	14,268	4,914	2,832	2,550	1,055	1,082	1,110	1,143	28,954

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	14,268	4,914	2,832	2,550	1,055	1,082	1,110	1,143	28,954
<b>Total:</b>	14,268	4,914	2,832	2,550	1,055	1,082	1,110	1,143	28,954

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Data and Telephone Infrastructure

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C3500
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	700 5th Ave/Various
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This ongoing project provides funds to maintain, replace, and upgrade software and major hardware for the City's data and telephone switching systems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

Internal Service Fees and Allocations, Outside Funding Partners	23,528	6,196	2,013	2,068	2,123	2,177	2,233	2,300	42,638
2019 LTGO Bond Proceeds	0	0	4,385	0	0	0	0	0	4,385
2020 LTGO Bond Proceeds	0	0	0	7,275	0	0	0	0	7,275
2021 LTGO Bond Proceeds	0	0	0	0	5,431	0	0	0	5,431
2022 LTGO Bond Proceeds	0	0	0	0	0	1,795	0	0	1,795
<b>Total:</b>	23,528	6,196	6,398	9,343	7,554	3,972	2,233	2,300	61,524

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

Information Technology Fund	23,528	6,196	6,398	9,343	7,554	3,972	2,233	2,300	61,524
<b>Total:</b>	23,528	6,196	6,398	9,343	7,554	3,972	2,233	2,300	61,524

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

Information Technology Fund	23,528	6,196	6,398	9,343	7,554	3,972	2,233	2,300	61,524
<b>Total:</b>	23,528	6,196	6,398	9,343	7,554	3,972	2,233	2,300	61,524

	2019	2020	2021	2022	2023	2024	Total
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**O & M Costs (Savings)**

<b>Total:</b>	0	0	0	0	0	0	0
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*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Enterprise Computing

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C3200
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This ongoing project provides for expansion and replacement of the City's enterprise class server, enterprise class storage and mid-range class storage.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Resources**

General Obligation Bonds	2,900	0	0	0	0	0	0	0	2,900
Internal Service Fees and Allocations, Outside Funding Partners	399	525	0	0	0	0	0	0	924
2014 LTGO Bond Proceeds	2,170	0	0	0	0	0	0	0	2,170
2015 LTGO Bond Proceeds	1,175	0	0	0	0	0	0	0	1,175
2020 LTGO Bond Proceeds	0	0	0	247	0	0	0	0	247
2021 LTGO Bond Proceeds	0	0	0	0	606	0	0	0	606
<b>Total:</b>	6,644	525	0	247	606	0	0	0	8,022

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Fund Appropriations/  
Allocations\***

Information Technology Fund	6,644	525	0	247	606	0	0	0	8,022
<b>Total:</b>	6,644	525	0	247	606	0	0	0	8,022

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
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**Spending Plan**

Information Technology Fund	6,644	525	0	247	606	0	0	0	8,022
<b>Total:</b>	6,644	525	0	247	606	0	0	0	8,022

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Information Technology

### Fiber-Optic Communication Installation and Maintenance

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C3600
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
<b>Location:</b>			
<b>Neighborhood District:</b>		<b>Council District:</b>	
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	

This ongoing project provides for the installation and maintenance of a high-speed fiber-optic communication network for the City and its external fiber partners. The fiber network includes, but is not limited to, sites such as libraries, public schools, fire and police stations, community centers, and other City facilities.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	34,283	6,364	4,133	4,245	4,356	4,468	4,582	4,702	67,133
<b>Total:</b>	34,283	6,364	4,133	4,245	4,356	4,468	4,582	4,702	67,133

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	34,283	6,364	4,133	4,245	4,356	4,468	4,582	4,702	67,133
<b>Total:</b>	34,283	6,364	4,133	4,245	4,356	4,468	4,582	4,702	67,133

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	34,283	6,364	4,133	4,245	4,356	4,468	4,582	4,702	67,133
<b>Total:</b>	34,283	6,364	4,133	4,245	4,356	4,468	4,582	4,702	67,133

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### IT Security

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C5100
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This ongoing project provides funds to acquire, maintain, replace and upgrade software and hardware for the City's IT security systems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	437	1,953	860	920	907	930	954	979	7,940
<b>Total:</b>	437	1,953	860	920	907	930	954	979	7,940

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	437	1,953	860	920	907	930	954	979	7,940
<b>Total:</b>	437	1,953	860	920	907	930	954	979	7,940

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	437	1,953	860	920	907	930	954	979	7,940
<b>Total:</b>	437	1,953	860	920	907	930	954	979	7,940

			2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*



## Seattle Information Technology

Next Generation Data Center

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C9503
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	700 5th Ave / Various
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This project provides a multi-year plan to upgrade and replace the City's existing data center environments. The project will replace aging data center facility systems with more efficient environments that provide increased resilience, maintainability and disaster recovery/business continuity to the City's IT systems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	4,742	1,566	0	0	0	0	0	0	6,308
2013 LTGO Bond Proceeds	2,625	0	0	0	0	0	0	0	2,625
2014 LTGO Bond Proceeds	26,200	0	0	0	0	0	0	0	26,200
2015 LTGO Bond Proceeds	5,462	0	0	0	0	0	0	0	5,462
2021 LTGO Bond Proceeds	0	0	0	0	11,896	0	0	0	11,896
2022 LTGO Bond Proceeds	0	0	0	0	0	2,482	0	0	2,482
<b>Total:</b>	39,029	1,566	0	0	11,896	2,482	0	0	54,973

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	39,029	1,566	0	0	11,896	2,482	0	0	54,973
<b>Total:</b>	39,029	1,566	0	0	11,896	2,482	0	0	54,973

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	39,029	1,566	0	0	11,896	2,482	0	0	54,973
<b>Total:</b>	39,029	1,566	0	0	11,896	2,482	0	0	54,973

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

**2019 - 2024 Proposed Capital Improvement Program**

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Information Technology

### Seattle Channel Maintenance and Upgrade

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C4400
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	600 4th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This ongoing project provides funds to maintain, replace, and upgrade the cablecasting and production systems for the Seattle Channel.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	2,453	470	393	403	414	424	435	447	5,439
<b>Total:</b>	2,453	470	393	403	414	424	435	447	5,439

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	2,453	470	393	403	414	424	435	447	5,439
<b>Total:</b>	2,453	470	393	403	414	424	435	447	5,439

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	2,453	470	393	403	414	424	435	447	5,439
<b>Total:</b>	2,453	470	393	403	414	424	435	447	5,439

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

*\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.*

### 2019 - 2024 Proposed Capital Improvement Program

## Seattle Information Technology

### Technology Management Tools

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	MC-IT-C9500
<b>Start/End Date:</b>	N/A	<b>BSL/Program Code:</b>	BC-IT-C7000
<b>Project Category:</b>	New Investment	<b>BSL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	700 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Downtown

This ongoing project provides funds to acquire, maintain, replace, and upgrade software tools to manage the City's technology systems.

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	154	335	69	80	53	62	72	0	825
2015 LTGO Bond Proceeds	2,192	1,284	0	0	0	0	0	0	3,476
2020 LTGO Bond Proceeds	0	0	0	2,897	0	0	0	0	2,897
<b>Total:</b>	2,346	1,619	69	2,977	53	62	72	0	7,198

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	2,346	1,619	69	2,977	53	62	72	0	7,198
<b>Total:</b>	2,346	1,619	69	2,977	53	62	72	0	7,198

	LTD Actuals	2018 REV	2019	2020	2021	2022	2023	2024	Total
<b>Spending Plan</b>									
Information Technology Fund	2,346	1,619	69	2,977	53	62	72	0	7,198
<b>Total:</b>	2,346	1,619	69	2,977	53	62	72	0	7,198

	2019	2020	2021	2022	2023	2024	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* Funds are appropriated through the Adopted Budget at the Budget Control Level. All amounts shown above are in thousands of dollars.

### 2019 - 2024 Proposed Capital Improvement Program

# Appendices



## Department of Parks and Recreation

### New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-PR-16006	14th Avenue NW Park Boulevard Development (NW 58th to NW 62nd)	This project will provide 17,000 square feet of pedestrian and environmentally-friendly amenities such as swales, natural landscaping, and benches.	0	E 14th Ave NW/NW 58th ST/NW 62nd ST
MC-PR-21004	Activating and Connecting to Greenways	This project will increase the number of miles of safe pedestrian routes for all ages.	215	Citywide
MC-PR-61002	Bryant Site Development	This project will increase the waterfront parkland in Seattle by 3.9 acres.	0	1101 NE Boat ST
MC-PR-17001	Community Food Gardens and P-Patches	This project adds community gardens and P-Patches to afford more opportunities to the public for growing food locally.	0	Citywide
MC-PR-21003	Develop 14 New Parks at Land-Banked Sites	This project will add 14 developed parks for active recreation to help meet the City's parks and open space goals.	2,892	Citywide
MC-PR-15004	East John Street Open Space Development	This project adds green, environmentally sensitive improvements in an existing park.	0	Summit AVE E/E John ST
MC-PR-31004	Golf Master Plan Implementation	This project includes new driving ranges, building replacements, perimeter trails and cart paths.	0	Citywide
MC-PR-12001	Green Space Acquisitions- 2008 Parks Levy	This project will acquire various new properties.	0	Citywide
MC-PR-16003	Hing Hay Park Development	This project adds .31 acres of parkland to an existing neighborhood park.	0	423 Maynard AVE S
MC-PR-15003	Jimi Hendrix Park Improvements	This project makes the park more inviting, usable, and environmentally friendly.	0	2400 Massachusetts ST
MC-PR-16004	Marra-Desimone Park Development	This project will provide community and recreation space to the 8.7 acre site.	0	9026 4th AVE S
MC-PR-14001	Neighborhood Park Acquisitions- 2008 Parks Levy	This project will acquire various new properties.	0	Multiple Locations

\*Amounts in thousands of dollars

### 2019 - 2024 Proposed Capital Improvement Program

## Department of Parks and Recreation

### New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-PR-15001	Opportunity Fund Acquisitions- 2008 Parks Levy	This project will acquire various new properties.	0	Citywide
MC-PR-21001	Park Land Acquisition and Leverage Fund	This project will add acreage to Seattle's total park land acreage.	3,654	Citywide
MC-PR-15005	Rainier Beach Urban Farm and Wetlands Improvements	This project develops a working organic urban farm, wetlands, and related amenities that will be open to the public.	0	5513 S Cloverdale ST
MC-PR-16005	Victor Steinbrueck Park Renovation	Capacity will depend on the project scope that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	0	2001 Western AVE
MC-PR-13002	Washington Park Arboretum Improvements- 2008 Parks Levy	This project renovates park areas with new horticultural displays and trails.	0	2300 Arboretum DR E

## Seattle Department of Transportation

### New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-TR-C037	23rd Avenue Corridor Improvements	This project will install road improvements and improve the efficiency of Seattle's transportation network and of the regional transit network.	6,941	23rd AVE S/E John ST/Rainier AVE S
MC-TR-C034	3rd Avenue Corridor Improvements	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	0	3rd AVE/S Jackson ST/Denny WAY
MC-TR-C072	Alaskan Way Main Corridor	The program will construct a new Alaskan Way surface street and public space.	45,975	Various

\*Amounts in thousands of dollars

### 2019 - 2024 Proposed Capital Improvement Program



## Seattle Department of Transportation

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-TR-C066	Alaskan Way Viaduct Replacement	This project funds the City's involvement in the replacement of the Alaskan Way Viaduct and Seawall.	1,300	ALASKAN WY VI SB/BATTERY ST TUN OFF RP
MC-TR-C005	Aurora Rapid Ride Improvements	This project implements improvements for transit speed, reliability, access and convenience, consistent with the Transit Master Plan.	0	Various
MC-TR-C080	Ballard to Downtown High Capacity Transit and Ship Canal Crossing Project	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network	0	Downtown Ballard/Downtown Seattle
MC-TR-C062	Bike Master Plan - Protected Bike Lanes	This program will install bike lanes and bicycle route signing, and complete links or reconstruct key sections of urban trails in order to increase bicycle safety and access.	9,170	Citywide
MC-TR-C091	Bike Share Expansion	Expand the bikeshare system to 250 stations with 2,500 bikes.	0	Citywide
MC-TR-C044	Burke-Gilman Trail Extension	This project will construct three miles of new multi-use trail.	6,481	Various
MC-TR-C075	First Hill Streetcar	The project constructs a modern, low-floor streetcar system.	0	Various
MC-TR-C047	Freight Spot Improvement Program	This project will improve mobility. Specific projects and the corresponding impacts on capacity are still to be determined.	2,340	Citywide
MC-TR-C051	Madison Street Bus Rapid Transit	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	6,868	Madison ST/Alaskan WAY/Martin Luther King Junior WAY E
MC-TR-C083	Magnolia Bridge Replacement Project	This project will build a new bridge to current engineering standards to replace the existing bridge.	0	W Garfield St/15th Ave W/Thorndyke Ave W

\*Amounts in thousands of dollars

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-TR-C016	Mercer Corridor Project	This project will provide transportation improvements to enhance all modes of travel, including pedestrian mobility, and better utilize existing street capacity in the South Lake Union area.	0	Mercer St/Fairview Ave N/Dexter Ave N
MC-TR-C017	Mercer Corridor Project West Phase	The project will provide an east/west connection between I-5, SR99, and Elliott Ave W.	0	Mercer ST/Elliott AVE W/Dexter AVE N
MC-TR-C019	Neighborhood Traffic Control Program	This program will install traffic calming devices on neighborhood streets.	305	Citywide
MC-TR-C020	New Traffic Signals	This project will install new traffic signals to improve traffic flow, reduce the frequency and severity of traffic accidents, and support pedestrian activity.	825	Citywide
MC-TR-C030	Northgate Bridge and Cycle Track	This program will design and build pedestrian and bicycle improvements in order to increase safety and improve access to transit modes.	19,044	Multiple
MC-TR-C013	Roosevelt Multimodal Corridor	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	1,565	Eastlake AVE/Stewart ST/NE 65th ST
MC-TR-C028	S Lander St. Grade Separation	The project will construct a grade separation of the S Lander St. roadway and the Burlington Northern mainline tracks between 1st and 4th Avenues S.	35,052	S Lander St/1st Ave S/4th Ave S
MC-TR-C004	Sound Transit - East Link	This project will provide design review, permitting, and construction support services for the Sound Transit - East Link project.	70	Citywide
MC-TR-C027	Sound Transit North Link	Construct a 4.3-mile light rail line and three stations at Northgate, Roosevelt and University District.	310	Various

\*Amounts in thousands of dollars

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Department of Transportation

### New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-TR-C029	Transit Corridor Improvements	This program implements projects that improve transit speed, reliability, access, and convenience, consistent with the Transit Master Plan.	4,823	Citywide
MC-TR-C064	Vision Zero	This project will upgrade existing signals and signs, and install new ADA ramps, and pedestrian safety improvements.	4,557	Citywide

## Finance and Administrative Services

### New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-FA-ADAIMPCTY	ADA Improvements - Citywide	This project will not result in new or expanded facilities.	0	Multiple City facilities
MC-FA-BENSNDDBD G	Benaroya Hall Transforming Soundbridge	This project will provide City resources to fund a portion of the Benaroya Hall capital project to transform the Soundbridge learning space into OCTAVE 9.	0	1301 3rd Ave.
MC-FA-CHASDEV	Charles Street Campus Development	This project will provide assessment, work scoping, and predesign for the City's future development of some or all of the Charles Street Campus.	0	1030 7th Ave. S
MC-FA-CTYPDS	City Facilities Project Delivery Services	This ongoing program will provide pass-through budget authority for FAS to provide design and construction management services, as requested by City departments, at facilities that are neither owned, managed nor leased by FAS.	0	Multiple

\*Amounts in thousands of dollars

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-FA- DRVCLNFLT	Drive Clean Seattle Fleet Electric Vehicle Infrastructure	This project will fund the design, permitting, and construction of electric vehicle charging stations in the Seattle Municipal Tower, SeaPark, and at multiple other City facilities and properties.	4,500	Multiple
MC-FA- SHELTERFA	FAS Shelter Facilities	This project will increase the supply of interim or “bridge” shelter and housing for people currently living unsheltered, by supporting costs related to acquiring or leasing property, as well as to design and construction of new facilities and improvements to existing facilities and properties.	0	800 Aloha ST
MC-FA- PSFSSLU	Fire Facilities South Lake Union	This project will provide for site evaluation and acquisition (and potential future design and construction) for a new Marine Emergency Response facility for a freshwater and land-based fire apparatus in the vicinity of the South Lake Union and Denny Triangle neighborhoods.	0	
MC-FA- FS31IMP	Fire Station 31 Improvements	This project will design, permit and construct an expansion totaling approximately 2,000 square feet to three apparatus bays at Fire Station 31.	0	1319 N Northgate Way
MC-FA- FFERPFS32	Fire Station 32	This project will replace the existing Fire Station 32 with a new 20,000 square foot, 3 story facility, adding approximately 11,500 square feet.	0	3715 SW Alaska St

\*Amounts in thousands of dollars

### 2019 - 2024 Proposed Capital Improvement Program

## Finance and Administrative Services

### New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-FA-FS5	Fire Station 5	This project will provide a seismic and safety upgrade for Fire Station 5 and make functional improvements to the facility and building systems.	0	925 Alaskan Way
MC-FA-PRLWARNV C	Navigation Center	This project will fund capital improvements at the Pearl Warren building in support of the creation of a Navigation Center.	0	12th AVE S/12th AVE S
MC-FA-MUNICOUR T	Seattle Municipal Courts	This project will provide for operational and security improvements and repairs in the Seattle Justice Center (SJC).	140	600 5th AVE
MC-FA-SMTELRHB	Seattle Municipal Tower Elevator Rehab	This project will improve the operation, reliability, and system performance of the Seattle Municipal Tower (SMT) elevators. A 2018 preliminary engineering study is currently assessing the requirements of the improvements.	1,000	700 Fifth AVE
MC-FA-SMTIDFINF	Seattle Municipal Tower IDF Infrastructure Upgrades	This project will provide electrical, cooling, and fire separation upgrades for 15 existing Intermediate Distribution Frame (IDF) rooms in the Seattle Municipal Tower (SMT).	0	700 Fifth AVE

## Seattle City Light

### New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-CL-ZS8426	Advanced Metering Infrastructure	Rationale: City Light is at a point where replacement is unavoidable and needed in the short term due to the age and condition of its meters, meter reading equipment, and software. Approximately 50% of 350,000 residential	5,756	Citywide

\*Amounts in thousands of dollars

### 2019 - 2024 Proposed Capital Improvement Program

## Appendix A: New or Expanded Capital Facilities

meters in the field are at least 30 years old, which is outside the estimated lifespan for electro-mechanical meters. As of February 2009, residential electro-mechanical meters are no longer being manufactured. The software and handheld devices currently used by City Light meter readers to manually capture and record reads will no longer be supported after 2012. In addition, City Light currently employs 57 FTEs in Customer Billing and 44 FTE Meter Readers, of which 43%, or 25 FTE and 19 FTE respectively, are eligible to retire by 2014. This presents an opportunity for SCL to make operational changes that move the utility from a manual to an automated system at a time when it is needed. Alternative (s): Option 1 - Recommended solution: Full AMI implementation as entered. This option's up front capital costs result in significant net savings due primarily to reduced labor costs and increased revenue. In addition, it establishes the infrastructure, technology, and capabilities for improved customer service and support for future plans and operations. Option 2 - Status quo: Continue current meter replacement cycle using current commercially available digital meters without communication capabilities. At the current expenditure rate, between 5,000 and 7,000 meters are installed annually (replacement of failed meters, new meter growth, service changes, etc.). This option minimizes current

*\*Amounts in thousands of dollars*

### **2019 - 2024 Proposed Capital Improvement Program**

Appendix A: New or Expanded Capital Facilities

annual capital costs, but does not provide for timely replacement of all electro-mechanical meters. In the event of accelerated failure rates from the aging meter population, capital costs would escalate.

Other options previously screened out:

A. Replace failed electro-mechanical meters with working electro-mechanical meters. The cost of purchasing electro-mechanical meters is currently lower than digital units but they are no longer being manufactured. SCL would have to acquire used or refurbished replacement meters from other utilities or companies, with the risk that availability will be reduced over time.

B. Replace current electro-mechanical meters on an accelerated schedule using commercially available digital meters without communication capabilities. This option carries significant capital costs for meters, although it does not require the communications and IT infrastructure. It provides limited benefits, primarily through increased meter accuracy, but provides severely limited benefits compared to AMI deployment.

C. Deploy AMI on a limited basis to Commercial and Industrial customers, plus a limited number of small services with access problems. Partial implementation would require reduced capital costs but substantially the same investment.

MC-CL-ZT8307	Alaskan Way Viaduct and Seawall Replacement -	Rationale: The Alaskan Way Viaduct replacement includes	20,423	SR 99 / Battery St
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*\*Amounts in thousands of dollars*

**2019 - 2024 Proposed Capital Improvement Program**

## Appendix A: New or Expanded Capital Facilities

### Utility Relocs

a complex transmission and network/non-network relocation, design and construction, and is on a fast track. This work is integrated and required by the broader transportation project. The externally generated project and schedule includes significant electrical relocation work in the near term that will extend for over a decade. The utility is required to relocate for transportation relocated projects. The City's overall plan for the Alaskan Way Viaduct project includes utility funded relocations for the viaduct replacement and for rebuilding the Seawall. The series of subprojects that make up the Alaskan Way Viaduct replacement have opportunities for system improvements that will also be funded under this program. For most of the subprojects in the Alaskan Way Viaduct project, utility relocations will lead the construction. Therefore any delay in accomplishing SCL work will result in delays along the overall projects critical path. While the designs & construction schedules for the various subprojects in the Alaskan Way Viaduct program are being sequenced and detail design is underway for the immediate projects, the central waterfront elements of the overall project are beyond this budget cycle and are still in the preliminary design phases. Alternative(s): The Alaskan Way Viaduct program provides the utility with a combination of obligations and opportunities for system improvements over the next 6 years. The

*\*Amounts in thousands of dollars*

## 2019 - 2024 Proposed Capital Improvement Program



## Appendix A: New or Expanded Capital Facilities

Alaskan Way Viaduct program will likely be the City's primary construction focus as its various projects impact traffic and roadway construction, seawall stabilization, and urban design on the waterfront. Seattle City Light facility relocations will be a part of each of these projects. The global nature of the Viaduct Program also provides the opportunity to make system improvements that will provide for increased reliability and capacity for our customers. For example, work in the south end will include system improvements that will increase feeder capacity and reliability for Port customers. Undergrounding of transmission lines near Broad Sub are being done as part of an overall SDOT street improvement with costs shared based on a negotiated MOA with SDOT. The return of Aurora, north of Harrison Street to a city street, and the decommissioning of the Battery Street Tunnel provides an opportunity to extend ducts and vault across Aurora to help provide system capability to the NODO area.

*\*Amounts in thousands of dollars*

**2019 - 2024 Proposed Capital Improvement Program**

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-CL- XB6493	Boundary Powerhouse Generator Step-up Transformer Replacement	Rationale: Design to begin in 2010. Closeout in 2017. First transformer delivered in 2012. Alternative(s): An alternative approach would be to repair or replace units as they fail from deferred maintenance. This approach would eventually result in a significant loss of revenue and/or fines from a regulatory agency. Accepting the risk of failure would not be in the best interest of the utility. Having a spare unit onsite would prevent such failures.	7,674	10382 Boundary Rd, Metaline, WA 99153
MC-CL- YN8203	Broad Street Substation - Network	Rationale: Customer demand for higher loads continues. Capacity of the cables serving two sub-networks is near overload, requiring immediate attention to avoid cable failure and customer outages. In the next five years, customers are projected to exceed the capacity of cables in another five network subareas. This capital project addresses the means to serve customer demand for higher capacity. Reliability measures identified in the Network Strategic System Plan are incorporated into this capacity driven work. Without this critical project it is very likely that there will be insufficient reliable electrical capacity in the very near future to hook up new customers and to serve present customers such as the Westin building. hernanju (7/29/21010): The project goal increases capacity of	3,627	319 6th AVE N

\*Amounts in thousands of dollars

## 2019 - 2024 Proposed Capital Improvement Program

## Appendix A: New or Expanded Capital Facilities

present Broad Street Substation network feeder cables to their ultimate service build-out limit (an overall increase of just under 100 MVA) as determined by Broad Street Substation's transformer capacity. This project constructs ten vaults and ten blocks of duct banks, re-conductors and relocates three primary feeders per year, upgrades/optimizes network transformers as needed, reduces secondary bus ties (reduce the size of the secondary grid resulting in greater reliability), and performs ancillary work.

Alternative(s): Alternatives include: 1. Do nothing. Make no improvements to system reliability or additions to feeder capacity. This would allow customer load to continue growing without commensurate additions to capacity of feeders serving this area, ultimately leading to multiple cable failures and extended customer outages. This would reduce the customer reliability of the network systems from its present level, subjecting it to infrequent but lengthier outages. 2. Reduce customer demand for more loads with demand side management measures. This alternative was evaluated in the Network Strategic Systems Plan and found to have negligible ability to reduce customer demand in the network area. 3. Increase capacity of network feeders incrementally, as little as possible and as close to near-term load requirements as possible. 4. Increase capacity of network feeders to the full limit of the substations capability to deliver power. 5.

*\*Amounts in thousands of dollars*

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		Add measures that improve system reliability to mitigate the severity of any network event. 6. Add measures that improve customer reliability by preventing the chain of events leading to major customer impacts.		
MC-CL-ZL8403	Citywide Undergrounding Initiative - City Light	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	10	System Wide
MC-CL-ZO8430	Creston-Nelson to Intergate East Feeder Installation	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	1,178	Tukwila
MC-CL-YN8404	Denny Substation - Network	Rationale: This project is a result of a four years of advocacy by customers to make sure that the electrical distribution system has sufficient capacity to meet the projected loads in the rapidly growing area of North Downtown, and that the system has the reliability and voltage stability to support the research activities of the emerging biotech industry there. The principal stakeholders are the Fred Hutchinson Cancer Research Center, the UW School of Medicine, the Seattle Biomedical Research Institute, Rosetta Inpharmatics, ZymoGenetics, Children's Hospital and Medical Center, and the startups at the Accelerator Project. This five to seven year infrastructure project is specifically tailored and designed to the core needs of this business sector in the North Downtown area. The research activities and the laboratory equipment are so sensitive to system reliability and voltage stability that this area requires an extraordinary level of service from the utility. The motto is "World class research requires world class facilities.". The utility through	5,695	Valley Street/Denny Ave

*\*Amounts in thousands of dollars*

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this project is a partner in that effort. Because existing City Light substations cannot accommodate the new network feeders, this project requires the construction of a new North Downtown substation in a three to five year period, proposed as project 7757, North Downtown Substation Development. This network project cannot exist without the new substation.

Alternative(s): 1. Enhance the service using non-network feeders from other substations. 2. Have individual customers invest in private reliability improvements. 3. Install network system in core service area, including the biotech industries. 4. Install network system throughout North Downtown area.

Option 1 is not feasible because the availability of feeders from adjacent substations is limited and in question over time. Option 2 has been tried recently, but did not meet the reliability needs of this set of customers. Option 3 is the recommended option, as it is effective in meeting the need and cost effective. Option 4 includes all customers in the area, which is not necessary and expensive.

MC-CL- YS7757	Denny Substation Development	Rationale: The key premise of the North Downtown capacity plan is preparedness and flexibility to respond to future growth as it occurs and to provide the operational flexibility to operate the electrical system to serve new development and existing load. The estimates assume that the transmission and distribution getaways into North Downtown Substation	0 System Wide
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*\*Amounts in thousands of dollars*

## Appendix A: New or Expanded Capital Facilities

will be underground.

However, the figures in this project do not provide for undergrounding existing overhead circuits in the neighborhood. See project 8404, North Downtown System Network, which will construct the underground network that links the customers to the substation. City Light expects that the current and planned development of the North Downtown district requires a 200 MVA substation in the area. The factors determining the timing of this substation include actual and anticipated load growth in the North Downtown Area, and the demand for power from other substations that could possibly serve the area. Alternative(s): Updated by Michael Clark 6/10/11: SCL System Planning Group is working with a consultant to validate existing SCL Service Area Loads, perform a 10yr & 20yr forecast for entire SCL Service area, and prepare small area load forecast for the North Downtown service area, with specific recommendations regarding development of a NODO Substation and NODO Network to provide service to this area. The alternatives for the NODO Substation will be: 1. Do nothing. 2. Transfer load to adjacent substations. 3. Reinforce Broad Substation. 4. Construct new North Downtown Substation with Radial or Network Distribution System, Voltage Level (13.8kV or 26kV), and Transmission Alternatives. SCL System Planning Group anticipates making formal recommendations regarding NODO Substation in QTR3

*\*Amounts in thousands of dollars*

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		2011.		
MC-CL- YT7125	Denny Substation Transmission Lines	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	2,850	System Wide
MC-CL- YD9307	Distribution Area Communications Networks	Rationale: The communication systems now employed are in need increased capacity, better security, faster speeds, and increased reliability to meet new regulatory requirements. This will meet our ever increasing data and voice communication needs and take us twenty years or more into the future. Maintenance costs are lower because increased redundancy and reliability as well as better system alarms and the capability to remotely troubleshoot and reprogram the system. Traffic on the network is easily rerouted until major failures can be repaired. The new requirements of security, relaying, Automated Meter Reading, Automated Distribution and other automated systems will be easier to implement at lower cost once this project is completed. The system is easily upgraded to increase capacity or take advantage of new technology as it becomes available. Alternative(s): Option 1 Proceed as proposed. Install/complete fiber optic rings. Option 2 Do nothing. Have an inadequate communications network, with a high expense O&M component.	2,622	Citywide

*\*Amounts in thousands of dollars*

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Project No.	Project Title	Capacity	2019*	Location
MC-CL- YD9966	Distribution Management System	Rationale: City Light currently uses manual processes to accomplish this work, but without the same outcome. Manual processes require reviewing maps to determine system configuration and options. They also do not provide accurate estimates of customers impacted by planned outages, and require additional labor to perform planning. DMS would be installed when it is determined that City Light has enough substation automation, communication infrastructure, Advanced Metering Infrastructure (AMI), and Supervisory Control and Data Acquisition (SCADA) field switching equipment in place to benefit from its use. The labor saving benefit will be achieved by maximizing the utilization of the substation and SCADA field switching equipment linked to the DMS. Customers will receive more accurate information regarding planned outages, and in some cases, reduce the area needed for the outage because of the ability to create switching scenarios during the planning process. Alternative(s): The only alternative direction would be to delay installation of DMS or choose not to install.	944	City Wide
MC-CL- XF9101	Equipment Fleet Replacement	Rationale: As mobile equipment ages, it reaches a point where it becomes more economical to replace the equipment than to continue to repair it. In the past, the	7,178	System Wide

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mobile equipment fleet coordinator used a twenty year replacement plan to maintain City Light's vehicle pool. Due to replacement deferrals starting in the mid 90's and the budget cuts which began in 2000, that replacement plan by necessity was revised. We are now faced with replacing fleet on an as needed basis. That priority is to replace the most often used, specialized, or critical equipment to the Utility, or the most costly to maintain and least reliable vehicles first. To get back to an established plan will require seven plus years of enhanced financing. A seven year recovery plan requires \$10 million annually. That plan has been underfunded for 15 years. The planned annual purchases, per the twenty year plan for the heavy fleet equates to approximately \$8 million per year. That \$10 million replaces the equipment that normally needs to be replaced every year and addresses some of the equipment that has been deferred. The proposed \$10 million will not fully cover inflation and the increasing cost of materials as many purchases now have a steel surcharge added. There are also added emissions requirements for the coming years starting in 2007. This will require about \$10,000 per diesel engine along with design changes to accommodate space for higher heat and larger exhaust pipes. The Memorandum of Understanding between the Fleet Management Department (FMD) and

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Seattle City Light (SCL) regarding financing and management of the City Light Fleet states on June 22, 1998, the City Council adopted Resolution 29771. In that resolution is reference to Timely Replacement of Vehicles. The recommendation is to replace vehicles in a timely manner, when fully depreciated.

Alternative(s): The recommended alternative is to address the backlog of City Light vehicles, heavy and light fleet, on a plan spread over 7 or more years (a \$30 million backlog currently on a \$130 million fleet) A second plan would be to not purchase fleet vehicles. This option would result in paying both higher maintenance costs for worn out vehicles and higher rental costs both for specialized vehicles and daily use vehicles currently at \$2 million annually. It also has safety ramifications when considering malfunctions and inopportune breakdowns. A third plan would be to continue to not address the back log but replace on an as needed basis. This plan requires more rental costs and time loss due to equipment down time. It also does not address the need to be more fuel efficient and environmentally friendly. This plan to replace only as needed would be less reliable for tracking or budgeting. Address the back log through a seventh year or longer plan.

MC-CL- YN8407	First Hill - Network Load Transfer	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	896	1100 Madison St.
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*\*Amounts in thousands of dollars*

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-CL-XP6470	Generation Federal Reliability Standards Improvements	Rationale: In June 2007, newly established standards regulating the North American bulk electric power system, which includes generation and transmission, became mandatory. Failure to comply may be punishable by financial penalties of up to \$1 million per day per violation. As of April 2008, there are 140 standards in force; 30 of these apply to Seattle City Light's (SCL) Power Production Division. SCL is in full compliance with many of the standards, but has identified elements of the new standards which require rapid mitigation to avoid financial penalty or other forms of censure. Publication of new and revised standards requires an on-going project level effort to put improvements into service which keep generation equipment and operations in full compliance. Alternative (s): No Alternatives Provided.	11	500 Newhalem Creek Rd, Marblemount, WA 98267
MC-CL-YS7756	Interbay Substation - Development	Rationale: The Broad Street Substation is reaching its capacity to serve the network and the growing South Lake Union neighborhood. The limiting factor is an inability to construct additional underground feeders to carry electrical current in to the area. The existing 26 kV distribution system and substations are becoming overloaded and a new 26-kV substation will feed the areas load growth. The 115 kV ring bus work at Broad Street and Canal Substations will provide	29	17th Ave West/West Bertona St

\*Amounts in thousands of dollars

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the connections to the transmission system. The new substations will provide 10 to 15 new 26 kV getaways, adding to the distribution network and providing a new path for power to the area. Because City Light already owns property for a station in Interbay, it is the nearest opportunity we have to add capacity in the western part of the service area that will off-load demand from the Broad Street Substation for the South Lake Union district. Developers who are interested in projects in the SLU district want to know that City Light will be able to serve their needs reliably.

Alternative(s):

1. Not build the new substation.
2. Option one build: Contract out the design and construction
3. Option two build: Have City Light design and integrate the facility into the distribution system, and construct the facility.

It requires at least 36 months to site, contract for design, construct, and energize a distribution substation. There are several alternatives such as installing distributed generation facilities to meet load growth. City Light has considered constructing additional transmission corridors from the University Substation and/or Canal Substation. Both alternatives require crossing a body of water, which are expensive options even if environmental challenges do not delay or halt progress. Given the recognized growth in South Lake Union, City Light selected the most cost effective and achievable

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MC-CL-ZS8365	Large Overhead and Underground Services	<p>option - constructing a station at Interbay to serve the growing load in that part of the service territory.</p> <p>Rationale: There is a continuous demand for additional electric power services as new construction and renovation work occurs. Seattle City Light provides service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community focused organization.</p> <p>Alternative(s): Each service connection may have unique aspects that would require or facilitate design, construction, and financing alternatives. Seattle City Light will fully consider alternatives as a means to fulfill its commitment to be a customer and community-focused organization.</p>	4,278	System Wide
MC-CL-YN8202	Massachusetts Street Substation - Networks	<p>Rationale: The rational for this project is to increase the capacity and reliability of present Massachusetts Street Substation network feeder cables to their ultimate service build out limit (an overall increase of 69 MVA), as determined by Massachusetts Street Substation's transformer capacity, with allowance for feeder imbalances, feeder diversity and diversity among sub-networks. The Alaska Way Viaduct project will require the relocation of all 13kV distribution feeders that are suspended from the viaduct. These include feeders serving Pioneer Square and the downtown core. Additional duct banks and electrical vaults must be built throughout the Pioneer Square area to accommodate the feeder relocations. Doing</p>	4,223	1555 Utah Ave S

*\*Amounts in thousands of dollars*

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the engineering for this relocation during 2007 will ensure that timely civil construction can be done in order to avoid many conflicts with other utilities and mitigate some of the traffic impacts that will occur during the Viaduct and Seawall construction. Alternative(s): Alternatives include: 1. Do nothing. Make no improvements to system reliability or additions to feeder capacity. This would allow customer load to continue growing without commensurate additions to capacity of feeders serving this area, ultimately leading to multiple cable failures and extended customer outages. This would reduce the customer reliability of the network systems from its present level, subjecting it to infrequent but lengthier outages. 2. Reduce customer demand for more load with demand side management measures. This alternative was evaluated in the Network Strategic Systems Plan and found to have negligible ability to reduce customer demand in the network area. 3. Increase capacity of network feeders to the full limit of the substations capability to deliver power. 4. Add measures that improve system reliability to mitigate the severity of any network event. 5. Add measures that improve customer reliability by preventing the chain of events leading to major customer impacts.

*\*Amounts in thousands of dollars*

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Project No.	Project Title	Capacity	2019*	Location
MC-CL-ZS8366	Medium Overhead and Underground Services	Rationale: There is a continuous demand for additional electric power services as new construction and renovation work occurs. Seattle City Light provides service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community focused organization. Alternative(s): Each service connection may have unique aspects that would require or facilitate design, construction, and financing alternatives. Seattle City Light will fully consider alternatives as a means to fulfill its commitment to be a customer and community-focused organization.	11,784	System Wide
MC-CL-ZS8054	Meter Additions	Rationale: Background: Of the 400,000 meters in City Light's metering system, approximately 80,000 are older than 30 years. City Light's Rates Unit estimates that replacing the meters would result in an increase in revenues of more than \$450,000 annually. City Light has a fiduciary responsibility to continually update the metering system. Due to continuous budget constraints, both in labor and material, targets of 10,000 obsolete meter exchanges were reduced in 2000, 2006 and 2008 to our current level of 5300, thus the backlog of older meters continues to increase. Methodology: New Service Installations: Over the past 9 years, new or	2,235	System Wide

\*Amounts in thousands of dollars

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upgraded services have averaged 5,500 a year. Material budgeting was based on a 2006 to 2008 average and current labor figures. These project funds support the demands of new construction and upgraded services. Obsolete Meter Exchange: The life cycle of a meter is 30 years based on the electro-mechanical meter. However, current and future electronic technology may reduce this life-span up to 50%. Older meters slow with age, resulting in a loss of revenue to the Department. Obsolete meters can account for up to 3 percent loss in department revenue. The Technical Metering Unit expects to exchange 10,000 obsolete meters annually starting in 2013 through 2016. Alternative(s): 1. Continue to replace obsolete meters at current level of 5,300 annually. City Light could not accurately bill for electrical consumption. Incur loss of City Light revenue due to slow meters. Results in increasing backlog of meters over 30 years old. Increased future utility costs due to replacing obsolete meters at an accelerated pace with higher labor and material costs. 2. Continue to replace obsolete meters at higher level of 10,000 annually. Increase number of customers who receive accurate and timely bills. Reduce loss of utility revenues due to slow meters. Avoid higher cost of meter replacement when meters fail.

MC-CL- YR8429	Mobile Workforce Implementation	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	1,136	Citywide
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*\*Amounts in thousands of dollars*

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Project No.	Project Title	Capacity	2019*	Location
MC-CL-ZO8383	Neighborhood Voluntary Undergrounding Program	<p>Rationale: Many residential customers have a strong interest in converting overhead power lines to underground lines. Legislation limits City Light from subsidizing this activity from the general rate base. Since the City enacted Council Ordinance 112738 in 1986, customers wishing to convert an existing service from an overhead to an underground connection have utilized the utility's Voluntary Underground Program (VUP). It requires that the customers pay all costs associated with any residential undergrounding. This is still currently a part of the Seattle Municipal Code (SMC) in Section 21.49.110.T. The Seattle City Light VUP coordinator works with any customer or customer group expressing an interest in undergrounding to form a VUP project. The purpose of the Voluntary Underground Program (VUP) is to satisfy residential customers who are interested in converting their overhead distribution system to an underground system. This project allocates customer support, design, and construction services so that the customers feel well treated whether or not they ultimately decide to go ahead with the conversion.</p> <p>Alternative(s): No Alternatives Provided.</p>	15	System Wide

\*Amounts in thousands of dollars

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Project No.	Project Title	Capacity	2019*	Location
MC-CL-ZS8405	Network Additions and Services - Denny	Rationale: This is a mandated project that provides electrical service connections and related improvements in response to requests for service from customers. The project provides targeted civil and electrical design assistance to customers to connect existing and proposed buildings to the North Downtown network system. The conversion effort is quite large since we are installing a new network in this area. It is imperative to participate in early design discussions with customers building in the area. For existing buildings, the conversions to network service are complicated and require expert assistance. This project provides service connections to biotech industry, condominiums, office buildings, medical facilities, hotels, and commercial and apartment buildings. Alternative(s): 1. Do nothing. 2. Hook up customers as they request. Option 2 is recommended as it is most compatible with our mission of customer service.	8,013	Valley Street/Denny Ave

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Project No.	Project Title	Capacity	2019*	Location
MC-CL-ZS8363	Network Additions and Services: Broad Street Substation	Rationale: The Broad Street Substation Network Additions and Services project connects approximately five small, four medium, and five large properties costing \$4.6 million and performs capacity additions work associated with service connections. These connections include condominiums, office buildings, medical facilities, hotels, and commercial and apartment buildings. Alternative(s): No Alternatives Provided.	7,150	319 6th AV N
MC-CL-ZS8364	Network Additions and Svcs: First Hill, Mass, Union & Univer	Rationale: This Network Additions and Services project for the customers in the First Hill, Massachusetts, Union, and University District network areas provides service connections to approximately nine small, five medium, and four large properties costing \$3.5 million. These connections include condominiums, office buildings, medical facilities, hotels, and commercial and apartment buildings. Alternative(s): No Alternatives Provided.	3,373	1555 Utah AV S
MC-CL-YN8129	Network Hazeltine Upgrade	Rationale: Using the Network Hazeltine system provides reliable power by remotely monitoring the electrical vaults and electrical equipment within the entire downtown service area. The Power Dispatchers constantly monitor the real time status of the network using the Hazeltine system. This program costs \$304K per year and avoids problems that can easily exceed twice that	552	System Wide

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amount for Seattle City Light and its customers. The utility's cost for one such problem can range from \$200K up to as much as \$3M.

Aggregated customer costs can range from \$100K up to \$5M. The benefit cost ratio for any one problem can range from 0.99 ( $[\$200k + \$100k]/\$304k$ ) to be as high as 26.3 ( $[\$3M + \$5M]/\$304k$ ).

We usually avoid 4 to 5 smaller problems each year and a larger problem, with combined costs of \$1.53M, every 5 years. The yearly benefit cost is then  $[4 * 0.99 + 1.53M / (304k * 5)] = 5.0$ .

Alternative(s): 1. Do nothing. Do not change existing Hazeltine system. Hazeltine has changed the production of their transmitters, forcing utilities to pay a premium for the transformers that is a fraction of the cost of upgrading to their Next Generation equipment. 2.

Upgrade to Hazeltine's Next Generation system, changing station receivers and transmitters on each transformer. Total cost is about \$2.2 million. 3. Develop SCL proprietary network EMS system, capable of monitoring plus a new function of control of NP's, BTS's, and primary switches if they are added. Total cost ranges from \$7 million to \$17 million, depending on communications option selected. This excludes developmental costs. 4. Buy any upgrades from vendors only. Wait for Hazeltine or other vendors, to develop network EMS systems with the desired control and monitoring features. No products or competitors to Hazeltine are available at this

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time for cost estimates. 5. Add sensors to existing or future Hazeltine system to enhance the monitoring of the network environment. This would enable system operators to detect and respond to abnormal field condition and thereby improve customer reliability. 6. Continue existing program of upgrading the sensors to match the current SCL standard. In 2007 and 2008, review the Hazeltine program and determine if more significant upgrades are feasible. Presently, this is the recommended action and funding level for 2007 and 2008. The 2009 and beyond dollars are expected expenditures for the significant Hazeltine upgrades, if approved.

MC-CL- XF9103	Office Furniture and Equipment Purchase	<p>Rationale: Workplace and process improvements completed under program 9159, plus ongoing organizational change, require the purchase of office furniture and equipment in order to achieve the project objectives. Each year Utility Support Services completes approximately 450 service requests requiring furniture reconfiguration, at least a third of which involve ergonomic corrections. Alternative(s): 1. Fund program 9103. 2. Don't fund program 9103 and purchase all office furnishings and equipment from the O&amp;M budget. 3. Maintain office furniture until it can no longer be sustained in acceptable condition and then replace in total with a future ad hoc program.</p>	1,105	System Wide
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*\*Amounts in thousands of dollars*

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-CL-ZT8369	Overhead and Underground Relocations	Rationale: This project provides the means to move City Light system infrastructure, located in the public right-of-way for transportation projects, including street widening and street vacation projects. This means moving distribution lines to make way for construction of buildings, bridges, airport runways, tunnels, and for other utilities. This project moves electrical lines to accommodate or take advantage of transportation-related projects being constructed by other agencies. The project builds new and replaces old line segments, installs and replaces poles, and adds or renovates underground facilities to the distribution system, as necessary, to relocate distribution systems for transportation projects, street vacations, or other projects proposed by outside (non-City Light) agencies. Some projects are paid for by City Light and some are paid for by the requesting agencies. This project provides the means to move the system for transportation projects in the public right of way, including street widening and street vacation projects. Alternative(s): The do nothing alternative leaves the distribution of facilities in their current location, which would interfere with the projects of the other agencies.	3,983	System Wide

\*Amounts in thousands of dollars

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Project No.	Project Title	Capacity	2019*	Location
MC-CL- YR8355	Overhead Customer Driven Capacity Additions	Rationale: This project adds capacity to the distribution system to accommodate increased load from new services. Alternative(s): The do nothing alternative leaves the existing system in place. New loads added to the system will adversely impact system reliability and voltage stability. It may be necessary, if the load increase is significant, to deny new service connections if the feeder capacity is inadequate.	5,055	System Wide
MC-CL- YR8356	Overhead System Capacity Additions	Rationale: This project adds capacity to the distribution system to maintain the reliability level for the existing customers on the system and accommodate the increased load from new services. Alternative(s): The do nothing alternative leaves the existing system in place. New loads added to the system will adversely impact system reliability and voltage stability. It may be necessary, if the load increase is significant, to deny new service connections if the feeder capacity is inadequate.	2,530	System Wide

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Project No.	Project Title	Capacity	2019*	Location
MC-CL-WF9970	PeopleSoft Reimplementation - City Light	Rationale: The City manages the PeopleSoft financial system and City Light needs to be involved in the configuration and implementation in order to ensure the new implementation meets City Light's business needs. The City and its departments have used PeopleSoft as its financial system since 1998, with the last software upgrade done in 2006. Vendor support for the City's current version of PeopleSoft expired on December 31, 2011. Upgrading to the most current version offered by the vendor ensures vendor support through 2021. Alternative(s): No Alternatives Provided.	0	System Wide
MC-CL-YR8452	Pole Attachments	Rationale: City Light is legally and contractually obligated to make space available on its facilities to government and private entities for communication and other purposes. Customers wishing to utilize space on City Light facilities are required to pay in advance for any necessary work required to provide the necessary space and minimum clearances to the electrical equipment. This ensures that the attachments meet all applicable federal, state and local safety codes. Customers are not allowed to make any attachments until all make ready work, including tree trimming, has been completed and the system made safe for the communication worker.	6,518	System Wide

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Speed to market in the communications industry is critical for them to maintain their competitive advantage. Customers pay in advance for City Light crews to complete this work on overtime, without interrupting the normal assignments of the crews. All construction charges are deposited into the Light Fund. New wireless facilities and pole attachments generate an additional \$100,000 in rental revenue annually. Currently \$3.3 million in annual rental revenue is being generated and will continue to increase as construction and make ready work is completed. All rental revenue is deposited into the Light Fund. The communications industry and associated technology are growing at an astounding rate. City Light has experienced a 375 percent increase in pole attachment applications since 2007. All trends indicate that this growth will increase by an average of 24 percent annually. This does not take into account major initiatives such as fiber to the home, Advanced Metering Infrastructure (AMI), or vast expansion of existing networks and Distributed Antenna Systems (DAS). Completing the construction for make ready work and wireless facilities will enable City Light to fulfill its legal and contractual obligations to our customers. Customers will be provided a small measure of rate relief through increased revenue streams from these additi Alternative(s): It is possible that some or all of this construction work could be outsourced to electrical

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utility construction companies. This alternative presents obstacles like logistics, compatible parts, quality control, and required electrical reviewers. These challenges negate any cost savings and sometimes take longer to construct.

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<b>Project No.</b>	<b>Project Title</b>	<b>Capacity</b>	<b>2019*</b>	<b>Location</b>
MC-CL-XP6385	Power Production - Network Controls	<p>Rationale: A 2003 Report from Westin Engineering identified limits to our automation, remote control and supervisory control capabilities at Skagit. Among other things, the report found that there are protocol issues within and between the facilities and between the facilities and the System Control Center.</p> <p>Improvements are necessary before supervisory control, such as remote start stop and remote loading can be achieved. The consequence of not coordinating all the individual controls and monitoring projects is that we will not resolve our protocol issues, and that we will continue to limit our ability to remotely control and operate the plants. This leads to reduced efficiencies and higher production costs.</p> <p>Project Weighted Rating-26.8, Primary Rationale-Reliability Alternative(s): Do nothing. This is not advisable as it can lead to higher maintenance costs and to unscheduled outages due to unforeseen catastrophic bearing failures. Do partial replacements. This has been the approach. However, there are incompatible pieces that cannot be replaced or replicated as some components are no longer in production. This results in greater potential of system failures due to outdated electronic components being run past their life or not updatable.</p>	1,267	500 Newhalem Creek Rd, Marblemount, WA 98267

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MC-CL- YD9202	Security Improvements	<p>Rationale: If Seattle City Light's Security Improvements Program is underfunded, its critical facilities face increased risk to sabotage, vandalism, theft, and terrorism that can result in the loss of valuable infrastructure for generation and distribution of power, as well as noncompliance with North American Reliability Council (NERC) 1200 Standards, adopted May 2, 2006, to improve security at critical facilities that house command and control systems. Curtailment of Seattle City Light's electric operations would impact reliability of the power system in the Pacific Northwest, create lost revenues, and jeopardize public safety and emergency response due to loss of lifeline services such as medical services, water and wastewater systems, communications, law enforcement, banking, transportation system, etc.</p> <p>Alternative(s): Option 1, Status Quo: No centralized security system. Operate local security systems in place and use local law enforcement and private security companies to address security on a limited basis. Use private security services and/or request additional assistance from local law enforcement during times when the Federal government has raised the alert level for the nation or region, or for a situation that has occurred requiring additional security services.</p> <p>Option 2, Centralized Security System: Seattle City Light installs security enhancements to delay,</p>	2,337	System Wide
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*\*Amounts in thousands of dollars*

**2019 - 2024 Proposed Capital Improvement Program**

Appendix A: New or Expanded Capital Facilities

		<p>detect, and respond to security intrusions at its critical facilities that are connected to a central security monitoring center that will be staffed by trained security guards on a 24/7 basis to monitor and respond to security incidents. Department wide response procedures will be established and coordination with local law enforcement will be established for responding to security incidents.</p>		
MC-CL-ZS8367	Small Overhead and Underground Services	<p>Rationale: There is a continuous demand for additional electric power services as new construction and renovation work occurs. Seattle City Light provides service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community focused organization. Alternative(s): Each service connection may have unique aspects that would require or facilitate design, construction, and financing alternatives. Seattle City Light will fully consider alternatives as a means to fulfill its commitment to be a customer and community-focused organization.</p>	5,591	System Wide
MC-CL-XP6600	SMT AutoLab	<p>Rationale: This project supports continued new cyber security and automation projects. The existing equipment lab is too small and the HVAC system doesn't adequately cool existing equipment. Alternative(s): The project will also look at enlarging the existing lab on SMT 35, as well as looking at alternate spaces to create a new lab. Existing IT labs will be considered.</p>	242	System Wide

*\*Amounts in thousands of dollars*

**2019 - 2024 Proposed Capital Improvement Program**

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-CL-ZT8475	Sound Transit - City Light System Upgrades	Rationale: Pursuant to its role as a utility in the State of Washington, City Light must supply Sound Transit with electric power. The system capacity work to be done under this project needs to be coordinated with City Light's other capacity planning work, so a comprehensive project will provide a better tool to manage work than would several piece-meal projects focussed on separate distribution feeder upgrades. As of the 1st quarter of 2016, some system planning work is being done on the separate Sound Transit Link projects. These separate but related efforts will probably be brought into this new project. Alternative(s): No Alternatives Provided.	0	City Wide
MC-CL-ZT8450	Sound Transit Light Rail East Link - City Light	Rationale: Sound Transit is in the preliminary stages of planning a light rail line running from Seattle's International District Station to the Bellevue Redmond area. As of 2Q2010, final decisions on the alignment to be chosen have not been made by Sound Transit and SCL has not begun engineering. Per Sound Transit's official communications, the current plan states that Sound Transit's board will select the final alignment for East LINK in 2011 after the EIS is completed. As of 2Q2010, SCL has pointed out that the main area of potential concern with its facilities is the	150	I-90/International District Station/I-90 Bridge

\*Amounts in thousands of dollars

## 2019 - 2024 Proposed Capital Improvement Program

## Appendix A: New or Expanded Capital Facilities

possible crossing under SCL's eastside transmission lines in SE Bellevue, depending on the location chosen for the East LINK alignment there. Until a final alignment is chosen, SCL anticipates that we will be acting in an advisory role. So far, discussions regarding the Seattle section of the East LINK alignment have proposed locating a station somewhere in the vicinity of the 23rd Ave E & Rainier Avenue S neighborhood. Also, current plans are that the line would not be underground between the International District Station and the I-90 Bridge, although all plans are subject to change ahead of the board's vote next year. Sound Transit estimates construction could then start in late 2013 or early 2014. SCL will develop engineering estimates and a complete budget, working with Sound Transit's project team, as more details of the project move forward. Depending on the final alignment, SCL will revise our FY2011 budget as needed to fit Sound Transit's time lines. As Sound Transit readies for the board's vote on the alignment, we will work with Sound Transit on an MOA regarding SCL cost reimbursement. It is anticipated that the project will be 100% reimbursable to SCL in keeping with past work with Sound Transit. Alternative(s): SCL must, if possible, facilitate the construction of this customer's project.

*\*Amounts in thousands of dollars*

**2019 - 2024 Proposed Capital Improvement Program**

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-CL-YS7751	Substation Capacity Additions	Rationale: We plan to design the feeder get-aways to carry power from substations as needed. Alternative(s): The alternatives to making capacity additions to existing substations are: 1. Accepting limitations on service to customers. 2. Successfully promoting voluntary power demand reductions. 3. Meeting capacity demand increases by new substations and transmission lines.	2,174	System Wide
MC-CL-XF9161	Substation Comprehensive Improvements	Rationale: 1. Reduce the risk to communications equipment and power network controls in order to sustain City Light's historically high system reliability. 2. Reduce workplace complaints among substation staff so that City Light maintains its harmonious relationship with electrical workers. Alternative (s): 1. Fund Program 9161. 2. Eliminate Program 9161 and make limited scope improvements in reaction to critical situations. 3. Eliminate Program 9161 and fund substation improvements out of other programs. 4. Make no improvements and finance increasing risk through insurance. 5. Eliminate Program 9161 and complete substation improvements as an O&M expense.	262	System Wide

\*Amounts in thousands of dollars

## 2019 - 2024 Proposed Capital Improvement Program



## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-CL-YS7755	Substations Demand Driven Improvements	Rationale: Requests from other agencies typically occur without enough notice to be included in the biennial budgeting process. The Power Stations Division budgets a nominal sum for each year to cover requests and to request spending authority. Alternative(s): The alternative to implementing regional demands is failing to meet City commitments to regional agreements.	5	System Wide
MC-CL-YR8360	Underground Customer Driven Capacity Additions	Rationale: This project adds capacity to the distribution system to accommodate increased load from new services. Alternative(s): The do nothing alternative leaves the existing system in place. New loads added to the system will adversely impact system reliability and voltage stability. It may be necessary, if the load increase is significant, to deny new service connections if the feeder capacity is inadequate.	2,981	System Wide
MC-CL-YN8201	Union Street Substation Networks	Rationale: The Union Street Substation Networks project provides sufficient and reliable electrical capacity for the growing power needs of our customers. It is a programmatic approach for comprehensive management of underground network assets (electrical and in some cases civil) serving customers in the area bounded by Yesler Street, Alaska Way, Pike Street, 6th Avenue, Union Street, the Freeway, University Street, 3rd Avenue and the Waterfront area from Denny to Yesler. The project	2,558	1312 Western AV

\*Amounts in thousands of dollars

## 2019 - 2024 Proposed Capital Improvement Program

## Appendix A: New or Expanded Capital Facilities

goal is to increase the capacity of present Union Street Substation network feeder cables to their ultimate service build out limit (an overall increase of 128 MVA) as determined by Union Substations transformer capacity, with allowances for feeder imbalances, feeder diversity and diversity among sub-networks. We will re-conductor and re-route four targeted service feeders by the end of 2008 and perform associated work such as feeder balancing. This includes the work in support of finishing the main stem build out and to address capacity issues in the branch portion of the feeder service cables as needed in response to specific service requests, as well as analyses of branch cable congested areas. Work in 2007 and 2008 as well as successive years is necessary to be able to pick up loads that will likely be transferred from Broad Street sub-networks in 5 years. To meet the projected new loads on the Waterfront and at specific downtown core sites we need to complete re-conductoring and re-routing of four targeted service feeders by the end of 2008 and perform associated work such as feeder balancing that will be transferred from Broad Street, and may be transferred from Massachusetts Street; build and energize a new network substation at least six years before all Downtown network capacity is used so that service cutovers can be done with minimal impact to our customers. This work is essential to meet near term

*\*Amounts in thousands of dollars*

### **2019 - 2024 Proposed Capital Improvement Program**

## Appendix A: New or Expanded Capital Facilities

load requirements of the SAM/WaMu and Four Seasons projects. This critical project Alternative(s): Alternatives include: 1. Do nothing. Make no improvements to system reliability or additions to feeder capacity. This would allow customer load to continue growing without commensurate additions to capacity of feeders serving this area, ultimately leading to multiple cable failures and extended customer outages. This would reduce the reliability of the network system from its present level, subjecting it to more lengthy outages. 2. Reduce customer demand for more load with demand side management measures. This alternative was evaluated in the Network Strategic Systems Plan and found to have negligible ability to reduce customer demand in the network area. 3. Increase capacity of network feeders incrementally, as little as possible and as close to near-term load requirements as possible. This is no longer feasible as the next increment of feeder capacity additions reach their final capacity targets. 4. Increase capacity of network feeders to the full limit of the substations capability to deliver power. 5. Add measures that improve system reliability to mitigate the severity of any network event. 6. Add measures that improve customer reliability by preventing the chain of events leading to major customer impacts.

**Seattle Public Utilities**

*\*Amounts in thousands of dollars*

**2019 - 2024 Proposed Capital Improvement Program**

## Seattle Public Utilities

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-SU- C4102-DWF	Alaskan Way Viaduct & Seawall - DWF	This project will relocate, replace and protect drainage and wastewater facilities affected by the replacement of the Alaskan Way Viaduct and Seawall with a new seawall and transportation facility.	13,529	SR 99 / Battery St
MC-SU- C5407	Asset Information Management	N/A	3,081	Various
MC-SU- C3812	Broadview Long-Term Plan	This program addresses neighborhood drainage and wastewater problems to improve system capacity or increase the existing level of service.	4,750	Broadview
MC-SU- C3611	CSO Facility Retrofit	This project will retrofit, upgrade, and modify existing Combined Sewer Overflow reduction facilities.	15,022	Various
MC-SU- C5402	Customer Contact & Billing	N/A	3,250	N/A
MC-SU- C3802	Drainage Capacity Program	This program will provide flood control and local drainage and wastewater projects in under-served parts of Seattle to improve system capacity or increase the existing level of service.	2,179	Various
MC-SU- C5403	Enterprise Information Management	N/A	1,300	Various
MC-SU- C3610	Green Stormwater Infrastructure Program	This project increases capacity to convey combined sewer flows by slowing stormwater flows and reducing volumes entering the combined system, this is achieved by slowing, infiltrating or reusing stormwater.	2,193	Citywide
MC-SU- C4116-DWF	Heavy Equipment Purchases - DWF	This project will replace existing heavy equipment and acquire new equipment.	2,376	Various

\*Amounts in thousands of dollars

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Public Utilities

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-SU- C4116-SWF	Heavy Equipment Purchases - SWF	This project will replace existing heavy equipment and acquire new equipment.	1,768	Various
MC-SU- C4116-WF	Heavy Equipment Purchases - WF	This project will replace existing heavy equipment and acquire new equipment.	3,183	Various
MC-SU- C4108-DWF	Integrated Control Monitoring Program - DWF	This program will upgrade the City's Supervisory Control and Data Acquisition (SCADA) computer system.	250	Various
MC-SU- C4108-WF	Integrated Control Monitoring Program - WF	This program will upgrade the City's Supervisory Control and Data Acquisition (SCADA) computer system.	360	Various
MC-SU- C5404	IT Infrastructure	N/A	1,537	N/A
MC-SU- C3604	Long Term Control Plan	This project will determine size and location of all future CSO control facilities within the City.	1,200	Various
MC-SU- C4101-DWF	Meter Replacement - DWF	This program replaces failing or obsolete water meters.	561	Citywide
MC-SU- C4119-DWF	Move Seattle - DWF	This program will fund projects for drainage and wastewater utility improvements and relocations associated with SDOT's "Move Seattle" program.	28,170	Various
MC-SU- C4119-WF	Move Seattle - WF	This program will fund projects for water utility improvements and relocations associated with SDOT's "Move Seattle" program.	17,563	Various
MC-SU- C1133	Multiple Utility Relocation	N/A	500	Citywide
MC-SU- C4106-DWF	Operational Facility - Construction - DWF	This program will renovate, rehabilitate, and replace existing buildings and construct new facilities at various locations to address deficiencies and functional changes in SPU's Lines of Business.	27,344	Citywide

\*Amounts in thousands of dollars

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Public Utilities

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-SU- C4106-SWF	Operational Facility - Construction - SWF	This program will renovate, rehabilitate, and replace existing buildings and construct new facilities at various locations to address deficiencies and functional changes in SPU's Lines of Business.	607	Citywide
MC-SU- C4106-WF	Operational Facility - Construction - WF	This program will renovate, rehabilitate, and replace existing buildings and construct new facilities at various locations to address deficiencies and functional changes in SPU's Lines of Business.	5,289	Citywide
MC-SU- C4105-WF	Operations Control Center - WF	This program will improve facilities at the Operations Control Center.	1,750	2700 Airport Way S
MC-SU- C4123-DWF	Other Major Tran Projects - DWF	This program will relocate, replace and protect drainage and wastewater infrastructure affected by major transportation projects.	750	Various
MC-SU- C4123-WF	Other Major Tran Projects - WF	This program will relocate, replace and protect water infrastructure affected by major transportation projects.	500	Various
MC-SU- C3708	Outfall Rehabilitation Program	N/A	1,551	Various
MC-SU- C5405	Project Delivery & Performance	N/A	2,050	N/A
MC-SU- C3703	Pump Station & Force Main Improvements	This program will provide wastewater pump station improvements, upgrades, repairs and rehabilitation.	15,585	Various
MC-SU- C1504	Regional Water Conservation	This project will extend SPU's water supply by up to 11 MGD using demand reduction from customer upgrades in water-using facilities and equipment to be more water efficient.	1,098	Citywide and Regional

\*Amounts in thousands of dollars

## 2019 - 2024 Proposed Capital Improvement Program

## Seattle Public Utilities

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2019*	Location
MC-SU-C3609	S Henderson CSO Storage	This project will construct or modify facilities to manage Combined Sewer Overflow control volumes totaling approximately 26 million gallons. Estimates are from the Draft CSO 2010 Plan Update.	29	S Henderson St.
MC-SU-C3804	Sanitary Sewer Overflow Capacity	This project will add capacity to the existing sanitary sewer collection system to improve service and accommodate growth.	3,303	Various
MC-SU-C5406	Science & System Performance	N/A	1,655	N/A
MC-SU-C1505	Seattle Direct Water Conservation	This project will upgrade water-using facilities to be more water efficient and accelerate conservation savings by 3 million gallons per day in conjunction with reservoir covering, other system efficiencies, and upgrades to low income customer facilities.	732	Citywide and Direct Service
MC-SU-C4113-DWF	Security Improvements - DWF	This program will provide increased security and protection at SPU facilities.	210	Citywide
MC-SU-C4113-SWF	Security Improvements - SWF	This program will provide increased security and protection at SPU facilities.	165	Citywide
MC-SU-C3503	Sediment Remediation - DWF	N/A	3,636	Various
MC-SU-C3806	South Park Stormwater Program	New PS and conveyance improvements increase capacity of piped drainage systems and reduce flooding; the WQF will treat up to 67 MG/yr of runoff.	5,407	698 S Riverside DR/Holden/Austin
MC-SU-C2302	South Transfer Station Rebuild	This project will replace the existing facility to increase the capacity to recycle more solid waste and improve the transfer capability of non-recyclable materials.	1,919	8100 2nd AVE S

\*Amounts in thousands of dollars

## 2019 - 2024 Proposed Capital Improvement Program

**Seattle Public Utilities****New or Expanded Capital Facilities**

<b>Project No.</b>	<b>Project Title</b>	<b>Capacity</b>	<b>2019*</b>	<b>Location</b>
MC-SU-C1134	Tank Improvements	N/A	2,476	Citywide
MC-SU-C1308	Tolt Bridges	Not applicable.	1	Tolt River Watershed
MC-SU-C1603	Upland Reserve Forest Restore	N/A	83	Cedar River Watershed
MC-SU-C1112	Water Infrastructure-New Hydrants	This project will improve fire protection by increasing the number of fire hydrants in the city.	13	Citywide
MC-SU-C1111	Water Infrastructure-Water Main Extensions	This project will install approximately 8,000 feet of new watermains per year.	879	Citywide

**Seattle Center****New or Expanded Capital Facilities**

<b>Project No.</b>	<b>Project Title</b>	<b>Capacity</b>	<b>2019*</b>	<b>Location</b>
MC-SC-S0501	Lot 2 Development	This project adds a 10,500 square foot skatepark.	0	5th Ave N/Republican St

*\*Amounts in thousands of dollars*

**2019 - 2024 Proposed Capital Improvement Program**



## DEPARTMENT OF PARKS AND RECREATION

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**Project ID:** MC-PR-21002  
**Project Title:** Major Projects Challenge Fund  
**Location:** Citywide  
**2019 Proposed Budget (000's):** \$1,723  
**Description:** This ongoing project provides funding to leverage community-generated funding for renovation or development of large projects of Parks' facilities where other City funding is unavailable, often times due to the magnitude of the project. These projects will require matching funds, so the leveraging will stretch the City's funding, and more great community-generated projects can be accomplished. The community will benefit from new and/or improved facilities that can better accommodate current and projected park and recreation needs and demands. This project is part of the Metropolitan Parks District measure put before voters in 2014.

**Project ID:** MC-PR-21005  
**Project Title:** Smith Cove Park Development  
**Location:** W Galer ST/23rd AVE W  
**2019 Proposed Budget (000's):** \$2,171  
**Description:** This project, funded by the MPD, develops the 4.9 acre waterfront portion of Smith Cove Park located just west of Pier 91 on Elliott Bay. The park will be developed following a planning and design process for the site. These amenities may include paths, landscaping, waterfront access points, a play area, and related improvements. Some improvements will also be made to the existing part of Smith Cove Park (west of this site), currently used for sports such as soccer. The improved park will provide waterfront access and ADA accessibility, provide enhanced opportunities for active recreation, increase environmental-sensitivity, and make the park inviting and usable for more people.

**Project ID:** MC-PR-21006  
**Project Title:** Aquarium Expansion  
**Location:** 1483 Alaskan WAY  
**2019 Proposed Budget (000's):** \$2,325  
**Description:** The Seattle Aquarium is owned by Seattle Parks and Recreation and operated by the non-profit Seattle Aquarium Society (SEAS). SEAS is planning a major expansion to the Aquarium's existing footprint to add new programming and visitor capacity. This project will provide a new 'Ocean Pavilion' that will integrate with improvements made by The Office of the Waterfront along the Central Waterfront. SEAS also intends to make improvements to piers 59 and 60 to improve exhibit space and operations efficiency. Design and construction of the project is led by SEAS and coordinated with City investments by the Parks Department and Office of the Waterfront. This project is part of the overall waterfront improvement program and appropriates City matching funds for SEAS' project. Funding depicted in the table below represents committed funding for design. The City has committed to

## Appendix B: Capital Projects passing the \$5 million threshold with the 2019 Proposed allocation.

provide up to \$34 million to SEAS for design and construction, contingent upon provision of a detailed funding plan for review by the City by 2018.

**Project ID:** MC-PR-21009  
**Project Title:** Athletic Field Improvements  
**Location:** Various  
**2019 Proposed Budget (000's):** \$600  
**Description:** This project is an ongoing program designed to improve Seattle Athletic Fields. Funding for these improvements is provided by various sources including Athletic Field revenues.

**Project ID:** MC-PR-41040  
**Project Title:** Lake City Community Center Improvements  
**Location:** 12531 28th Avenue NE  
**2019 Proposed Budget (000's):** \$2,000  
**Description:** This project provides for an architectural and engineering study to identify code compliance and design needs and cost estimates, and for implementation of the study to renovate the Lake City Community Center. Depending on the study results, specific renovations may include Americans with Disabilities Act accessibility compliance elements such as an elevator for access to the second floor, new windows and/or doors to the rear patio, signage, finishes, and related work. The renovations will improve access to the facility for all users, and make it more inviting and comfortable. This project also includes resources to support design and partial construction of new recreation spaces at the Community Center and other related work.

## FINANCE AND ADMINISTRATIVE SERVICES

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**Project ID:** MC-FA-DRVCLNFLT  
**Project Title:** Drive Clean Seattle Fleet Electric Vehicle Infrastructure  
**Location:** Multiple  
**2019 Proposed Budget (000's):** \$4,500  
**Description:** This project funds FAS's capital work efforts towards meeting the Drive Clean Seattle (DCS) initiative, a comprehensive transportation electrification strategy to transition Seattle's transportation sector from reliance on fossil fuels to the maximal use of clean, carbon-neutral electricity. Work at city facilities in 2019 and 2020 will include, but is not limited to, the design, permitting, and construction of 150 electric vehicle charging stations at the City-owned SeaPark location, as well as the development of charging stations at multiple other City facilities and properties, to provide capacity for the conversion of City fleet to electric vehicles.

**Project ID:** MC-FA-FASPDS  
**Project Title:** Customer Requested Tenant Improvement Program  
**Location:** Multiple

## Appendix B: Capital Projects passing the \$5 million threshold with the 2019 Proposed allocation.

**2019 Proposed** \$3,500

**Budget (000's):**

**Description:** This ongoing project provides for pass-through budget authority for FAS to perform all customer department tenant improvement work within FAS-owned and leased facilities. FAS has exclusive responsibility to manage all capital design and construction of tenant improvement work within FAS-owned/managed facilities. Typical improvements may include, but are not limited to, tenant space remodels, common elevator lobby area improvements, security system upgrades, and equipment/furniture replacement. FAS manages all phases of the capital improvement project, including master space planning, programming, test-fits and conceptual design, furniture procurement/space planning, design, bid, permitting, construction and close out.

**Project ID:** MC-FA-SMTCHLRPL

**Project Title:** Seattle Municipal Tower Chiller Plant Replacement

**Location:** 700 Fifth AVE

**2019 Proposed** \$6,500

**Budget (000's):**

**Description:** This project replaces the chiller plant in the Seattle Municipal Tower (SMT). The project will require a multi-year execution plan to allow for permitting, design, procurement and construction to occur during the windows of opportunity when cooling is not required. This highly technical, complex construction effort is a once-in-a generation endeavor. With a dwindling supply of spare parts for maintenance and repairs, it is no longer feasible to defer this critical work, and delaying the project would put FAS at risk of not being able to provide essential cooling to City of Seattle offices and other building tenants. Project costs shown here are exclusive of \$1 million expended on preliminary work on this project in 2018. Those funds are included in the Asset Preservation - Schedule 1 Facilities project (MC-FA-APSCH1FAC).

### SEATTLE CENTER

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**Project ID:** MC-SC-S0301

**Project Title:** Parking Repairs and Improvements

**Location:**

**2019 Proposed** \$6,500

**Budget (000's):**

**Description:** This ongoing project provides for the repair and improvement of Seattle Center's parking facilities. Typical improvements may include, but are not limited to, seismic upgrades, concrete repairs, garage resealing, elevator renovation and repair, signage and lighting improvements, installation of emergency phones, and installation of electronic parking access and revenue control systems.

### SEATTLE CITY LIGHT

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**Appendix B: Capital Projects passing the \$5 million threshold with the 2019 Proposed allocation.**

**Project ID:** MC-CL-XB6353  
**Project Title:** Boundary Powerhouse - Unit 54 Generator Rebuild  
**Location:** 10382 Boundary Rd, Metaline, WA 99153  
**2019 Proposed Budget (000's):** \$11,036  
**Description:** This project provides rewinding and refurbishing of the Boundary Powerhouse Unit 54 generator, which is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators. This project also provides replacement of the carbon dioxide fire-suppression system with a water sprinkler system to improve worker safety. If technology is sufficiently advanced, it may also include a rotor-mounted scanner or other diagnostic equipment.

**Project ID:** MC-CL-XS6373  
**Project Title:** Ross Dam - AC/DC Distribution System Upgrade  
**Location:** Milepost 128 State Highway 20  
**2019 Proposed Budget (000's):** \$1,248  
**Description:** This project upgrades aging AC electrical distribution system at Ross Dam with a new electrical distribution system. It installs conduit, ducting, distribution panels and wire. It improves the 4 kV system, improves lighting, and provides improvements on top of the dam including a center substation room, emergency generator, valve houses, and a 130-volt battery bank. New conduit and conductors improve reliability of spillgate operations and other dam operations requiring electric power. New electrical equipment, new lighting, and the addition of emergency lighting allow staff greater operational flexibility, safety, and efficiency.

**Project ID:** MC-CL-XS6540  
**Project Title:** Skagit - Boat Facility Improvements  
**Location:** Newhalem Creek Rd, Marblemount, WA 98267  
**2019 Proposed Budget (000's):** \$1,586  
**Description:** This project provides design and construction of several new structures to support industrial and recreational boat operations on our Skagit reservoirs. Structures include a new tour dock, new dry dock, additions to the existing boat houses and a new barge landing in Diablo. The project provides improved visitor access for the Skagit Boat Tour, safer boat fueling facilities, reduced impact of snowfall on boats, consolidated barge landings, and improved dry docks.

**Project ID:** MC-CL-XS6986  
**Project Title:** Skagit - Relicensing  
**Location:** Newhalem Creek Rd, Marblemount, WA 98267  
**2019 Proposed Budget (000's):** \$6,448  
**Description:** This ongoing project provides support of the relicensing activities for the Skagit River Hydroelectric Project including support of staff, environmental studies, documentation, and consultation needed to submit an application to relicense the project. Relicensing work will begin in 2019. The current Federal Energy Regulatory

## Appendix B: Capital Projects passing the \$5 million threshold with the 2019 Proposed allocation.

Commission (FERC) license for the Skagit Project expires in 2025, and the license application is due for submission to FERC in May 2023.

**Project ID:** MC-CL-YD9969  
**Project Title:** Enterprise Software Solution Replacement Strategy  
**Location:** Multiple  
**2019 Proposed Budget (000's):** \$9,147  
**Description:** This project upgrades or replaces components of the Enterprise Solution Portfolio for the Utility as prescribed by the preferred vendor, Oracle, or other vendor deemed more appropriate, which will maintain enterprise resources that benefit all customers in the City Light service area.

**Project ID:** MC-CL-ZT8471  
**Project Title:** Sound Transit Lynnwood - City Light  
**Location:** Multiple  
**2019 Proposed Budget (000's):** \$2,469  
**Description:** This project supports Sound Transit's Lynnwood Link, which will extend from the Northgate Transit Center at 5<sup>th</sup> Ave NE & NE 100th Street to our service area boundary at NE 200th Street, near the I-5 Right of Way. This project will include 100 blocks of relocations, a significant fraction of which will convert lines from overhead to underground. The project will install two feeders for each of the light rail line's traction power stations and upgrade the radial system's capacity where needed to serve the new load. The low and medium power service connections for the line's stations will be handled through the existing service projects.

## SEATTLE DEPARTMENT OF TRANSPORTATION

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**Project ID:** MC-TR-C012  
**Project Title:** Center City Gateway and South Michigan Street Intelligent Transportation Systems (ITS)  
**Location:** S Spokane ST/Western AVE/E Marginal Way  
**2019 Proposed Budget (000's):** \$1,827  
**Description:** The project will install traffic cameras, upgraded signals, vehicle detection devices and fiber communication in the Center City Gateway ITS and South Michigan Street ITS projects. A robust and reliable Intelligent Transportation System ensures that all modes of transportation can move through the City in a safe and sustainable manner.

**Project ID:** MC-TR-C081  
**Project Title:** Route 48 South Electrification  
**Location:** Multiple  
**2019 Proposed Budget (000's):** \$6,097

## Appendix B: Capital Projects passing the \$5 million threshold with the 2019 Proposed allocation.

### Budget (000's):

**Description:** This project will begin design of transit-related elements from Rainier Avenue South to NE 50th Street. The project includes two elements: 1) electrification of two gaps in the electric trolley network in order to convert King County Metro's Route 48 South to electric trolley bus operation and 2) transit operational, facility and access improvements along the two segments of Route 48 South. Elements could include bus stop improvements, thicker pavement at bus stops, upgrades to passenger amenities, and access improvements for pedestrians and cyclists connecting to bus stops.

## SEATTLE INFORMATION TECHNOLOGY

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**Project ID:** MC-IT-C9301

**Project Title:** Public Safety Tech Equipment

**Location:** 700 5<sup>th</sup> Ave

**2019 Proposed Budget (000's):** \$7,050

**Description:** This project funds the upgrades and replacement of hardware for the City of Seattle's Public Safety departments. These equipment upgrades will support the ongoing efforts to implement more modern, integrated solutions that will lead to safer, faster, and better incident resolution.

## SEATTLE PUBLIC UTILITIES

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**Project ID:** MC-SU-C1128

**Project Title:** Distribution System Improvements

**Location:** Citywide

**2019 Proposed Budget (000's):** \$3,500

**Description:** This ongoing project improves service reliability, pressure, capacity, and fire flow in the City's water distribution system. Typical improvements may include, but are not limited to, booster pump station installation, creation of new service zones, and tank elevation or replacement, as well as additional water main pipelines and pressure reducing valves. These improvements to service levels meet Washington Department of Health (DOH) regulations and SPU's Distribution System Pressure Policy to provide greater than 20 psi service pressure. These improvements provide higher flow of water for fire protection which improves public safety and results in smaller and shorter fires.

**Project ID:** MC-SU-C1208

**Project Title:** Cathodic Protection

**Location:** Citywide

**2019 Proposed Budget (000's):** \$4,646

**Description:** This ongoing project installs corrosion protection systems that prevent external corrosion of water transmission pipelines located in Seattle and throughout King

**Appendix B: Capital Projects passing the \$5 million threshold with the 2019 Proposed allocation.**

County. The cathodic protection systems extend the life of buried pipelines made of ductile iron, steel, and concrete cylinder pipe.

**Project ID:** MC-SU-C1505  
**Project Title:** Seattle Direct Water Conservation  
**Location:** Citywide and Direct Service  
**2019 Proposed Budget (000's):** \$732  
**Description:** This ongoing project provides water use efficiency resources to the City's low-income customers to implement water conservation measures authorized by Ordinance 120532, adopted in 2001, and supplements funding provided under SPU's Regional Water Conservation project (C1504). Typical improvements consist of, but are not limited to, installing water-efficient fixtures, such as aerating showerheads and faucets, low water use toilets and efficient clothes washers.

**Project ID:** MC-SU-C2302  
**Project Title:** South Transfer Station Rebuild  
**Location:** 8100 2nd AVE S  
**2019 Proposed Budget (000's):** \$1,919  
**Description:** This project transforms the existing South Recycling and Disposal Station to a recycling and reuse area. The existing transfer station building and associated facilities will be demolished and replaced with new recycling facilities, a reuse facility, parking and storage area for transfer trailers, and other solid waste facilities.

**Project ID:** MC-SU-C3314  
**Project Title:** Creek Culvert Replacement Program  
**Location:** Multiple  
**2019 Proposed Budget (000's):** \$2,379  
**Description:** This ongoing program provides for the repair and replacement of stream culverts that are part of SPU's critical drainage infrastructure. Culverts will be repaired or replaced based on system failure risks and benefits of the project, including flooding, risk of failure, operations and maintenance needs and benefits.

**Project ID:** MC-SU-C4113-WF  
**Project Title:** Security Improvements – WF  
**Location:** Multiple  
**2019 Proposed Budget (000's):** \$1,425  
**Description:** This ongoing project funds physical, integrated security system components on water infrastructure throughout the City. Components may include, but are not limited to, fences, gates, access control card readers, intercoms, lighting, door and hatch contacts, CCTV cameras, motion detection devices, and fiber and conduit.

**Project ID:** MC-SU-C4118-DWF  
**Project Title:** 1% for Arts – DWF

**Appendix B: Capital Projects passing the \$5 million threshold with the 2019 Proposed allocation.**

**Location:** Multiple  
**2019 Proposed Budget (000's):** \$1,084  
**Description:** This ongoing project provides the Drainage & Wastewater funding for Seattle Public Utilities' 1% for Arts contribution. Eligibility is determined at the individual project level, with payment occurring from this project. Funds contributed to the 1% for Art project allow the commission, purchase, and installation of art in City owned properties that is accessible to the public. The Municipal Arts Plan, which is prepared annually, describes the status of ongoing art projects and establishes the scope of work and allocations for new art projects.

**Project ID:** MC-SU-C5402  
**Project Title:** Customer Contact & Billing  
**Location:** NA  
**2019 Proposed Budget (000's):** \$3,250  
**Description:** This ongoing project provides technology solutions and business application upgrades in support of SPU's Customer Contact Center and activities carried out by the Customer Service Branch. Planned projects include, but are not limited to, enhancements to the New Customer Billing System and new technology solutions for enhanced customer contact management. This ongoing project is intended to enhance customer service, customer contact, and ensure accurate Utility billing.



## Appendix C: REET II Funding Report

Section 3(a) – Project pages as shown in the 2019-2024 Proposed Capital Improvement Program (CIP), which represents the City’s Capital Facilities Plan, demonstrate that adequate funding from all sources of public funding exists to pay for all capital projects for the succeeding two-year period.

Section 3(b)/(c) – The following table identifies how revenues collected under RCW 82.46.035 were programmed during the prior two-year period, the two-year period (2018 and 2019) where the City utilized the temporary provision for spending on housing the homeless, and the current planned spending for the succeeding two-year period. Anticipated spending for the periods 2020 and 2021 represents current projections and are subject to change based on actual revenues collected and to unanticipated asset preservation/major maintenance needs or changes in priorities. Not all anticipated revenues have been programmed in the CIP for 2021 and beyond to allow for addressing emergent needs that have yet to be identified.

Amounts are in thousands

Fund	Dept	Project Name *	Project ID *	2016 Adopted Budget	2017 Adopted Budget	2018 Adopted Budget	2019 Proposed Budget	2020 Proposed Budget	2021 Projected Budget
<b>Real Estate Excise Tax (REET II Capital Projects Fund (30020))</b>									
<b>Department of Parks and Recreation</b>									
		ADA Compliance - Parks	MC-PR-41031	-	-	-	2,000	1,000	-
		Aquarium - Pier 59 Piling Replacement and Aquarium Redevelopment Debt Service	MC-PR-31002	1,560	1,543	1,543	1,545	1,540	1,547
		Aquarium Expansion	MC-PR-21006	-	2,480	2,370	-	-	-
		Aquarium Major Maintenance Commitment	K732436	300	-	-	-	-	-
		Athletic Field Improvements	MC-PR-21009	-	2,647	1,566	-	-	-
		Ballfield Lighting Replacement Program	MC-PR-41009	-	100	500	-	-	500
		Ballfields - Minor Capital Improvements	MC-PR-41023	-	50	50	46	45	50
		Boiler and Mechanical System Replacement Program	MC-PR-41007	-	75	175	100	-	175
		Comfort Station Renovations	MC-PR-41036	-	300	-	-	-	660
		Community Center Rehabilitation & Development	MC-PR-41002	-	1,500	-	3,339	3,423	3,508
		Develop 14 New Parks at Land-Banked Sites	MC-PR-21003	-	-	-	-	1,300	-

**Appendix C: REET II Funding Report**

Fund	Dept	Project Name *	Project ID *	2016 Adopted Budget	2017 Adopted Budget	2018 Adopted Budget	2019 Proposed Budget	2020 Proposed Budget	2021 Projected Budget
		Electrical System Replacement Program	MC-PR-41008	-	150	150	100	100	150
		Environmental Remediation Program	MC-PR-41016	-	100	100	100	100	100
		Gas Works Park - Remediation	MC-PR-31007	-	210	790	-	-	670
		Improve Dog Off-Leash Areas	MC-PR-51002	-	-	100	-	-	-
		Irrigation Replacement and Outdoor Infrastructure Program	MC-PR-41020	-	300	300	250	250	550
		Lake City Community Center Improvements	MC-PR-41040	-	-	3,000	2,000	3,000	-
		Lake Union Park Remediation	MC-PR-41043	-	3,600	-	-	-	-
		Landscape Restoration Program	MC-PR-41017	-	430	430	264	264	430
		Loyal Heights Community Center Renovation	MC-PR-41038	-	197	1,671	-	-	-
		Loyal Heights Playfield Turf Replacement	MC-PR-41048	-	-	2,385	-	-	-
		Magnuson Community Center Improvements	K732511	-	-	1,150	-	-	-
		Major Maintenance Backlog and Asset Management	MC-PR-41001	-	-	-	4,723	4,841	4,962
		Neighborhood Capital Program	MC-PR-41015	207	59	90	498	-	-
		Neighborhood Response Program	MC-PR-41024	-	250	250	200	200	250
		Parks Central Waterfront Piers Rehabilitation	MC-PR-21007	-	470	10,150	730	1,987	-
		Pavement Restoration Program	MC-PR-41025	-	400	400	350	320	400
		Play Area Renovations	MC-PR-41039	488	-	-	-	-	1,000
		Play Area Safety Program	MC-PR-41018	-	150	150	75	75	150
		Roof & Building Envelope Program	MC-PR-41027	-	350	350	250	250	350
		Seattle Asian Art Museum Renovation	MC-PR-11002	-	3,800	-	-	-	-

**2019-2024 Proposed Capital Improvement Program**

**Appendix C: REET II Funding Report**

Fund	Dept	Project Name *	Project ID *	2016 Adopted Budget	2017 Adopted Budget	2018 Adopted Budget	2019 Proposed Budget	2020 Proposed Budget	2021 Projected Budget
		Tennis & Basketball Court Renovation Program	MC-PR-41019	-	100	100	100	75	100
		Trails Renovation Program	MC-PR-41026	-	350	350	350	350	350
		Urban Forestry - Forest Restoration Program	MC-PR-41022	-	200	200	200	200	200
		Urban Forestry - Green Seattle Partnership	MC-PR-41012	-	1,700	1,700	1,700	1,700	1,700
		Urban Forestry - Tree Replacement	MC-PR-41011	-	95	95	95	95	95
		Utility Conservation Program	MC-PR-41010	-	250	250	200	200	250
		Victor Steinbrueck Parking Envelope	MC-PR-41044	-	500	3,000	-	-	-
		Zoo Major Maintenance	MC-PR-41005	-	-	-	1,938	1,987	2,037
		City Hall Park Improvements	MC-PR-21012	-	-	-	500	-	-
		South Park Campus Improvements	MC-PR-21013	-	-	-	1,800	-	-
		Athletic Field Replacements	MC-PR-41070	-	-	-	1,120	2,116	3,590
		Green Lake Community Center & Evans Pool Replacement	MC-PR-41071	-	-	-	500	500	-
		Queen Anne Turf Field Replacement	MC-PR-41072	-	-	-	-	3,000	-
<b>Department of Parks and Recreation Total</b>				<b>2,555</b>	<b>22,356</b>	<b>33,365</b>	<b>25,073</b>	<b>28,918</b>	<b>23,774</b>
<b>Seattle Department of Transportation</b>									
		23rd Avenue Corridor Improvements	MC-TR-C037	-	-	-	943	60	-
		3rd Avenue Corridor Improvements	MC-TR-C034	708	-	-	-	-	-
		ADA Improvements “SDOT”	MC-TR-C069	432	-	-	-	-	-
		Alaskan Way Main Corridor	MC-TR-C072	1,840	-	-	-	-	-
		Arterial Asphalt & Concrete Program Phase II	MC-TR-C033	-	450	-	450	-	-
		Arterial Major Maintenance	MC-TR-C071	-	62	500	2,450	2,500	-

**2019-2024 Proposed Capital Improvement Program**

**Appendix C: REET II Funding Report**

Fund	Dept	Project Name *	Project ID *	2016 Adopted Budget	2017 Adopted Budget	2018 Adopted Budget	2019 Proposed Budget	2020 Proposed Budget	2021 Projected Budget
		Bike Master Plan - Greenways	MC-TR-C063	-	-	-	550	-	-
		Bike Master Plan - Protected Bike Lanes	MC-TR-C062	100	-	-	-	-	-
		Bridge Load Rating	MC-TR-C006	300	-	500	-	-	-
		Bridge Painting Program	MC-TR-C007	2,135	2,135	2,135	2,135	2,135	2,135
		Bridge Rehabilitation and Replacement Phase II	MC-TR-C039	595	-	-	-	-	-
		Debt Service - CRF	MO-TR-D003	1,348	1,306	812	814	815	814
		Elliott Bay Seawall Project	MC-TR-C014	13,100	10,000	-	-	-	-
		Hazard Mitigation Program - Areaways	MC-TR-C035	329	330	331	332	333	334
		Hazard Mitigation Program - Landslide Mitigation Projects	MC-TR-C015	200	200	1,200	200	200	200
		Market to MOHAI	MC-TR-C095	-	-	500	-	-	-
		Neighborhood Parks Street Fund - Your Voice, Your Choice	MC-TR-C022	1,793	1,941	1,910	1,446	-	-
		Next Generation Intelligent Transportation Systems (ITS)	MC-TR-C021	800	-	-	987	-	-
		Non-Arterial Street Resurfacing and Restoration	MC-TR-C041	650	1,150	1,150	1,150	1,150	1,150
		Pavement Microsurfacing	MC-TR-C023	500	-	-	-	-	-
		Pedestrian Master Plan - Crossing Improvements	MC-TR-C061	49	49	-	-	-	-
		Pedestrian Master Plan - New Sidewalks	MC-TR-C058	-	500	-	888	-	11
		Pedestrian Master Plan - Stairway Rehabilitation	MC-TR-C031	-	-	49	49	49	49
		Retaining Wall Repair and Restoration	MC-TR-C032	212	212	212	212	212	212

**2019-2024 Proposed Capital Improvement Program**

**Appendix C: REET II Funding Report**

Fund	Dept	Project Name *	Project ID *	2016 Adopted Budget	2017 Adopted Budget	2018 Adopted Budget	2019 Proposed Budget	2020 Proposed Budget	2021 Projected Budget
		S Lander St. Grade Separation	MC-TR-C028	-	5,000	-	369	5,248	-
		SDOT ADA Program	MC-TR-C057	-	-	-	2,300	2,500	-
		Sidewalk Safety Repair	MC-TR-C025	-	-	2,000	2,100	2,142	-
		Signal Major Maintenance	MC-TR-C026	1,013	-	-	-	-	-
<b>Seattle Department of Transportation Total</b>				<b>26,104</b>	<b>23,335</b>	<b>11,299</b>	<b>17,375</b>	<b>17,345</b>	<b>4,905</b>
<b>Misc City Programs/Projects</b>									
		StreetLighting	FG1	1,000					
		Debt Service - Capital Projects	FG2	2,752	1,306				
<b>Misc City Programs/Projects Total</b>				<b>3,752</b>	<b>1,306</b>				
<b>Spending on Homelessness</b>									
		Bridge Housing for Homelessness	HSD1			1,000			
		Low Income Housing Debt Service	HSD1				1,000		
<b>Spending on Homelessness Total</b>				<b>-</b>	<b>-</b>	<b>1,000</b>	<b>1,000</b>	<b>-</b>	<b>-</b>
<b>Real Estate Excise Tax (REET II) Total</b>				<b>32,411</b>	<b>46,997</b>	<b>45,664</b>	<b>43,448</b>	<b>46,262</b>	<b>28,679</b>

3(d) - The table below identifies the amounts and percentage of City resources allocated to capital projects.

Revenue Source	2018 \$ Amount	2018 %	2019 \$ Amount	2019 %
Real Estate Excise Tax II	45,664	4.1%	43,488	3.6%
Real Estate Excise Tax I	45,196	4.0%	42,590	3.5%
Federal Funds	38,824	3.5%	34,791	2.9%
King County Funding	12,076	1.1%	19,078	1.6%
Other City Funds	74,277	6.6%	73,873	6.1%
Other Local Govt	2,478	0.2%	10,253	0.8%
Private Funding	3,601	0.3%	6,689	0.6%
State Funding	12,455	1.1%	57,040	4.7%
Utility Funding	685,884	61.0%	709,294	58.5%
Bond Financed	54,567	4.9%	48,106	4.0%
Voter Approved Funds	149,135	13.3%	166,890	13.8%
<b>Total</b>	<b>1,124,157</b>	<b>100.0%</b>	<b>1,212,092</b>	<b>100.0%</b>



**1% for Art:** A program administered by the Office of Arts and Culture (ARTS) that sets aside one percent of eligible City capital improvement project funds for the commission, purchase, and installation of artworks.

**2000 Parks Levy (“Neighborhood Parks, Green Spaces, Trails, and Zoo Levy”):** A \$198.2 million, eight-year levy lid lift passed by Seattle voters in November 2000. The levy is designed to fund more than 100 park, open space, and recreation projects throughout the city.

**2008 Parks Levy (“Parks and Green Spaces Levy”):** A \$145.5 million, six-year levy lid lift passed by Seattle voters in November 2008. The levy was designed to fund park and green space acquisition, capital expansion and renovation of parks, and park facilities throughout the city.

**Americans with Disabilities Act (ADA):** A comprehensive civil rights law for people with disabilities, passed by the federal government in 1990.

**Allocation:** The expenditure amount planned for a particular project or service that requires additional legislative action, or “appropriation,” before expenditures are authorized.

**Appropriation:** A legal authorization granted by the City’s legislative authority (the City Council) to make expenditures and incur obligations for specific purposes.

**Asset Preservation (also known as Major Maintenance):** Capital improvement projects that involve major repairs or rehabilitation of existing City facilities.

**Capital Improvement Program (CIP):** Annual appropriations from specific funding sources are shown in the City’s budget for certain capital purposes, such as street improvements, building construction, and some types of facility maintenance. The CIP is a six-year allocation plan presented as a document separate from the Budget, that details all projects, fund sources, and expenditure amounts, including many multi-year projects that require funding beyond the one-year period of the annual Budget.

**Capital Projects Funds:** Funds with resources set aside to acquire or construct major capital facilities that allow the monitoring of revenues and expenditures of authorized voter approved and Councilmanic bonds and levies.

**Capital Projects Passing the \$5 million appropriation threshold with 2019 Allocations (Appendix B):** Pursuant to the 1999 settlement agreement in CLEAN, et. Al v. City of Seattle, the City has adopted policies regarding public notification when capital projects cross certain spending thresholds. Resolution 31203 updated those policies to require a list of all Capital Projects for which the City has cumulatively spent more than \$5 million with the adoption of the current annual Budget be published as an appendix to the Capital Improvement Program.

**Community Development Block Grant (CDBG):** An annual grant to Seattle and other local governments from the U.S. Department of Housing and Urban Development to support economic development projects, housing and services in low-income neighborhoods.

**Comprehensive Drainage Plan:** A Citywide drainage management program for capital improvements and ongoing maintenance. It establishes a monitoring program and identifies measures to control flooding and pollution, such as regulatory controls and public education.

**Cumulative Reserve Fund (CRF):** A significant source of ongoing local funding to support capital projects in general government departments. The CRF consists of two accounts: The Capital Projects Account and the Revenue Stabilization Account. The Capital Projects Account has three Funds: REET I Capital Projects Fund, REET II Capital Projects Fund, and the Unrestricted Cumulative Reserve Fund.

**Design Build Operate (DBO):** A non-conventional approach to implementation of major capital projects, wherein a single vendor is responsible for design, construction, and long-term operation of a facility.

**Debt Service:** Annual principal and interest payments that local government owes on money that it has borrowed.

**Endangered Species Act (ESA):** Legislation passed by the federal government in 1973 to conserve the ecosystems upon which endangered species depend upon, and to conserve and recover listed species.

**Fire Facilities and Emergency Response Levy:** A \$167 million, eight-year levy lid lift, approved by voters on November 4, 2003. The Levy includes funds for more than 40 projects to upgrade, renovate, or replace most of the City's fire stations, construct new support facilities for the Fire Department, construct a new Emergency Operations Center and Fire Alarm Center, procure two new fireboats and rehabilitate an existing one.

**Fund Balance:** The difference between the assets and liabilities of a particular fund. This incorporates the difference between the revenues and expenditures each year.

**General Fund:** A central fund into which most of the City's general tax revenues and discretionary resources are pooled and allocated to support many of the operations of City government. General Fund dollars appear in the CIP in two places: the General Fund contribution to the Cumulative Reserve Fund (if any), and appropriations to capital projects from a department's operating budget.

**Geographic Information System (GIS):** A tool that enables users to analyze and understand the spatial relationships among things that exist and occur in a given location. The results of geographic analysis can be communicated with maps and/or reports.

**Growth Management Act (GMA):** Passed by the state legislature in 1990, the Growth Management Act encourages strategic land use planning and provides protection for environmentally sensitive areas.

**Habitat Conservation Plan (HCP):** A 50-year commitment by the City and its Seattle Public Utilities to protect and restore the Cedar River Watershed.

**Leadership in Energy and Environmental Design (LEED):** A green building rating system for new and existing commercial, institutional, and multi-family residential buildings that evaluates environmental performance from a "whole building" perspective. There are four rating levels: Bronze, Silver, Gold, and Platinum.

**Levy Lid Lift:** An increase in regular property taxes for a general or designated purpose (See 2008 Parks Levy and Bridging the Gap for examples).

**Levy to Move Seattle:** A nine-year, \$930 million-dollar levy passed by voters in November of 2015. The levy provides funding to improve safety for all travelers, maintain streets and bridges, and invest in reliable, affordable travel options.



**Limited Tax General Obligation (“LTGO,” or “Councilmanic”) Bonds:** Bonds that are issued by the City Council without voter approval. The debt service on these bonds is typically repaid from existing general government revenues or from revenues generated by the project(s) financed with the bonds.

**Major Maintenance:** See “Asset Preservation” above.

**Municipal Art Plan:** A plan prepared by the Office of Arts and Culture that establishes budgets for new 1% for Art program projects and describes the status of existing projects.

**Neighborhood Matching Subfund (NMF):** A fund administered by the Department of Neighborhoods to provide money to Seattle neighborhood groups and organizations for neighborhood-initiated improvement, organizing, or planning projects. The community’s contribution of volunteer labor, materials, professional services or cash is “matched” by cash from the fund.

**Operating Budget:** That portion of a budget that deals with recurring expenditures such as salaries, electric bills, postage, printing, paper supplies, and gasoline.

**Public Works Trust Fund:** A low-interest state revolving loan fund designed to help local governments with the repair, replacement, and rehabilitation of public works infrastructure.

**REET I and REET II:** The Real Estate Excise Tax (REET) is levied on all sales of real estate with the first 0.25% of the locally imposed tax going to REET I and the second 0.25% for REET II.

**Seattle Metropolitan Park District:** In August 2014, voters passed a ballot measure creating the Seattle Metropolitan Park District. The goal of the park district is to provide long-term, stable funding to support recreation programming, parks projects and the critical needs for investment in major and ongoing maintenance. The Park District will provide over \$30 million annually for major maintenance and capital projects.

**Unlimited Tax General Obligation (“UTGO” or “voted”) Bonds:** Bonds issued after receiving approval by 60% of the voters in an election with at least a 40% turn-out. The debt service on these bonds is repaid from additional (“excess”) property tax revenues that voters approve as part of the bond measure.