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CITY OF  
*Seattle, Washington*

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**2018-2023 Proposed  
Capital Improvement Program**



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# CITY OF SEATTLE

## 2018 Proposed Capital Improvement Program

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**City of Seattle**  
**2018-2023 Proposed**  
**Capital Improvement Program**

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### Reader's Guide to the 2018-2023 Proposed Capital Improvement Program

The City of Seattle's 2018-2023 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 the majority of the CIP document, and contain detailed information on approximately 473 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. The Appendix lists new or expanded capital facilities, as required by the Growth Management Act.

### 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 2016; the 2017 revised budget (including 2017 Adopted Budget, carry-forward balances, abandonments, and supplemental appropriations); proposed 2018 appropriations; and estimated appropriation requests for 2019-2023. “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 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 2018-2023 Proposed CIP totals \$6.8 billion over six years, with approximately \$1.1 billion of that amount designated for the 2018 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
- pursue conservation and sustainability investments

Additional specific considerations include:

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

### **Capital Cabinet**

In 2016, the City formed a Capital Cabinet to establish a coordinated decision-making structure to guide the planning and implementation of infrastructure investments and address directly related significant non-infrastructure issues so that the City delivers high quality capital projects on scope, schedule and budget. The Office of Planning and Community Development (OPCD) and the City Budget Office (CBO) co-lead the Capital Cabinet. Cabinet members are directors from key capital departments and others to address outreach, and economic issues, including 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.

### **Geographical Focused Capital Investment**

In late 2016 and early 2017 the Capital Cabinet created two pilot focus areas for coordinated capital investment based on specific geographic areas. The current pilot areas are the Duwamish/Georgetown/South Park area and Chinatown/International District. These pilot groups are a collaboration of all capital departments, DON, OED, and other affected departments. They are generally co-led by staff members in OPCD and implementing department (the Office of Sustainability and Environment (OSE) for the Duwamish area and SDOT for Chinatown/ID). The result of this work includes several targeted capital investments in the Duwamish area, and renewed planning around the future of the Charles Street Shops in the Chinatown/ID.

### **CIP Development and Delivery Working Group**

In early 2017, the Capital Cabinet created the CIP Development and Delivery Working Group (Working Group). The Working Group, led by CBO, included project development and delivery and finance staff from each of the large capital departments (SDOT, SPU, SCL, FAS, and Office of the Waterfront) as well as input from Council Central Staff.

The goal of the Working Group was to develop a more uniform approach to capital project development and delivery across the organization. To date, this group has created a universal language for CIP Projects across the City. The Working Group finalized six common CIP project stages for which to categorize all discrete projects. Readers will notice that each project categorized as a discrete project will now display the *Current Project Stage*. The *Current Project Stage* will indicate the relative certainty of the project budget. The project stage definitions are defined in the Reader's Guide section of this document.

### **CIP Staged Oversight Pilot**

The 2018 Proposed Budget contains two pilot projects for capital project oversight by stage, or project phase: Ship Canal Water Quality Project (SPU project C361), and Delridge Multimodal Corridor (SDOT project TC367810). Both projects contain provisos that establish a Council reporting requirement before moving to the next stage of the project. 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 2018 Proposed Budget for more information on debt financing.

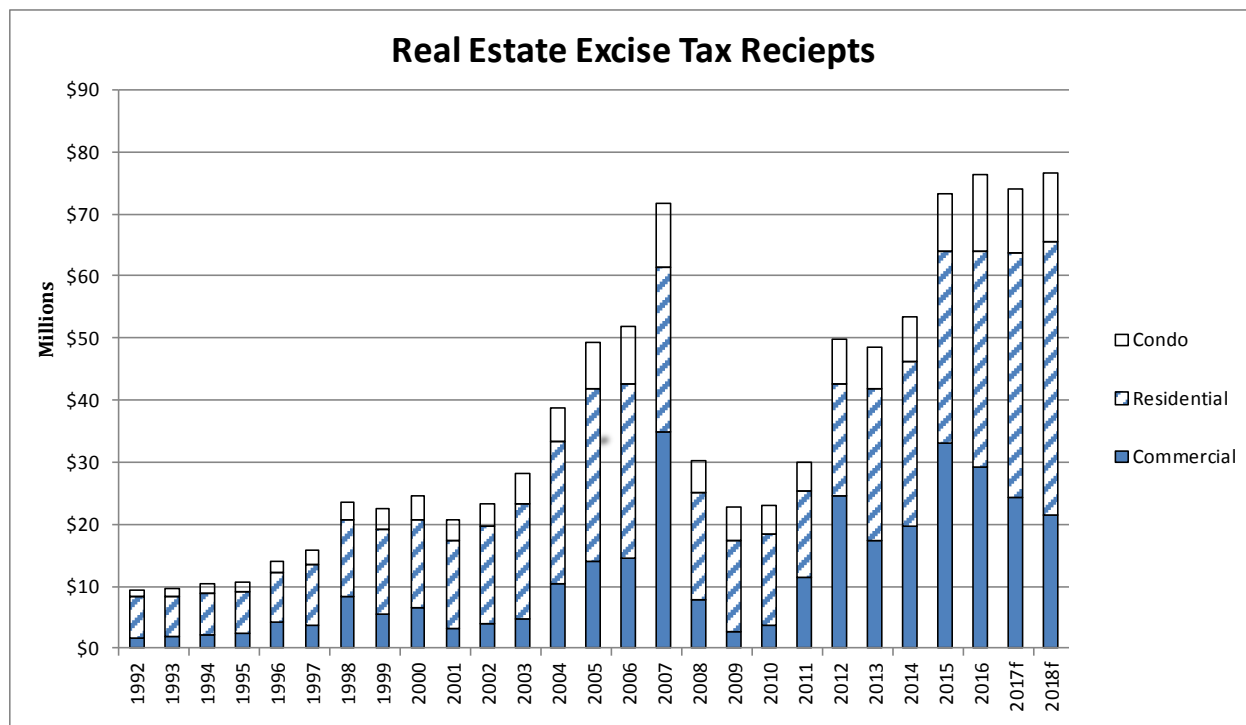
### **Public Utility Funding**

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 few years. The current REET forecast for 2018 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.



### Seattle’s Recent History – Major Voter-Approved 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:

- The 2015 Move Seattle Transportation Levy:** The Move Seattle Levy generated \$95 million in 2016, increasing every year until it reaches \$110.6 million in 2024. The levy proceeds will be used to support safe routes, congestion relief, and maintenance and repairs of our 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. The Move Seattle Levy replaced the 2006, \$365 million Bridging the Gap Levy
- 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 \$37 million in 2018 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 the Elliott Bay Seawall Project (from Washington Street

### 2018-2023 Proposed Capital Improvement Program

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 Seattle Department of Parks and Recreation.
- *The 2003 Fire Facilities and Emergency Response Levy:* A nine-year, \$167 million levy which supported upgrades to or replacement of the City’s 33 fire stations and renovations to the Chief Seattle fireboat and built a new Emergency Operations Center and a new Joint Training Facility. Work on the last remaining station to be constructed with levy funds, Fire Station 32, is expected to be completed in 2018.

### **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 currently 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 2018 Proposed Budget includes funding for modifications to the current Police North Precinct facility that will allow it to accommodate anticipated staffing for the next several years. It also includes funding for a multi-year project that will upgrade ventilation systems at 11 fire stations and the Joint Training Center.

#### **Transportation**

The City’s existing transportation network faces an extensive backlog of major maintenance. Current funding is not sufficient 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. In recent years, the Bridging the Gap transportation levy, which expired in 2015, provided a significant amount of funding to help address all these needs. In November of 2015, voters approved the nine-year \$930 million-dollar Move Seattle Levy that 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 WDOT 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 expected in Q4 2017. In addition, the Pike Place Market Front expansion opened in the summer of 2017.

#### *Funding*

The 2018-2023 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 in 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:** While FAS monitors and enforces fair and equitable treatment of workers in City construction contracts to protect workers, due to limited resources, it could



only focus on a small number of projects. 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 2018 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 new Appropriate Construction Workplace program, which will train, teach and enforce 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 2018 Proposed Budget maintains funding added in the 2016 Adopted Budget for contracts with pre-apprenticeship and training partners in support of the "Priority Hire" program. The program provides 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 2018 Proposed Budget adds funding for a WMBE Technical Business Center. It is anticipated that the Center will both provide WMBE firms with business and technical guidance that will allow them to compete more successfully for public projects and better equip them to participate in Priority Hire.

### **2018-2023 Proposed Capital Improvement Program Summary**

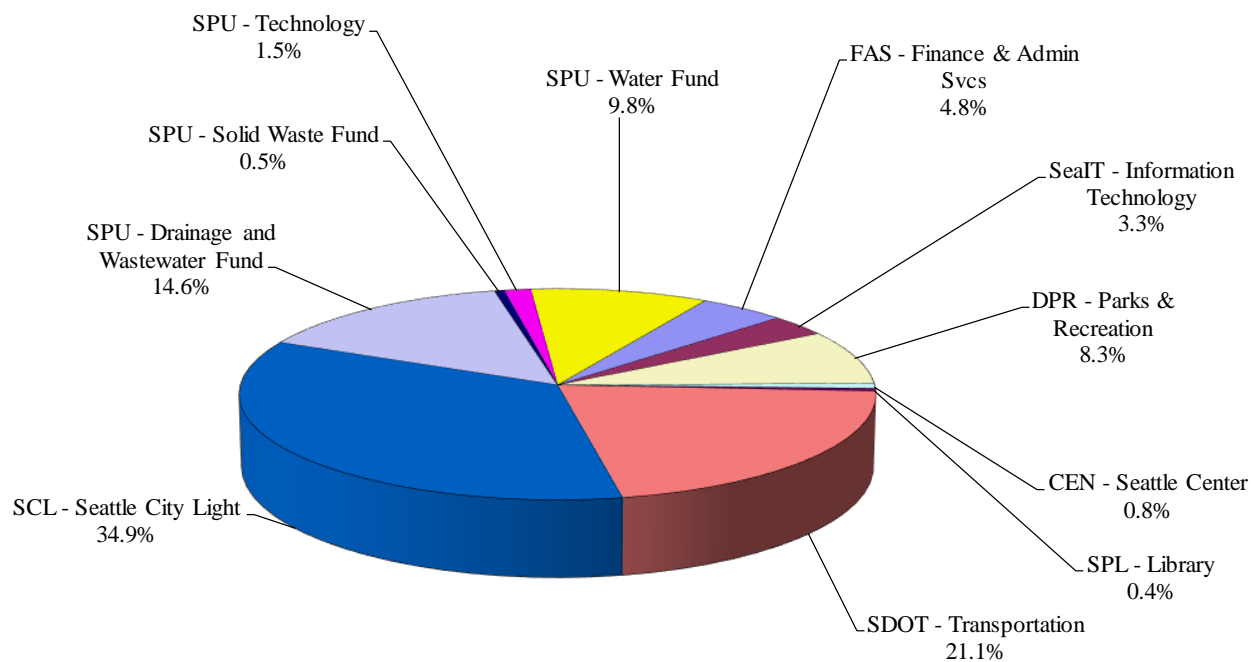
The 2018-2023 Proposed CIP totals \$6.8 billion for six years and includes approximately 473 projects. Approximately \$4.2 billion of the six-year total, or 62%, are utility projects managed by Seattle City Light (SCL) and Seattle Public Utilities (SPU), and mostly funded by utility rates. The Seattle Department of Transportation's CIP totals \$1.7 billion (26%) 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 \$813 million, or 12%, of the six-year CIP.

2018-2023 Proposed CIP by Department (000s)

Department	2017 Adopted	2018 Endorsed	2018 Proposed	2019 -2023 Estimate	2018-2023 Total
Finance and Admin Services	66,990	44,365	53,457	62,065	115,522
Information Technology	42,136	44,018	36,897	140,122	177,019
Parks and Recreation	79,405	84,380	92,489	375,840	468,329
Seattle Center	13,073	7,340	8,490	34,086	42,576
Seattle Public Library	5,557	4,322	4,622	4,882	9,504
Seattle Dept of Transportation	235,944	353,042	234,736	1,510,326	1,745,061
<b>Subtotal</b>	<b>443,105</b>	<b>537,467</b>	<b>430,690</b>	<b>2,127,321</b>	<b>2,558,011</b>
<b>City-owned Utilities</b>					
Seattle City Light	410,173	385,227	388,894	1,910,198	2,299,092
SPU - Drainage & Wastewater	125,910	158,106	162,643	1,109,071	1,271,714
SPU - Solid Waste	11,146	22,137	5,787	56,213	62,000
SPU - Technology Projects	28,783	16,322	16,409	51,000	67,409
SPU - Water	88,591	101,721	109,229	428,861	538,090
<b>Subtotal</b>	<b>664,603</b>	<b>683,512</b>	<b>682,961</b>	<b>3,555,343</b>	<b>4,238,304</b>
<b>City Total</b>	<b>1,107,708</b>	<b>1,220,980</b>	<b>1,113,652</b>	<b>5,682,664</b>	<b>6,796,315</b>

Note: 2017 Adopted totals are based on the 2017-2023 Adopted CIP. Not all funds above are appropriated; see the 2018 Proposed Budget for a list of capital appropriations by department.

2018 Proposed CIP by Department - \$1,114 Million



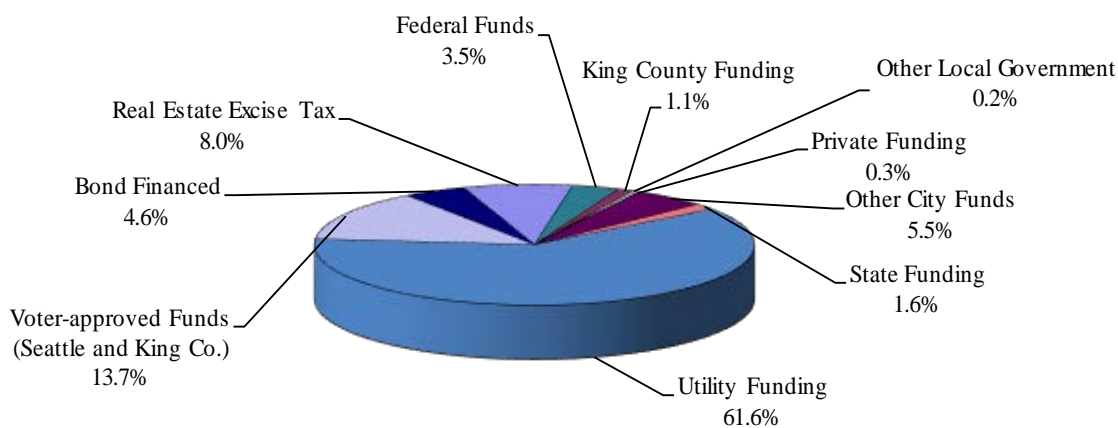
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The table below identifies funding sources for the 2018-2023 Proposed CIP by Revenue Source Group

**2018-2023 Proposed CIP Revenues (000s)**

Revenue Source Group	2017 Adopted	2018 Endorsed	2018 Proposed
Federal Funds	6,821	60,747	38,824
King County Funding	3,228	3,185	12,076
Other City Funds	86,386	61,436	60,822
Other Local Government	901	3,035	2,478
Private Funding	1,610	5,851	3,601
State Funding	31,370	21,889	17,483
To Be Determined	-	87,559	-
Utility Funding	669,866	695,933	685,884
Real Estate Excise Tax	88,433	70,327	89,143
Bond Financed	97,873	53,534	51,237
Voter-approved Funds (Seattle and King Co.)	121,221	157,483	152,102
<b>Grand Total</b>	<b>1,107,708</b>	<b>1,220,980</b>	<b>1,113,652</b>

**2018 Proposed CIP by Revenue Source - \$1,114 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 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 \$55 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.

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In 2018, the City will spend \$54 million from the Cumulative Reserve Subfund (CRS) and \$94 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 \$63 million on asset preservation for infrastructure in 2018.

**Cumulative Reserve Subfund**

The Cumulative Reserve Subfund (CRS) is a significant source of ongoing local funding to support capital projects in general government departments. This subfund 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 CRS spending.

The table below shows department allocations from CRS along with other special programs, including debt service payments, support for the Design Commission, Artwork Conservation and the City’s Tenant Relocation Assistance Program. Further explanations of these special programs can be found in the 2018 Proposed Budget.

**CRS Appropriations by Department (000s)**

Department	2018 Endorsed	2018 Proposed
Seattle Center	6,268	6,918
Seattle Department of Transportation	8,085	14,384
Seattle Public Library	550	550
Department of Parks and Recreation	37,775	44,555
Finance & Administrative Services	27,508	32,173
Cumulative Reserve Subfund Direct Spending	1,440	1,231
<b>Total</b>	<b>81,626</b>	<b>99,811</b>

**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 2018-2023 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 Subfund (CRS) for major maintenance projects identified through neighborhood outreach. That amount was increased by \$1 million of CRS resources in 2017 as part of the city’s commitment to neighborhoods. 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 2017 and the complete list of projects can be found on the [Your Voice, Your Choice](#) website. The Department of Parks and Recreation budget includes \$90,000 of CRS REET II funding and SDOT's budget includes \$1,910,000 of CRS REET II 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” (TC365770) and Parks project “Neighborhood Capital Program” (K732376).

**Neighborhood Matching Subfund**

The 2018 Proposed Budget maintains funding to [Neighborhood Matching Subfund](#) (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 up to \$100,000, and NMF funds can cover all phases of a capital project except property acquisition. The NMF program requires a 1/2:1 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 2018, the Municipal Art Fund is expected to receive approximately \$3.04 million from capital departments for the 1% for Art program, as described below. Actual 2018 receipts may vary because of project timing, expenditures and prior year credits.

	<b>2018</b>
<b>1% for Art Revenues</b>	<b>Proposed</b>
City Light	\$569,131
Seattle Public Utilities	\$921,546
Finance & Admin. Services	\$72,600
Seattle Center	\$2,250
Parks & Recreation	\$140,880
Transportation	\$1,302,928
<b>Total</b>	<b>\$3,009,335</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 Subfund.

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 Executive 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 polices include the following requirements:

As a result of the 2011 Sustainable Buildings and Sites Policy now in place:

- 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 2018-2023 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. A comprehensive survey of City facilities for ADA compliance, conducted in 2017, will be the basis for the City's ADA Transition Plan. That Plan 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. The 2018 Proposed Budget provides funding to support the development of a Citywide work-prioritization methodology and to address one or more high-priority projects that the methodology identifies.

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 Parks Department, 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



## Overview

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 (DPR) manages a 6,400-acre park system of over 485 parks and extensive natural areas. DPR 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 11% of the City's land area. DPR also manages many facilities, including 27 community centers, eight indoor swimming pools, two outdoor (summer) swimming pools, four 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 DPR's values of access, opportunity, sustainability and responsiveness and underlie the outcomes DPR 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.

### CIP Revenue Sources

Funds for the development of the system and for ongoing asset management come from a variety of sources. The Seattle Park District, passed by Seattle voters in 2014, provides a significant increase in funding for DPR capital projects. Other funding includes the 2008 Parks and Green Spaces Levy, the Cumulative Reserve Subfund, the Central Waterfront Improvement Fund, Councilmanic debt, and other special fund sources, grants, and private donations.

The funding sources used to cover annual debt service vary depending on the projects being debt financed: golf revenues are used to repay golf-related debt; a combination of aquarium revenues and REET pay for the debt service on the bonds used to renovate Pier 59; revenue from Magnuson Park rentals covers roughly half of the debt service for the renovations of Buildings 11 and 30; and the General Fund covers debt service for the rest of the DPR-related bonds.

#### ***Seattle Park District***

In August 2014, the voters of Seattle passed a ballot measure creating the Seattle Park District (a metropolitan park district). 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 Park District Board). In 2018, the Park District will generate \$37.9 million of revenue for DPR's capital budget with the largest component supporting asset preservation and major maintenance.

#### ***Cumulative Reserve Subfund***

The Cumulative Reserve Subfund (CRS) also provides funding for DPR's capital budget, and it is used for asset preservation purposes. This funding is provided by revenues from the real estate excise tax (REET). It is used to address various ongoing capital programs, such as boiler replacement, electrical system upgrades, small irrigation upgrades, athletic field and ballfield turf replacements 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; DPR will continue to spend down existing appropriations.

### **2018-2023 CIP Highlights**

The 2018 Capital Improvement Program (CIP) reflects a wide range of projects. The primary funding source is the Park District which provides \$37.9 million for capital projects in 2018. Additionally, the Cumulative Reserve Subfund (CRS) provides approximately \$44.6 million, through a combination of \$40.9 million in REET I and REET II, and \$3.7 million in CRS-Unrestricted. The majority of the remaining \$7.9 million in the CIP comes from a federal Community Development Block Grant (CDBG), the Central Waterfront Improvement Fund, the Alaskan Way Seawall Construction Fund, and King County.

DPR's 2018 CIP maintains a strong commitment to asset preservation. As such, the projects funded by REET are prioritized consistent with DPR's Asset Management Plan. Ongoing major maintenance projects address basic infrastructure needs across the system, such as environmental remediation, landscape and forest restoration, irrigation system repair, pavement restoration, and replacing major roof and HVAC systems. The 2018 CIP also provides REET for capital maintenance at the Seattle Asian Art Museum (\$5.0 million), Parks Central Waterfront Piers Rehabilitation (\$10.15 million), Victor Steinbrueck Park (\$3.0 million), Loyal Heights Community Center (\$1.7 million), and the Loyal Heights Playfield (\$2.4 million).

REET funding will also be used to support improvements at the Magnuson Community Center (\$1.15 million), design and partial construction of new recreation spaces at Lake City Community Center (\$3 million), expansion at the Aquarium (\$2.4 million), and a seating/enhanced landscape area at Cal Anderson Park in coordination with the Office of Arts & Culture (\$200,000) which will be part of the Seattle AIDS Legacy Memorial. DPR will also use \$100,000 of REET for enhancements to the South Park Community Center park space to help reduce air and noise pollution impacts; this funding is in addition to the already approved \$700,000 for the play area renovation. Finally, \$150,000 of REET will be used to design and build out space for the P-Patch Program to move from the Department of Neighborhoods to Parks and Recreation.

The Park District capital funding levels for 2018 total \$37.9 million. Significant Park District investments for 2018 include:

- working to address the major maintenance backlog (\$18.8 million);
- community center rehabilitation projects (\$3.5 million);
- making progress on the Green Seattle Partnership goal of restoring 2,500 acres of urban forestland by 2025 (\$2.3 million); and

- developing new parks at land-banked sites (\$4.8 million).

DPR will also use \$110,000 of Park District funds to make some basic infrastructure improvements to the land banked South Park Plaza site which will allow DPR to temporarily open and activate the space (currently an empty parking lot) earlier than planned. The final development of the park will not be completed until 2020. Please see the Duwamish Valley Program description in the Office of Sustainability and Environment Budget Overview for additional information on this work.

DPR will continue to use CDBG funds for the Seattle Conservation Corps in 2018. 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 2018, \$808,000 will be used to fund the SCC to improve parks through the Parks Upgrade Program.

### **Integration with Citywide 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 Seattle's Comprehensive Plan. There are parks-related policies included in multiple areas within the plan. DPR is currently updating its 2017 Parks and Open Space Plan to be consistent with Seattle 2035.

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. DPR's 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, including those outlined in the Green Seattle Partnership.

In addition to the City-wide Comprehensive Plan, there are myriad other plans for specific programs and amenities in the City that affect parks. DPR participates in shaping those plans to help continue developing an integrated open space and recreation system in Seattle.

DPR is also committed to developing and managing an environmentally-sustainable park system. DPR strives to apply conservation practices for energy and utilities in all facilities, effectively manage the use of water for irrigation and other purposes, create efficiently-maintained landscapes, and operate clean and safe park facilities.

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

### Project Selection Criteria

DPR's capital priorities are informed by two processes. First, in the planning and development of the Seattle Parks District, staff created a six-year 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 the 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, DPR 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. DPR 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, DPR reviews and updates the AMP. While DPR's 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 five criteria:

- **Code Requirements:** The project brings a facility or element up to federal, state, and Seattle code requirements (such as ADA, water quality, and 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 replacements, 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 a population with fewer options for alternatives (to be applied in 2017 for projects planned for 2019).

### Summary of Upcoming Budget Issues and Challenges

DPR has several large assets in need of attention beyond the capacity of the typical annual outlay of CRS funding. Waterfront Park (Pier 58) is deteriorated and load limits have been placed on its use. The metal reinforcement of the concrete promenade and gallery structures are deteriorated and seismically unsound. Piers 62 and 63 deteriorated to the point that the popular Summer Nights on the Pier concert series was cancelled after the 2004 season due to load limits and the need for major repairs.

The Office of the Waterfront is the City's lead agency responsible for waterfront-related project design and construction, including pier reconstruction as part of the redevelopment of the entire waterfront and the reconstruction of the seawall (as set forth in the 2012 Central Seawall Excess Levy). The total project cost is estimated at \$29 million, and DPR will contribute a combined \$4.4 million from the Park



District in 2019 and 2020. The Park District financial plan included funding for the operations and maintenance of waterfront parks starting in 2019, when these facilities were originally expected to open. With the tunneling delays, those facilities will not be open until 2021, allowing funds to be reallocated. The Park District Board approved this change in mid-2016.

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

Traditionally, DPR has not had sufficient resources to support ongoing asset management of the parks and recreation system, and over the years 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 1-3 years to complete. A backlog exists because the number of projects has historically outpaced funding.

Fortunately, in August 2014, Seattle voters passed the Seattle Parks District and nearly three quarters of the Park District funding will be used to support capital projects – of that, nearly half will address major maintenance. This is a substantial investment allowing DPR 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, DPR will establish six-year goals to show progress over the long term. By 2021, DPR plans to complete 118 major maintenance projects.

In conjunction with the above, DPR is prioritizing 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. In 2017, DPR worked with a vendor to launch a new Asset Management and Work Order System to further improve the tracking of capital assets. This system will allow DPR 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. DPR expects this new system to be the system of record for capital planning by the end of 2017.

## Department of Parks and Recreation Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total</b>
	<b>Actuals</b>								
<b>2008 Parks Levy - P-Patch Development</b>					<b>BCL/Program Code:</b>			<b>K720031</b>	
<u>Discrete</u>									
Community Food Gardens and P-Patches (K730031)	2,416	11	0	0	0	0	0	0	2,427
<b>2008 Parks Levy - P-Patch Development</b>	2,416	11	0	0	0	0	0	0	2,427
<b>2008 Parks Levy- Cultural Facilities</b>					<b>BCL/Program Code:</b>			<b>K720021</b>	
<u>Discrete</u>									
Langston Hughes Performing Arts Center Renovation-2008 Parks Levy (K730121)	3,479	137	0	0	0	0	0	0	3,616
Seattle Asian Art Museum Renovation (K730122)	0	14,000	5,000	0	0	0	0	0	19,000
<b>2008 Parks Levy- Cultural Facilities</b>	3,479	14,137	5,000	0	0	0	0	0	22,616
<b>2008 Parks Levy- Green Space Acquisition</b>					<b>BCL/Program Code:</b>			<b>K720011</b>	
<u>Ongoing</u>									
Green Space Acquisitions- 2008 Parks Levy (K730011)	9,042	439	0	0	0	0	0	0	9,481
<b>2008 Parks Levy- Green Space Acquisition</b>	9,042	439	0	0	0	0	0	0	9,481
<b>2008 Parks Levy- Major Parks</b>					<b>BCL/Program Code:</b>			<b>K720023</b>	
<u>Discrete</u>									
Washington Park Arboretum Improvements- 2008 Parks Levy (K730132)	2,923	1	0	0	0	0	0	0	2,924
<u>Ongoing</u>									
Major Parks- 2008 Parks Levy (K730023)	14	1	0	0	0	0	0	0	15
<b>2008 Parks Levy- Major Parks</b>	2,937	2	0	0	0	0	0	0	2,939
<b>2008 Parks Levy- Neighborhood Park Acquisition</b>					<b>BCL/Program Code:</b>			<b>K720010</b>	
<u>Ongoing</u>									
Neighborhood Park Acquisitions- 2008 Parks Levy (K730010)	21,068	3,837	0	0	0	0	0	0	24,905

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

### 2018 - 2023 Proposed Capital Improvement Program

<b>2008 Parks Levy- Neighborhood Park Acquisition</b>	21,068	3,837	0	0	0	0	0	0	24,905
<b>2008 Parks Levy- Neighborhood Parks and Playgrounds</b>	<b>BCL/Program Code:</b>							<b>K720020</b>	
<u>Discrete</u>									
14th Avenue NW Park Boulevard Development (NW 58th to NW 62nd) (K730176)	455	2,170	0	0	0	0	0	0	2,625
Bobby Morris Playfield Turf Replacement-2008 Levy (K730201)	914	155	0	0	0	0	0	0	1,069
Comfort Station Renovations-2008 Levy Phase 2 (K730192)	362	484	0	0	0	0	0	0	846
Emma Schmitz Sea Wall Replacement-2008 Levy (K730194)	2	648	0	0	0	0	0	0	650
Gas Works Park Play Area Renovation (K730089)	346	1,054	0	0	0	0	0	0	1,400
Green Lake Community Center Electrical and Mechanical Renovation- 2008 Levy (K730195)	25	1,191	0	0	0	0	0	0	1,216
Hiawatha Community Center Renovation-2008 Levy (K730196)	24	1,169	0	0	0	0	0	0	1,193
Hing Hay Park Development (K730091)	2,890	555	0	0	0	0	0	0	3,445
Lake Union Park Walkway Renovations-2008 Levy (K730197)	276	74	0	0	0	0	0	0	350
Magnuson Park Building #406 Roof Replacement- 2008 Levy (K730198)	22	1,330	0	0	0	0	0	0	1,352
Marra-Desimone Park Development (K730100)	232	868	0	0	0	0	0	0	1,100
Play Area Renovations- 2008 Levy (K730202)	175	718	0	0	0	0	0	0	893
Pratt Park Water Feature Renovation-2008 Levy (K730199)	5	509	0	0	0	0	0	0	514
Victor Steinbrueck Park Renovation (K730115)	377	1,223	0	0	0	0	0	0	1,600

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

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Ongoing

Neighborhood Parks & Playgrounds- 2008 Parks Levy (K730020)	128	817	0	0	0	0	0	0	945
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<b>2008 Parks Levy- Neighborhood Parks and Playgrounds</b>	6,233	12,965	0	0	0	0	0	0	19,198
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**Ballfields/Athletic Courts/Play Areas**

**BCL/Program Code:**

**K72445**

Discrete

Delridge Playfield Synthetic Turf Resurfacing (K732487)	0	0	0	0	4,321	0	0	0	4,321
Garfield Playfield Infield Synthetic Turf Resurfacing (K732489)	0	0	0	0	618	0	0	0	618
Genesee Playfield #1 Synthetic Turf Resurfacing (K732488)	0	0	0	0	1,521	0	0	0	1,521
Genesee Playfield #2 Synthetic Turf Resurfacing ( K732485 )	0	0	0	0	1,613	0	0	0	1,613
Georgetown Playfield Turf Replacement (K732456)	0	0	0	2,035	0	0	0	0	2,035
Hiawatha Playfield Synthetic Turf Resurfacing (K732486)	0	0	0	0	2,703	0	0	0	2,703
Interbay Stadium Synthetic Turf Replacement (K732451)	31	274	0	0	0	0	0	0	305
Jefferson Park PF Synthetic Turf Resurfacing (K732501)	0	0	0	0	0	0	3,407	0	3,407
Lower Woodland Park Playfield #2 Synthetic Turf Replacement (K732477)	0	0	0	1,977	0	0	0	0	1,977
Lower Woodland Park Playfield #7 Synthetic Turf Replacement (K732478)	0	0	0	1,483	0	0	0	0	1,483
Loyal Heights Playfield Turf Replacement (K732465)	0	0	2,385	0	0	0	0	0	2,385
Magnuson Park (5 Fields) Synthetic Turf Replacement ( K732479 )	0	0	0	4,628	4,628	0	0	0	9,256
Magnuson Park Athletic Field 12 Conversion (K732507)	0	0	0	0	0	0	0	7,522	7,522
Magnuson Park Field 13 Development ( K732508 )	0	0	0	0	0	0	0	7,522	7,522

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

**2018 - 2023 Proposed Capital Improvement Program**

Miller Playfield Synthetic Turf Replacement (K732475)	0	0	0	1,966	0	0	0	0	1,966	
Montlake PF Synthetic Turf Replacement (K732502)	0	0	0	0	0	0	1,431	0	1,431	
Queen Anne Bowl Playfield Turf Replacement (K732470)	0	0	0	1,120	0	0	0	0	1,120	
W Magnolia PF South Athletic Field Conversion (K732509)	0	0	0	0	0	0	0	8,534	8,534	
Walt Hundley PF Synthetic Turf Replacement (k732496)	0	0	0	0	0	1,713	0	0	1,713	
Washington Park PF Synthetic Turf Replacement (K732503)	0	0	0	0	0	0	2,498	0	2,498	
<u>Ongoing</u>										
Athletic Field Improvements (K732504)	0	2,647	1,866	600	600	600	600	600	7,513	
Ballfield Lighting Replacement Program (K732310)	2,998	100	500	500	500	500	500	500	6,098	
Ballfields - Minor Capital Improvements (K732415)	363	52	50	50	50	50	50	50	715	
Play Area Renovations (K732468)	120	2,380	1,000	1,000	1,000	1,000	1,000	1,000	8,500	
Play Area Safety Program (K732403)	818	180	150	150	150	150	150	150	1,898	
Tennis & Basketball Court Renovation Program (K732404)	302	113	100	100	100	100	100	100	1,015	
<b>Ballfields/Athletic Courts/Play Areas</b>	<b>4,632</b>	<b>5,746</b>	<b>6,051</b>	<b>15,609</b>	<b>17,804</b>	<b>4,113</b>	<b>9,736</b>	<b>25,978</b>	<b>89,669</b>	
<b>Building Component Renovations</b>							<b>BCL/Program Code:</b>	<b>K72444</b>		
<u>Discrete</u>										
Green Lake CC - Evans Pool Roof Replacement & Solar Hot Water (K732448)	208	1,464	0	0	0	0	0	0	1,672	
Joint Preschool Site and Tenant Improvements (K732498)	86	1,814	0	0	0	0	0	0	1,900	
Lake City Community Center Improvements (K732472)	82	454	0	0	0	0	0	0	536	

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

## 2018 - 2023 Proposed Capital Improvement Program

Loyal Heights Community Center Renovation (K732464)	0	197	1,671	0	0	0	0	0	1,868
Municipal Energy Efficiency Program - Parks (K732433)	631	232	0	0	0	0	0	0	863
Seattle Asian Art Museum Restoration (K732369)	2,012	88	0	0	0	0	0	0	2,100
Woodland Park Zoo Night Exhibit Renovation (K732506)	0	1,000	0	0	0	0	0	0	1,000
<u>Ongoing</u>									
ADA Compliance - Parks (K732434)	2,688	3,272	1,200	0	0	0	0	0	7,160
Boiler and Mechanical System Replacement Program (K732306)	1,337	67	175	175	175	175	175	175	2,454
Comfort Station Renovations (K732453)	308	2,011	660	660	660	660	660	660	6,279
Electrical System Replacement Program (K732307)	967	640	150	150	150	150	150	150	2,507
HVAC System Duct Cleaning Program - Large Buildings (K732421)	243	37	35	35	35	35	35	35	490
Roof & Building Envelope Program (K732420)	2,074	1,432	500	350	350	350	350	350	5,756
Utility Conservation Program (K732336)	2,954	660	355	355	355	355	355	355	5,744
<b>Building Component Renovations</b>	<b>13,590</b>	<b>13,368</b>	<b>4,746</b>	<b>1,725</b>	<b>1,725</b>	<b>1,725</b>	<b>1,725</b>	<b>1,725</b>	<b>40,329</b>
<b>Building For The Future - CIP</b>							<b>BCL/Program Code:</b>		<b>K720302</b>
<u>Discrete</u>									
Smith Cove Park Development (K730311)	208	1,069	3,018	1,950	0	0	0	0	6,245
<u>Ongoing</u>									
Activating and Connecting to Greenways (K730309)	145	260	210	215	221	226	231	237	1,745
Develop 14 New Parks at Land-Banked Sites (K730308)	365	9,932	5,030	2,892	407	0	0	0	18,626
Major Projects Challenge Fund (K730307)	74	3,166	1,681	1,723	1,766	1,810	1,855	1,902	13,977
Park Land Acquisition and Leverage Fund (K730306)	51	5,499	3,601	3,654	2,208	2,263	2,320	2,378	21,974
<b>Building For The Future - CIP</b>	<b>843</b>	<b>19,926</b>	<b>13,540</b>	<b>10,434</b>	<b>4,602</b>	<b>4,299</b>	<b>4,406</b>	<b>4,517</b>	<b>62,567</b>

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

## 2018 - 2023 Proposed Capital Improvement Program

<b>Citywide and Neighborhood Projects</b>					<b>BCL/Program Code:</b>			<b>K72449</b>	
<u>Discrete</u>									
Cal Anderson Park Landscape Improvement (K732510)	0	0	200	0	0	0	0	0	200
Danny Woo Improvements (K732505)	0	100	200	0	0	0	0	0	300
<u>Ongoing</u>									
Landscape Restoration Program (K732402)	2,753	724	430	430	430	430	430	430	6,057
Neighborhood Capital Program (K732376)	1,157	347	90	0	0	0	0	0	1,594
Neighborhood Response Program (K732416)	1,352	985	250	250	250	250	250	250	3,837
Park Acquisition and Development (K732497)	32	3,509	0	0	0	0	0	0	3,541
Trails Renovation Program (K732419)	2,278	365	350	350	350	350	350	350	4,743
<b>Citywide and Neighborhood Projects</b>	<b>7,572</b>	<b>6,030</b>	<b>1,520</b>	<b>1,030</b>	<b>1,030</b>	<b>1,030</b>	<b>1,030</b>	<b>1,030</b>	<b>20,272</b>
<b>Debt and Special Funding</b>					<b>BCL/Program Code:</b>			<b>K72440</b>	
<u>Debt Service</u>									
Aquarium - Pier 59 Piling Replacement and Aquarium Redevelopment Debt Service (K732283)	21,723	1,713	1,718	1,714	1,708	1,714	1,712	1,711	33,713
Hubbard Homestead Park (Northgate) Acquisition-Debt Service (K732321)	1,980	238	224	222	224	221	218	220	3,547
Parks Maintenance Facility Acquisition - Debt Service (K73502)	6,419	564	561	559	555	555	556	0	9,769
<u>Discrete</u>									
Golf Master Plan Implementation (K732391)	15,459	1,066	0	0	0	0	0	0	16,525
Puget Park - Environmental Remediation (K73127)	225	305	0	0	0	0	0	0	530
<u>Ongoing</u>									
Gas Works Park - Remediation (K73582)	2,686	643	790	800	420	200	200	200	5,939
Golf - Capital Improvements (K732407)	1,332	463	892	100	100	100	100	100	3,187
<b>Debt and Special Funding</b>	<b>49,824</b>	<b>4,992</b>	<b>4,185</b>	<b>3,395</b>	<b>3,007</b>	<b>2,790</b>	<b>2,786</b>	<b>2,231</b>	<b>73,210</b>
<b>Docks/Piers/Floats/Seawalls/Shorelines</b>					<b>BCL/Program Code:</b>			<b>K72447</b>	

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## 2018 - 2023 Proposed Capital Improvement Program

Discrete

Aquarium Expansion (K732492)	1,340	2,480	2,370	0	0	0	0	0	6,190
Emma Schmitz Sea Wall Replacement (K732454)	22	328	0	0	0	0	0	0	350
Parks Central Waterfront Piers Rehabilitation (K732493)	1,095	6,675	15,150	8,316	13,862	27,020	18,400	5,490	96,008

Ongoing

Beach Restoration Program (K732303)	588	265	25	25	25	25	25	25	1,003
Boat Moorage Restoration (K732408)	288	4,062	0	0	0	0	0	0	4,350

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<b>Docks/Piers/Floats/Seawalls/Shorelines</b>	<b>3,333</b>	<b>13,810</b>	<b>17,545</b>	<b>8,341</b>	<b>13,887</b>	<b>27,045</b>	<b>18,425</b>	<b>5,515</b>	<b>107,901</b>
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**Fix It First - CIP**

**BCL/Program Code:**

**K720300**

Ongoing

Aquarium Major Maintenance (K730303)	0	1,107	1,135	1,163	1,192	1,222	1,252	1,283	8,354
Community Center Rehabilitation & Development (K730301)	752	8,834	8,634	5,571	3,661	3,752	3,846	3,942	38,992
Major Maintenance Backlog and Asset Management (K730300)	531	18,998	18,819	19,289	19,771	20,265	20,772	21,291	139,736
Saving our City Forests (K730302)	2,542	2,260	2,308	2,365	2,425	2,486	2,548	2,611	19,545
Zoo Major Maintenance (K730304)	476	1,869	1,891	1,938	1,987	2,037	2,088	2,140	14,426

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<b>Fix It First - CIP</b>	<b>4,301</b>	<b>33,068</b>	<b>32,787</b>	<b>30,326</b>	<b>29,036</b>	<b>29,762</b>	<b>30,506</b>	<b>31,267</b>	<b>221,053</b>
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**Forest Restoration**

**BCL/Program Code:**

**K72442**

Discrete

Seward Park Forest Restoration (K732367)	902	152	90	0	0	0	0	0	1,144
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Ongoing

Urban Forestry - Forest Restoration Program (K732410)	1,105	385	200	200	200	200	200	200	2,690
Urban Forestry - Green Seattle Partnership (K732340)	9,414	3,504	1,700	1,700	1,700	1,700	1,700	1,700	23,118
Urban Forestry - Tree Replacement (K732339)	1,312	154	95	95	95	95	95	95	2,036

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<b>Forest Restoration</b>	<b>12,733</b>	<b>4,195</b>	<b>2,085</b>	<b>1,995</b>	<b>1,995</b>	<b>1,995</b>	<b>1,995</b>	<b>1,995</b>	<b>28,988</b>
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**2018 - 2023 Proposed Capital Improvement Program**



**Maintaining Parks and Facilities - CIP**

**BCL/Program Code:**

**K720301**

Ongoing

Improve Dog Off-Leash Areas (K730312)	0	189	212	115	117	120	123	126	1,002
Rejuvenate Our P-Patches (K730305)	264	241	210	215	221	226	232	238	1,847

**Maintaining Parks and Facilities - CIP**

	264	430	422	330	338	346	355	364	2,849
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**Opportunity Fund**

**BCL/Program Code:**

**K720041**

Discrete

East John Street Open Space Development (K730148)	117	143	0	0	0	0	0	0	260
Highland Park Playground Renovation (K730181)	129	245	0	0	0	0	0	0	374
Jimi Hendrix Park Improvements (K730146)	1,305	148	0	0	0	0	0	0	1,453
Lewis Park Natural Area Improvements (K730183)	704	226	0	0	0	0	0	0	930
Magnolia Manor Park Improvements (K730184)	275	127	0	0	0	0	0	0	402
Northwest Native Canoe Center Development (K730185)	21	729	0	0	0	0	0	0	750
Othello Park Improvements (K730186)	112	435	0	0	0	0	0	0	547
Rainier Beach Urban Farm and Wetlands Improvements (K730153)	1,576	1,717	0	0	0	0	0	0	3,293
Virgil Flaim Park Skatespot Development (K730182)	183	642	0	0	0	0	0	0	825
Washington Park Playfield Play Area Development (K730190)	171	194	0	0	0	0	0	0	365
Woodland Park Zoo Seattle Sensory Garden Development (K730188)	139	764	0	0	0	0	0	0	903
Yesler Terrace Neighborhood Park Development (K730203)	356	5,074	0	0	0	0	0	0	5,430

Ongoing

Opportunity Fund Acquisitions- 2008 Parks Levy (K730040)	7,852	652	0	0	0	0	0	0	8,504
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**2018 - 2023 Proposed Capital Improvement Program**

Opportunity Fund Development- 2008 Parks Levy (K730041)	8	100	0	0	0	0	0	0	108
<b>Opportunity Fund</b>	12,948	11,196	0	0	0	0	0	0	24,144
<b>Parks Infrastructure</b>	<b>BCL/Program Code:</b>							<b>K72441</b>	
<u>Discrete</u>									
Fountain Discharge Retrofit (K732444)	223	383	0	0	0	0	0	0	606
Lake Union Park Remediation (K732499)	0	3,600	0	0	0	0	0	0	3,600
Victor Steinbrueck Parking Envelope (K732500)	0	500	3,000	1,500	0	0	0	0	5,000
<u>Ongoing</u>									
Environmental Remediation Program (K732401)	617	182	100	100	100	100	100	100	1,399
Irrigation Replacement and Outdoor Infrastructure Program (K732406)	1,300	673	300	300	550	550	550	550	4,773
Parks Upgrade Program (K732422)	4,405	859	808	808	808	808	808	808	10,112
Pavement Restoration Program (K732418)	1,831	915	400	400	400	400	400	400	5,146
<b>Parks Infrastructure</b>	8,376	7,112	4,608	3,108	1,858	1,858	1,858	1,858	30,636
<b>SR520 Mitigation</b>	<b>BCL/Program Code:</b>							<b>K72451</b>	
<u>Discrete</u>									
Arboretum Waterfront Trail Renovation (K732484)	131	344	0	0	0	0	0	0	475
Bryant Site Development (K732480)	1,886	9,503	0	0	0	0	0	0	11,389
Washington Park Arboretum Trail Development (K732473)	4,696	3,114	0	0	0	0	0	0	7,810
<b>SR520 Mitigation</b>	6,713	12,961	0	0	0	0	0	0	19,674
<b>Department Total:</b>	170,304	164,225	92,489	76,293	75,282	74,963	72,822	76,480	802,858

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## 2018 - 2023 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Fund Summary

Fund Name & Code	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
2000 Parks Levy Fund (33850)	1,975	25	0	0	0	0	0	0	2,000
2008 Parks Levy Fund (33860)	55,423	28,233	0	0	0	0	0	0	83,656
2010 Multipurpose LTGO Bond Fund (35400)	859	4	0	0	0	0	0	0	863
2011 Multipurpose LTGO Bond Fund (35500)	2,503	24	0	0	0	0	0	0	2,527
2012 Multipurpose LTGO Bond Fund (35600)	3,970	272	0	0	0	0	0	0	4,242
2013 King County Parks Levy (36000)	356	3,315	2,552	1,660	0	0	0	0	7,883
2013 Multipurpose LTGO Bond Fund (35700)	2,094	416	0	0	0	0	0	0	2,510
2014 Multipurpose LTGO Bond Fund (36100)	5,425	136	0	0	0	0	0	0	5,561
2015 Multipurpose LTGO Bond Fund (36200)	1,349	651	0	0	0	0	0	0	2,000
Alaskan Way Seawall Construction Fund (35800)	6	1,447	1,850	0	0	0	0	0	3,303
Beach Maintenance Trust Fund (61500)	226	49	25	25	25	25	25	25	425
Central Waterfront Improvement Fund (35900)	250	3,197	2,700	6,014	10,610	27,000	18,400	5,490	73,661
Community Development Block Grant Fund (17810)	2,955	1,564	808	808	808	808	808	808	9,367
Community Improvement Contribution Fund (33120)	22	28	0	0	0	0	0	0	50
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	28,764	25,927	7,535	781	779	776	774	220	65,556
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	37,564	23,763	33,365	12,595	9,420	9,227	9,202	9,203	144,339
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	12,948	10,189	3,655	2,509	1,008	1,007	1,010	1,008	33,334
Emergency Subfund (00185)	21	0	0	0	0	0	0	0	21

*\*Amounts in thousands of dollars*

### 2018 - 2023 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Fund Summary

Fund Name & Code	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
Gasworks Park Contamination Remediation Fund (10220)	402	0	0	0	0	0	0	0	402
General Subfund (00100)	112	59	0	0	0	0	0	0	171
Open Spaces & Trails Bond Fund (33620)	273	32	0	0	0	0	0	0	305
Park Mitigation and Remediation Fund (33130)	6,713	12,961	0	0	0	0	0	0	19,674
Parks 2002 Capital Facilities Bond Fund (34610)	39	0	0	0	0	0	0	0	39
Parks and Recreation Fund (10200)	611	0	0	0	0	0	0	0	611
Parks Capital Fund (33140)	5,358	50,119	39,999	38,692	37,228	34,407	35,267	36,148	277,218
Seattle Preschool Levy Fund (17861)	86	1,814	0	0	0	0	0	0	1,900
To Be Determined (TBD)	0	0	0	13,209	15,404	1,713	7,336	23,578	61,240
<b>Department Total:</b>	<b>170,304</b>	<b>164,225</b>	<b>92,489</b>	<b>76,293</b>	<b>75,282</b>	<b>74,963</b>	<b>72,822</b>	<b>76,480</b>	<b>802,858</b>

*\*Amounts in thousands of dollars*

### 2018 - 2023 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>	K732283
<b>Start/End Date:</b>	2005-2025	<b>BCL/Program Code:</b>	K72440
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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>	\$37,149	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	13,088	1,541	1,543	1,545	1,540	1,547	1,542	1,543	23,889
Real Estate Excise Tax I	1,747	0	0	0	0	0	0	0	1,747
Private Funding/Donations	6,521	172	175	169	168	167	170	168	7,710
Private Funding/Donations	367	0	0	0	0	0	0	0	367
<b>Total:</b>	21,723	1,713	1,718	1,714	1,708	1,714	1,712	1,711	33,713
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	13,088	1,541	1,543	1,545	1,540	1,547	1,542	1,543	23,889
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,747	0	0	0	0	0	0	0	1,747
Cumulative Reserve Subfund - Unrestricted Subaccount	6,521	172	175	169	168	167	170	168	7,710
Parks and Recreation Fund	367	0	0	0	0	0	0	0	367
<b>Total:</b>	21,723	1,713	1,718	1,714	1,708	1,714	1,712	1,711	33,713

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	13,088	1,541	1,543	1,545	1,540	1,547	1,542	1,543	23,889
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,747	0	0	0	0	0	0	0	1,747
Cumulative Reserve Subfund - Unrestricted Subaccount	6,521	172	175	169	168	167	170	168	7,710
Parks and Recreation Fund	367	0	0	0	0	0	0	0	367
<b>Total:</b>	21,723	1,713	1,718	1,714	1,708	1,714	1,712	1,711	33,713
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 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>	K732321
<b>Start/End Date:</b>	2007-2027	<b>BCL/Program Code:</b>	K72440
<b>Project Category:</b>	New Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	1,980	238	224	222	224	221	218	220	3,547
<b>Total:</b>	1,980	238	224	222	224	221	218	220	3,547

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,980	238	224	222	224	221	218	220	3,547
<b>Total:</b>	1,980	238	224	222	224	221	218	220	3,547

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,980	238	224	222	224	221	218	220	3,547
<b>Total:</b>	1,980	238	224	222	224	221	218	220	3,547

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

**Parks Maintenance Facility Acquisition - Debt Service**

<b>Project Type:</b>	Debt Service	<b>Project No.:</b>	K73502
<b>Start/End Date:</b>	1999-2022	<b>BCL/Program Code:</b>	K72440
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	5,764	563	561	559	555	555	556	0	9,113
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
<b>Total:</b>	6,419	564	561	559	555	555	556	0	9,769

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	5,764	563	561	559	555	555	556	0	9,113
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
<b>Total:</b>	6,419	564	561	559	555	555	556	0	9,769

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

**2018 - 2023 Proposed Capital Improvement Program**



	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	5,764	563	561	559	555	555	556	0	9,113
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
<b>Total:</b>	6,419	564	561	559	555	555	556	0	9,769
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 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>	K730176
<b>Start/End Date:</b>	2012-2018	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	455	2,170	0	0	0	0	0	0	2,625
<b>Total:</b>	455	2,170	0	0	0	0	0	0	2,625

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	455	2,170	0	0	0	0	0	0	2,625
<b>Total:</b>	455	2,170	0	0	0	0	0	0	2,625

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	455	641	1,529	0	0	0	0	0	2,625
<b>Total:</b>	455	641	1,529	0	0	0	0	0	2,625

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	29	29	30	30	31	33	182

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

Aquarium Expansion

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732492
<b>Start/End Date:</b>	2015-TBD	<b>BCL/Program Code:</b>	K72447
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Docks/Piers/Floats/Seawalls/Shorelines
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	1483 Alaskan WAY
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	TBD	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	490	2,480	2,370	0	0	0	0	0	5,340
Real Estate Excise Tax I	600	0	0	0	0	0	0	0	600
Interfund Loan	250	0	0	0	0	0	0	0	250
<b>Total:</b>	1,340	2,480	2,370	0	0	0	0	0	6,190

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	490	2,480	2,370	0	0	0	0	0	5,340
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	600	0	0	0	0	0	0	0	600
Central Waterfront Improvement Fund	250	0	0	0	0	0	0	0	250
<b>Total:</b>	1,340	2,480	2,370	0	0	0	0	0	6,190

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

## 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	490	2,480	2,370	0	0	0	0	0	5,340
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	600	0	0	0	0	0	0	0	600
Central Waterfront Improvement Fund	250	0	0	0	0	0	0	0	250
<b>Total:</b>	1,340	2,480	2,370	0	0	0	0	0	6,190

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Arboretum Waterfront Trail Renovation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732484
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K72451
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
State Interlocal Revenues	131	344	0	0	0	0	0	0	475
<b>Total:</b>	131	344	0	0	0	0	0	0	475

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Park Mitigation and Remediation Fund	131	344	0	0	0	0	0	0	475
<b>Total:</b>	131	344	0	0	0	0	0	0	475

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Park Mitigation and Remediation Fund	131	82	262	0	0	0	0	0	475
<b>Total:</b>	131	82	262	0	0	0	0	0	475

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 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>	K730201
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	914	155	0	0	0	0	0	0	1,069
<b>Total:</b>	914	155	0	0	0	0	0	0	1,069

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	914	155	0	0	0	0	0	0	1,069
<b>Total:</b>	914	155	0	0	0	0	0	0	1,069

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	914	75	80	0	0	0	0	0	1,069
<b>Total:</b>	914	75	80	0	0	0	0	0	1,069

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Bryant Site Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732480
<b>Start/End Date:</b>	2013-2019	<b>BCL/Program Code:</b>	K72451
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	SR520 Mitigation
<b>Current Project Stage:</b>	Design	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
State Interlocal Revenues	1,886	9,503	0	0	0	0	0	0	11,389
<b>Total:</b>	1,886	9,503	0	0	0	0	0	0	11,389

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Park Mitigation and Remediation Fund	1,886	9,503	0	0	0	0	0	0	11,389
<b>Total:</b>	1,886	9,503	0	0	0	0	0	0	11,389

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Park Mitigation and Remediation Fund	1,886	902	6,400	2,201	0	0	0	0	11,389
<b>Total:</b>	1,886	902	6,400	2,201	0	0	0	0	11,389

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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

### Cal Anderson Park Landscape Improvement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732510
<b>Start/End Date:</b>	2018-2019	<b>BCL/Program Code:</b>	K72449
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Citywide and Neighborhood Projects
<b>Current Project Stage:</b>	Pre-Project Development	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	0	200	0	0	0	0	0	200
<b>Total:</b>	0	0	200	0	0	0	0	0	200

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	200	0	0	0	0	0	200
<b>Total:</b>	0	0	200	0	0	0	0	0	200

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	200	0	0	0	0	0	200
<b>Total:</b>	0	0	200	0	0	0	0	0	200

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 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>	K730192
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<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>	\$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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	362	484	0	0	0	0	0	0	846
<b>Total:</b>	362	484	0	0	0	0	0	0	846

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	362	484	0	0	0	0	0	0	846
<b>Total:</b>	362	484	0	0	0	0	0	0	846

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	362	400	84	0	0	0	0	0	846
<b>Total:</b>	362	400	84	0	0	0	0	0	846

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Community Food Gardens and P-Patches

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730031
<b>Start/End Date:</b>	2009-2018	<b>BCL/Program Code:</b>	K720031
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	2008 Parks Levy - P-Patch Development
<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	2017 REV	2018	2019	2020	2021	2022	2023	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	2017 REV	2018	2019	2020	2021	2022	2023	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	2017 REV	2018	2019	2020	2021	2022	2023	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

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			13	14	14	14	14	15	84

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Danny Woo Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732505
<b>Start/End Date:</b>	2017-2018	<b>BCL/Program Code:</b>	K72449
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Citywide and Neighborhood Projects
<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. The project is funded with REET funding.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	100	200	0	0	0	0	0	300
<b>Total:</b>	0	100	200	0	0	0	0	0	300

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	100	200	0	0	0	0	0	300
<b>Total:</b>	0	100	200	0	0	0	0	0	300

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	100	200	0	0	0	0	0	300
<b>Total:</b>	0	100	200	0	0	0	0	0	300

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Delridge Playfield Synthetic Turf Resurfacing

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732487
<b>Start/End Date:</b>	2020-2020	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	4458 Delridge WAY SW
<b>Neighborhood District:</b>	Delridge	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$4,321	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the synthetic turf field surfacing (approximately 210,160 s.f.) which was installed in 2010 and is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for soccer and other activities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	0	4,321	0	0	0	4,321
<b>Total:</b>	0	0	0	0	4,321	0	0	0	4,321

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	4,321	0	0	0	4,321
<b>Total:</b>	0	0	0	0	4,321	0	0	0	4,321

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	4,321	0	0	0	4,321
<b>Total:</b>	0	0	0	0	4,321	0	0	0	4,321

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

**East John Street Open Space Development**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730148
<b>Start/End Date:</b>	2012-2018	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Opportunity Fund
<b>Current Project Stage:</b>	Construction	<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>	\$260	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	117	143	0	0	0	0	0	0	260
<b>Total:</b>	117	143	0	0	0	0	0	0	260

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	117	143	0	0	0	0	0	0	260
<b>Total:</b>	117	143	0	0	0	0	0	0	260

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	117	138	5	0	0	0	0	0	260
<b>Total:</b>	117	138	5	0	0	0	0	0	260

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	7	8	8	9	10	12	54

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Emma Schmitz Sea Wall Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732454
<b>Start/End Date:</b>	2014-2019	<b>BCL/Program Code:</b>	K72447
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Docks/Piers/Floats/Seawalls/Shorelines
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	300	0	0	0	0	0	0	300
Miscellaneous Grants or Donations	22	28	0	0	0	0	0	0	50
<b>Total:</b>	22	328	0	0	0	0	0	0	350

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	300	0	0	0	0	0	0	300
Community Improvement Contribution Fund	22	28	0	0	0	0	0	0	50
<b>Total:</b>	22	328	0	0	0	0	0	0	350

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	72	226	2	0	0	0	0	300
Community Improvement Contribution Fund	22	28	0	0	0	0	0	0	50
<b>Total:</b>	22	100	226	2	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.*

### 2018 - 2023 Proposed Capital Improvement Program

	2018	2019	2020	2021	2022	2023	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.*

**2018 - 2023 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>	K730194
<b>Start/End Date:</b>	2014-2019	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	2	648	0	0	0	0	0	0	650
<b>Total:</b>	2	648	0	0	0	0	0	0	650

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	2	648	0	0	0	0	0	0	650
<b>Total:</b>	2	648	0	0	0	0	0	0	650

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	2	8	638	2	0	0	0	0	650
<b>Total:</b>	2	8	638	2	0	0	0	0	650

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



## Department of Parks and Recreation

**Fountain Discharge Retrofit**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732444
<b>Start/End Date:</b>	2012-2018	<b>BCL/Program Code:</b>	K72441
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Parks Infrastructure
<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>	\$606	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	223	277	0	0	0	0	0	0	500
Real Estate Excise Tax I	0	106	0	0	0	0	0	0	106
<b>Total:</b>	223	383	0	0	0	0	0	0	606

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	223	277	0	0	0	0	0	0	500
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	106	0	0	0	0	0	0	106
<b>Total:</b>	223	383	0	0	0	0	0	0	606

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	223	277	0	0	0	0	0	0	500
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	16	90	0	0	0	0	0	106
<b>Total:</b>	223	293	90	0	0	0	0	0	606

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	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.*

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Garfield Playfield Infield Synthetic Turf Resurfacing

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732489
<b>Start/End Date:</b>	2020-2020	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	2301 E Cherry ST
<b>Neighborhood District:</b>	Central	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$618	<b>Urban Village:</b>	23rd & Union-Jackson

This project replaces the synthetic turf field surfacing (approximately 30,000 s.f.) which was installed in 2010 and is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for soccer and other activities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	0	618	0	0	0	618
<b>Total:</b>	0	0	0	0	618	0	0	0	618

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	618	0	0	0	618
<b>Total:</b>	0	0	0	0	618	0	0	0	618

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	618	0	0	0	618
<b>Total:</b>	0	0	0	0	618	0	0	0	618

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Gas Works Park Play Area Renovation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730089
<b>Start/End Date:</b>	2013-2018	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	346	1,054	0	0	0	0	0	0	1,400
<b>Total:</b>	346	1,054	0	0	0	0	0	0	1,400

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	346	1,054	0	0	0	0	0	0	1,400
<b>Total:</b>	346	1,054	0	0	0	0	0	0	1,400

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	346	998	56	0	0	0	0	0	1,400
<b>Total:</b>	346	998	56	0	0	0	0	0	1,400

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Genesee Playfield #1 Synthetic Turf Resurfacing

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732488
<b>Start/End Date:</b>	2020-2020	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	4420 S Genesee ST
<b>Neighborhood District:</b>	Southeast	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$1,521	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the synthetic turf field surfacing (approximately 73,854 s.f.) which was installed in 2010 and is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for soccer and other activities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	0	1,521	0	0	0	1,521
<b>Total:</b>	0	0	0	0	1,521	0	0	0	1,521

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	1,521	0	0	0	1,521
<b>Total:</b>	0	0	0	0	1,521	0	0	0	1,521

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	1,521	0	0	0	1,521
<b>Total:</b>	0	0	0	0	1,521	0	0	0	1,521

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Genesee Playfield #2 Synthetic Turf Resurfacing

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732485
<b>Start/End Date:</b>	2020-2020	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	4420 S Genesee ST
<b>Neighborhood District:</b>	Southeast	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$1,613	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the synthetic turf field surfacing (approximately 78,310 s.f.) which was installed in 2010 and is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for soccer and other activities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	0	1,613	0	0	0	1,613
<b>Total:</b>	0	0	0	0	1,613	0	0	0	1,613

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	1,613	0	0	0	1,613
<b>Total:</b>	0	0	0	0	1,613	0	0	0	1,613

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	1,613	0	0	0	1,613
<b>Total:</b>	0	0	0	0	1,613	0	0	0	1,613

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Georgetown Playfield Turf Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732456
<b>Start/End Date:</b>	2019-2019	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	750 S HOMER ST
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$2,035	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the 109,000 square feet synthetic turf field surfacing which was installed in 2008 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	2,035	0	0	0	0	2,035
<b>Total:</b>	0	0	0	2,035	0	0	0	0	2,035

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	2,035	0	0	0	0	2,035
<b>Total:</b>	0	0	0	2,035	0	0	0	0	2,035

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	2,035	0	0	0	0	2,035
<b>Total:</b>	0	0	0	2,035	0	0	0	0	2,035

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Golf Master Plan Implementation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732391
<b>Start/End Date:</b>	2010-2018	<b>BCL/Program Code:</b>	K72440
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	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	3,970	272	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	5,425	136	0	0	0	0	0	0	5,561
General Obligation Bonds	1,349	651	0	0	0	0	0	0	2,000
<b>Total:</b>	15,459	1,066	0	0	0	0	0	0	16,525

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	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	3,970	272	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	5,425	136	0	0	0	0	0	0	5,561
2015 Multipurpose LTGO Bond Fund	1,349	651	0	0	0	0	0	0	2,000
<b>Total:</b>	15,459	1,066	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.

### 2018 - 2023 Proposed Capital Improvement Program



	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	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	3,970	272	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	5,425	0	136	0	0	0	0	0	5,561
2015 Multipurpose LTGO Bond Fund	1,349	0	651	0	0	0	0	0	2,000
<b>Total:</b>	15,459	279	787	0	0	0	0	0	16,525
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 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>	K732448
<b>Start/End Date:</b>	2013-2018	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Building Component Renovations
<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>	\$1,672	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	208	1,464	0	0	0	0	0	0	1,672
<b>Total:</b>	208	1,464	0	0	0	0	0	0	1,672

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	208	1,464	0	0	0	0	0	0	1,672
<b>Total:</b>	208	1,464	0	0	0	0	0	0	1,672

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	208	184	1,280	0	0	0	0	0	1,672
<b>Total:</b>	208	184	1,280	0	0	0	0	0	1,672

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

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

#### Levy

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730195
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	25	1,191	0	0	0	0	0	0	1,216
<b>Total:</b>	25	1,191	0	0	0	0	0	0	1,216

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	25	1,191	0	0	0	0	0	0	1,216
<b>Total:</b>	25	1,191	0	0	0	0	0	0	1,216

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	25	347	844	0	0	0	0	0	1,216
<b>Total:</b>	25	347	844	0	0	0	0	0	1,216

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	K730196
<b>Start/End Date:</b>	2014-2019	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	24	1,169	0	0	0	0	0	0	1,193
<b>Total:</b>	24	1,169	0	0	0	0	0	0	1,193

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	24	1,169	0	0	0	0	0	0	1,193
<b>Total:</b>	24	1,169	0	0	0	0	0	0	1,193

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	24	116	553	500	0	0	0	0	1,193
<b>Total:</b>	24	116	553	500	0	0	0	0	1,193

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Hiawatha Playfield Synthetic Turf Resurfacing

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732486
<b>Start/End Date:</b>	2020-2020	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	2700 California AVE SW
<b>Neighborhood District:</b>	Southwest	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$2,703	<b>Urban Village:</b>	Admiral District

This project replaces the synthetic turf field surfacing (approximately 131,200 s.f.) which was installed in 2010 and is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for soccer and other activities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	0	2,703	0	0	0	2,703
<b>Total:</b>	0	0	0	0	2,703	0	0	0	2,703

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	2,703	0	0	0	2,703
<b>Total:</b>	0	0	0	0	2,703	0	0	0	2,703

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	2,703	0	0	0	2,703
<b>Total:</b>	0	0	0	0	2,703	0	0	0	2,703

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

**Highland Park Playground Renovation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730181
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Opportunity Fund
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	1100 SW Cloverdale ST
<b>Neighborhood District:</b>	Delridge	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$374	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2008 Parks Levy Opportunity Fund, improves access into the park and improves play structures and equipment that adds to the diversity of play experiences in the neighborhood. The pedestrian flow will be emphasized when the new play elements are located within the park in order to create a cohesive space that improves the connection to the neighborhood. The renovation improves usability and safety.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	129	245	0	0	0	0	0	0	374
<b>Total:</b>	129	245	0	0	0	0	0	0	374

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	129	245	0	0	0	0	0	0	374
<b>Total:</b>	129	245	0	0	0	0	0	0	374

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	129	244	1	0	0	0	0	0	374
<b>Total:</b>	129	244	1	0	0	0	0	0	374

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	6	6	7	7	8	8	42

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Hing Hay Park Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730091
<b>Start/End Date:</b>	2013-2018	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	2,890	555	0	0	0	0	0	0	3,445
<b>Total:</b>	2,890	555	0	0	0	0	0	0	3,445

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	2,890	555	0	0	0	0	0	0	3,445
<b>Total:</b>	2,890	555	0	0	0	0	0	0	3,445

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	2,890	488	67	0	0	0	0	0	3,445
<b>Total:</b>	2,890	488	67	0	0	0	0	0	3,445

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	24	25	25	26	26	27	153

*\* 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

### Interbay Stadium Synthetic Turf Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732451
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Closeout	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax I	31	274	0	0	0	0	0	0	305
Miscellaneous Grants or Donations	0	0	0	0	0	0	0	0	0
<b>Total:</b>	31	274	0	0	0	0	0	0	305

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	31	274	0	0	0	0	0	0	305
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0	0
<b>Total:</b>	31	274	0	0	0	0	0	0	305

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program



	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	31	0	274	0	0	0	0	0	305
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0	0
<b>Total:</b>	31	0	274	0	0	0	0	0	305

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Jefferson Park PF Synthetic Turf Resurfacing

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732501
<b>Start/End Date:</b>	2022-2022	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	3801 Beacon Ave S
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	2
<b>Total Project Cost:</b>	\$3,407	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the 150,000 square foot synthetic turf field surfacing which was installed in 2012, and performs related work. The surfacing material is near the end of its lifecycle and needs to be replaced. This improvement allows the continued use and scheduling of the playfield for soccer and other activities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	0	0	0	3,407	0	3,407
<b>Total:</b>	0	0	0	0	0	0	3,407	0	3,407

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	0	0	3,407	0	3,407
<b>Total:</b>	0	0	0	0	0	0	3,407	0	3,407

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	0	0	3,407	0	3,407
<b>Total:</b>	0	0	0	0	0	0	3,407	0	3,407

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

**Jimi Hendrix Park Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730146
<b>Start/End Date:</b>	2011-2018	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Opportunity Fund
<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>	\$1,453	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
King County Funds	63	37	0	0	0	0	0	0	100
Seattle Voter-Approved Levy	453	47	0	0	0	0	0	0	500
Private Funding/Donations	789	64	0	0	0	0	0	0	853
<b>Total:</b>	1,305	148	0	0	0	0	0	0	1,453

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	1,305	148	0	0	0	0	0	0	1,453
<b>Total:</b>	1,305	148	0	0	0	0	0	0	1,453

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	1,305	119	29	0	0	0	0	0	1,453
<b>Total:</b>	1,305	119	29	0	0	0	0	0	1,453

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	11	12	12	13	13	13	74

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Joint Preschool Site and Tenant Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732498
<b>Start/End Date:</b>	2016-2018	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Building Component Renovations
<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>	\$1,900	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Preschool Program Levy Funds	86	1,814	0	0	0	0	0	0	1,900
<b>Total:</b>	86	1,814	0	0	0	0	0	0	1,900

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Seattle Preschool Levy Fund	86	1,814	0	0	0	0	0	0	1,900
<b>Total:</b>	86	1,814	0	0	0	0	0	0	1,900

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Seattle Preschool Levy Fund	86	1,814	0	0	0	0	0	0	1,900
<b>Total:</b>	86	1,814	0	0	0	0	0	0	1,900

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Lake City Community Center Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732472
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Building Component Renovations
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	12531 28th Avenue NE
<b>Neighborhood District:</b>	North	<b>Council District:</b>	5
<b>Total Project Cost:</b>	\$536	<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.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	82	454	0	0	0	0	0	0	536
<b>Total:</b>	82	454	0	0	0	0	0	0	536

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	82	454	0	0	0	0	0	0	536
<b>Total:</b>	82	454	0	0	0	0	0	0	536

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	82	254	200	0	0	0	0	0	536
<b>Total:</b>	82	254	200	0	0	0	0	0	536

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Lake Union Park Remediation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732499
<b>Start/End Date:</b>	2017-2018	<b>BCL/Program Code:</b>	K72441
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Parks Infrastructure
<b>Current Project Stage:</b>	Construction	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	3,600	0	0	0	0	0	0	3,600
<b>Total:</b>	0	3,600	0	0	0	0	0	0	3,600

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	3,600	0	0	0	0	0	0	3,600
<b>Total:</b>	0	3,600	0	0	0	0	0	0	3,600

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	3,552	48	0	0	0	0	0	3,600
<b>Total:</b>	0	3,552	48	0	0	0	0	0	3,600

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 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>	K730197
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	860 Terry AVE N
<b>Neighborhood District:</b>	Lake Union	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$350	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	276	74	0	0	0	0	0	0	350
<b>Total:</b>	276	74	0	0	0	0	0	0	350

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	276	74	0	0	0	0	0	0	350
<b>Total:</b>	276	74	0	0	0	0	0	0	350

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	276	73	1	0	0	0	0	0	350
<b>Total:</b>	276	73	1	0	0	0	0	0	350

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 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>	K730121
<b>Start/End Date:</b>	2009-2018	<b>BCL/Program Code:</b>	K720021
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	2008 Parks Levy- Cultural Facilities
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
State Grant Funds	449	0	0	0	0	0	0	0	449
Seattle Voter-Approved Levy	3,030	137	0	0	0	0	0	0	3,167
<b>Total:</b>	3,479	137	0	0	0	0	0	0	3,616

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	449	0	0	0	0	0	0	0	449
2008 Parks Levy Fund	3,030	137	0	0	0	0	0	0	3,167
<b>Total:</b>	3,479	137	0	0	0	0	0	0	3,616

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	449	0	0	0	0	0	0	0	449
2008 Parks Levy Fund	3,030	126	11	0	0	0	0	0	3,167
<b>Total:</b>	3,479	126	11	0	0	0	0	0	3,616

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

**2018 - 2023 Proposed Capital Improvement Program**



	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	4	4	5	5	6	6	30

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Lewis Park Natural Area Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730183
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Opportunity Fund
<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>	\$930	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	704	226	0	0	0	0	0	0	930
<b>Total:</b>	704	226	0	0	0	0	0	0	930

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	704	226	0	0	0	0	0	0	930
<b>Total:</b>	704	226	0	0	0	0	0	0	930

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	704	225	1	0	0	0	0	0	930
<b>Total:</b>	704	225	1	0	0	0	0	0	930

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	4	5	5	6	6	7	33

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Lower Woodland Park Playfield #2 Synthetic Turf Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732477
<b>Start/End Date:</b>	2019-2019	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	1000 N 50th ST
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	6
<b>Total Project Cost:</b>	\$1,977	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the 100,800 square foot synthetic turf field surfacing which was installed in 2009, 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, lacrosse, and other activities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	1,977	0	0	0	0	1,977
<b>Total:</b>	0	0	0	1,977	0	0	0	0	1,977

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	1,977	0	0	0	0	1,977
<b>Total:</b>	0	0	0	1,977	0	0	0	0	1,977

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	1,977	0	0	0	0	1,977
<b>Total:</b>	0	0	0	1,977	0	0	0	0	1,977

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Lower Woodland Park Playfield #7 Synthetic Turf Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732478
<b>Start/End Date:</b>	2019-2019	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	1000 N 50th ST
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	6
<b>Total Project Cost:</b>	\$1,483	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the 75,600 square foot synthetic turf field surfacing which was installed in 2009, 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, lacrosse, and other activities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	1,483	0	0	0	0	1,483
<b>Total:</b>	0	0	0	1,483	0	0	0	0	1,483

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	1,483	0	0	0	0	1,483
<b>Total:</b>	0	0	0	1,483	0	0	0	0	1,483

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	1,483	0	0	0	0	1,483
<b>Total:</b>	0	0	0	1,483	0	0	0	0	1,483

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Loyal Heights Community Center Renovation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732464
<b>Start/End Date:</b>	2017-2019	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Building Component Renovations
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	197	1,671	0	0	0	0	0	1,868
<b>Total:</b>	0	197	1,671	0	0	0	0	0	1,868

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	197	1,671	0	0	0	0	0	1,868
<b>Total:</b>	0	197	1,671	0	0	0	0	0	1,868

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	65	1,671	132	0	0	0	0	1,868
<b>Total:</b>	0	65	1,671	132	0	0	0	0	1,868

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Loyal Heights Playfield Turf Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732465
<b>Start/End Date:</b>	2018-2018	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	2,385	0	0	0	0	0	2,385
<b>Total:</b>	0	0	2,385	0	0	0	0	0	2,385

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	2,385	0	0	0	0	0	2,385
<b>Total:</b>	0	0	2,385	0	0	0	0	0	2,385

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	2,385	0	0	0	0	0	2,385
<b>Total:</b>	0	0	2,385	0	0	0	0	0	2,385

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Magnolia Manor Park Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730184
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Opportunity Fund
<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>	\$402	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

Seattle Voter-Approved Levy	275	127	0	0	0	0	0	0	402
<b>Total:</b>	275	127	0	0	0	0	0	0	402

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

2008 Parks Levy Fund	275	127	0	0	0	0	0	0	402
<b>Total:</b>	275	127	0	0	0	0	0	0	402

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

2008 Parks Levy Fund	275	126	1	0	0	0	0	0	402
<b>Total:</b>	275	126	1	0	0	0	0	0	402

	2018	2019	2020	2021	2022	2023	Total
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**O & M Costs (Savings)**

<b>Total:</b>	7	7	7	8	8	8	45
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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 Park (5 Fields) Synthetic Turf Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732479
<b>Start/End Date:</b>	2019-2019	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	7400 Sand Point WAY N
<b>Neighborhood District:</b>	Northeast	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$9,256	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the 471,900 square foot synthetic turf field surfacing which was installed on five fields in 2009, and performs related work. The surfacing material is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfields for soccer, baseball, lacrosse, rugby, and other activities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	4,628	4,628	0	0	0	9,256
<b>Total:</b>	0	0	0	4,628	4,628	0	0	0	9,256

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	4,628	4,628	0	0	0	9,256
<b>Total:</b>	0	0	0	4,628	4,628	0	0	0	9,256

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	4,628	4,628	0	0	0	9,256
<b>Total:</b>	0	0	0	4,628	4,628	0	0	0	9,256

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Magnuson Park Athletic Field 12 Conversion

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732507
<b>Start/End Date:</b>	2023-2024	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
To be determined	0	0	0	0	0	0	0	7,522	7,522
<b>Total:</b>	0	0	0	0	0	0	0	7,522	7,522

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	0	0	7,522	7,522
<b>Total:</b>	0	0	0	0	0	0	0	7,522	7,522

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	0	0	7,522	7,522
<b>Total:</b>	0	0	0	0	0	0	0	7,522	7,522

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

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

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730198
<b>Start/End Date:</b>	2014-2017	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	22	1,330	0	0	0	0	0	0	1,352
<b>Total:</b>	22	1,330	0	0	0	0	0	0	1,352
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	22	1,330	0	0	0	0	0	0	1,352
<b>Total:</b>	22	1,330	0	0	0	0	0	0	1,352
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	22	330	1,000	0	0	0	0	0	1,352
<b>Total:</b>	22	330	1,000	0	0	0	0	0	1,352
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Magnuson Park Field 13 Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732508
<b>Start/End Date:</b>	2023-2024	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<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 installs an approximately 100,000 square foot synthetic turf field, lighting, and drainage improvements, and performs related work. Per the Magnuson Park Master Plan, the new field 13 will be located east of the exiting field 7. This improvement allows for use and scheduling of a new playfield for soccer, lacrosse, and other activities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
To be determined	0	0	0	0	0	0	0	7,522	7,522
<b>Total:</b>	0	0	0	0	0	0	0	7,522	7,522

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	0	0	7,522	7,522
<b>Total:</b>	0	0	0	0	0	0	0	7,522	7,522

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	0	0	7,522	7,522
<b>Total:</b>	0	0	0	0	0	0	0	7,522	7,522

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

### Marra-Desimone Park Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730100
<b>Start/End Date:</b>	2013-2018	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<b>Current Project Stage:</b>	Construction	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	232	868	0	0	0	0	0	0	1,100
<b>Total:</b>	232	868	0	0	0	0	0	0	1,100

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	232	868	0	0	0	0	0	0	1,100
<b>Total:</b>	232	868	0	0	0	0	0	0	1,100

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	232	768	100	0	0	0	0	0	1,100
<b>Total:</b>	232	768	100	0	0	0	0	0	1,100

		2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		30	31	32	33	33	34	193

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Miller Playfield Synthetic Turf Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732475
<b>Start/End Date:</b>	2019-2019	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	330 19th AVE E
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$1,966	<b>Urban Village:</b>	Madison-Miller

This project replaces the 100,200 square foot synthetic turf field surfacing which was installed in 2009, 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	1,966	0	0	0	0	1,966
<b>Total:</b>	0	0	0	1,966	0	0	0	0	1,966

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	1,966	0	0	0	0	1,966
<b>Total:</b>	0	0	0	1,966	0	0	0	0	1,966

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	1,966	0	0	0	0	1,966
<b>Total:</b>	0	0	0	1,966	0	0	0	0	1,966

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Montlake PF Synthetic Turf Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732502
<b>Start/End Date:</b>	2022-2022	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	1618 E Calhoun St
<b>Neighborhood District:</b>	Northeast	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$1,431	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the 70,000 square foot synthetic turf field surfacing which was installed in 2012, and performs related work. The surfacing material is near the end of its lifecycle and needs to be replaced. This improvement allows the continued use and scheduling of the playfield for soccer, football, and other activities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	0	0	0	1,431	0	1,431
<b>Total:</b>	0	0	0	0	0	0	1,431	0	1,431

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	0	0	1,431	0	1,431
<b>Total:</b>	0	0	0	0	0	0	1,431	0	1,431

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	0	0	1,431	0	1,431
<b>Total:</b>	0	0	0	0	0	0	1,431	0	1,431

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

**Municipal Energy Efficiency Program - Parks**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732433
<b>Start/End Date:</b>	2011-2019	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Building Component Renovations
<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>	\$863	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	174	82	0	0	0	0	0	0	256
Miscellaneous Grants or Donations	0	129	0	0	0	0	0	0	129
General Obligation Bonds	457	21	0	0	0	0	0	0	478
<b>Total:</b>	631	232	0	0	0	0	0	0	863

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	174	82	0	0	0	0	0	0	256
Cumulative Reserve Subfund - Unrestricted Subaccount	0	129	0	0	0	0	0	0	129
2011 Multipurpose LTGO Bond Fund	457	21	0	0	0	0	0	0	478
<b>Total:</b>	631	232	0	0	0	0	0	0	863

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	174	80	2	0	0	0	0	0	256

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	29	100	0	0	0	0	129
2011 Multipurpose LTGO Bond Fund	457	21	0	0	0	0	0	0	478
<b>Total:</b>	631	101	31	100	0	0	0	0	863
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Northwest Native Canoe Center Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730185
<b>Start/End Date:</b>	2014-2017	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Opportunity Fund
<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	2017 REV	2018	2019	2020	2021	2022	2023	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	2017 REV	2018	2019	2020	2021	2022	2023	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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	21	29	200	500	0	0	0	0	750
<b>Total:</b>	21	29	200	500	0	0	0	0	750

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	12	13	13	14	14	15	81

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

Othello Park Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730186
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Opportunity Fund
<b>Current Project Stage:</b>	Closeout	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	112	435	0	0	0	0	0	0	547
<b>Total:</b>	112	435	0	0	0	0	0	0	547

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	112	435	0	0	0	0	0	0	547
<b>Total:</b>	112	435	0	0	0	0	0	0	547

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	112	385	50	0	0	0	0	0	547
<b>Total:</b>	112	385	50	0	0	0	0	0	547

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	10	11	11	12	12	12	68

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Parks Central Waterfront Piers Rehabilitation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732493
<b>Start/End Date:</b>	2016-2023	<b>BCL/Program Code:</b>	K72447
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Docks/Piers/Floats/Seawalls/Shorelines
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Alaskan Way
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$96,008	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	1,089	881	10,150	1,200	0	20	0	0	13,340
State Grant Funds	0	150	450	0	0	0	0	0	600
Street Vacations -CRSU	0	1,000	0	0	0	0	0	0	1,000
Private Funding/Donations	0	500	2,700	5,700	3,560	12,000	12,200	4,900	41,560
Local Improvement District Bonds	0	2,147	0	314	7,050	15,000	6,200	590	31,301
Street Use Fees	0	550	0	0	0	0	0	0	550
Seawall Levy	6	1,447	1,850	0	0	0	0	0	3,303
Seattle Park District Revenues	0	0	0	1,102	3,252	0	0	0	4,354
<b>Total:</b>	1,095	6,675	15,150	8,316	13,862	27,020	18,400	5,490	96,008

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,089	881	10,150	1,200	0	20	0	0	13,340
Cumulative Reserve Subfund - Unrestricted Subaccount	0	1,150	450	0	0	0	0	0	1,600
Central Waterfront Improvement Fund	0	3,197	2,700	6,014	10,610	27,000	18,400	5,490	73,411
Alaskan Way Seawall Construction Fund	6	1,447	1,850	0	0	0	0	0	3,303
Parks Capital Fund	0	0	0	1,102	3,252	0	0	0	4,354
<b>Total:</b>	<b>1,095</b>	<b>6,675</b>	<b>15,150</b>	<b>8,316</b>	<b>13,862</b>	<b>27,020</b>	<b>18,400</b>	<b>5,490</b>	<b>96,008</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,089	881	10,150	1,200	0	20	0	0	13,340
Cumulative Reserve Subfund - Unrestricted Subaccount	0	1,150	450	0	0	0	0	0	1,600
Central Waterfront Improvement Fund	0	3,197	2,700	6,014	10,610	27,000	18,400	5,490	73,411
Alaskan Way Seawall Construction Fund	6	1,447	1,850	0	0	0	0	0	3,303
Parks Capital Fund	0	0	0	1,102	3,252	0	0	0	4,354
<b>Total:</b>	<b>1,095</b>	<b>6,675</b>	<b>15,150</b>	<b>8,316</b>	<b>13,862</b>	<b>27,020</b>	<b>18,400</b>	<b>5,490</b>	<b>96,008</b>

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Play Area Renovations-2008 Levy

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730202
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<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>	\$893	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	175	718	0	0	0	0	0	0	893
<b>Total:</b>	175	718	0	0	0	0	0	0	893

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	175	718	0	0	0	0	0	0	893
<b>Total:</b>	175	718	0	0	0	0	0	0	893

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	175	717	1	0	0	0	0	0	893
<b>Total:</b>	175	717	1	0	0	0	0	0	893

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 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>	K730199
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<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>	\$514	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	5	509	0	0	0	0	0	0	514
<b>Total:</b>	5	509	0	0	0	0	0	0	514

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	5	509	0	0	0	0	0	0	514
<b>Total:</b>	5	509	0	0	0	0	0	0	514

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	5	135	374	0	0	0	0	0	514
<b>Total:</b>	5	135	374	0	0	0	0	0	514

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Puget Park - Environmental Remediation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K73127
<b>Start/End Date:</b>	1997-2023	<b>BCL/Program Code:</b>	K72440
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Debt and Special Funding
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	1900 SW Dawson St
<b>Neighborhood District:</b>	Delridge	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$530	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Private Funding/Donations	0	305	0	0	0	0	0	0	305
General Subfund Revenues	21	0	0	0	0	0	0	0	21
Private Funding/Donations	204	0	0	0	0	0	0	0	204
<b>Total:</b>	225	305	0	0	0	0	0	0	530

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	305	0	0	0	0	0	0	305
Emergency Subfund	21	0	0	0	0	0	0	0	21
Parks and Recreation Fund	204	0	0	0	0	0	0	0	204
<b>Total:</b>	225	305	0	0	0	0	0	0	530

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	10	10	10	10	250	10	5	305
Emergency Subfund	21	0	0	0	0	0	0	0	21
Parks and Recreation Fund	204	0	0	0	0	0	0	0	204
<b>Total:</b>	225	10	10	10	10	250	10	5	530

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



## Department of Parks and Recreation

### Queen Anne Bowl Playfield Turf Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732470
<b>Start/End Date:</b>	2019-2019	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	2806 3rd AVE W
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$1,120	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the synthetic turf field surfacing (60,000 square feet) which was installed in 2007, and is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for soccer, lacrosse, and other activities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	1,120	0	0	0	0	1,120
<b>Total:</b>	0	0	0	1,120	0	0	0	0	1,120

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	1,120	0	0	0	0	1,120
<b>Total:</b>	0	0	0	1,120	0	0	0	0	1,120

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	1,120	0	0	0	0	1,120
<b>Total:</b>	0	0	0	1,120	0	0	0	0	1,120

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 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>	K730153
<b>Start/End Date:</b>	2011-2018	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Opportunity Fund
<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>	\$3,293	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	3	297	0	0	0	0	0	0	300
Seattle Voter-Approved Levy	1,573	1,420	0	0	0	0	0	0	2,993
<b>Total:</b>	1,576	1,717	0	0	0	0	0	0	3,293

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3	297	0	0	0	0	0	0	300
2008 Parks Levy Fund	1,573	1,420	0	0	0	0	0	0	2,993
<b>Total:</b>	1,576	1,717	0	0	0	0	0	0	3,293

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3	297	0	0	0	0	0	0	300
2008 Parks Levy Fund	1,573	1,419	1	0	0	0	0	0	2,993
<b>Total:</b>	1,576	1,716	1	0	0	0	0	0	3,293

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Seattle Asian Art Museum Renovation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730122
<b>Start/End Date:</b>	2011-2023	<b>BCL/Program Code:</b>	K720021
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	2008 Parks Levy- Cultural Facilities
<b>Current Project Stage:</b>	Design	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	3,800	0	0	0	0	0	0	3,800
Real Estate Excise Tax I	0	10,200	5,000	0	0	0	0	0	15,200
<b>Total:</b>	0	14,000	5,000	0	0	0	0	0	19,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	3,800	0	0	0	0	0	0	3,800
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	10,200	5,000	0	0	0	0	0	15,200
<b>Total:</b>	0	14,000	5,000	0	0	0	0	0	19,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	3,800	0	0	0	0	0	3,800
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	15,200	0	0	0	0	0	15,200
<b>Total:</b>	0	0	19,000	0	0	0	0	0	19,000

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

### 2018 - 2023 Proposed Capital Improvement Program

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Seattle Asian Art Museum Restoration**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732369
<b>Start/End Date:</b>	2007-2018	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Building Component Renovations
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	1400 E Prospect ST
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$2,100	<b>Urban Village:</b>	Not in an Urban Village

This project funds initial planning and design work for mechanical, electrical, seismic, and other improvements to the Seattle Asian Art Museum (SAAM), which is a City-owned building located in Volunteer Park originally constructed in 1933. In 2007, the Seattle Art Museum (SAM), which operates SAAM, completed a study which identified improvements needed to update the building's climate control infrastructure and improve its seismic and fire/life safety features.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	600	0	0	0	0	0	0	0	600
Real Estate Excise Tax I	1,241	100	0	0	0	0	0	0	1,341
Property Sales and Interest Earnings	171	(12)	0	0	0	0	0	0	159
<b>Total:</b>	2,012	88	0	0	0	0	0	0	2,100

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	600	0	0	0	0	0	0	0	600
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,241	100	0	0	0	0	0	0	1,341
Cumulative Reserve Subfund - Unrestricted Subaccount	171	(12)	0	0	0	0	0	0	159
<b>Total:</b>	2,012	88	0	0	0	0	0	0	2,100

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	600	0	0	0	0	0	0	0	600

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,241	99	1	0	0	0	0	0	1,341
Cumulative Reserve Subfund - Unrestricted Subaccount	171	(12)	0	0	0	0	0	0	159
<b>Total:</b>	2,012	87	1	0	0	0	0	0	2,100

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Seward Park Forest Restoration

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732367
<b>Start/End Date:</b>	2008-2018	<b>BCL/Program Code:</b>	K72442
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Forest Restoration
<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>	\$1,144	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Miscellaneous Grants or Donations	902	152	90	0	0	0	0	0	1,144
<b>Total:</b>	902	152	90	0	0	0	0	0	1,144

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	902	152	90	0	0	0	0	0	1,144
<b>Total:</b>	902	152	90	0	0	0	0	0	1,144

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	902	152	90	0	0	0	0	0	1,144
<b>Total:</b>	902	152	90	0	0	0	0	0	1,144

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	12	12	12	12	12	12	72

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

### 2018 - 2023 Proposed Capital Improvement Program



## Department of Parks and Recreation

**Smith Cove Park Development**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730311
<b>Start/End Date:</b>	2015-2019	<b>BCL/Program Code:</b>	K720302
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$6,245	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	50	(20)	0	0	0	0	0	0	30
To be determined	0	0	0	0	0	0	0	0	0
Interfund Loan	0	0	2,106	1,253	0	0	0	0	3,359
Seattle Park District Revenues	158	1,089	912	697	0	0	0	0	2,856
<b>Total:</b>	208	1,069	3,018	1,950	0	0	0	0	6,245

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	50	(20)	0	0	0	0	0	0	30
Parks Capital Fund	158	1,089	3,018	1,950	0	0	0	0	6,215
<b>Total:</b>	208	1,069	3,018	1,950	0	0	0	0	6,245

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	50	(20)	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.

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Parks Capital Fund	158	328	3,564	2,165	0	0	0	0	6,215
<b>Total:</b>	208	308	3,564	2,165	0	0	0	0	6,245
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Victor Steinbrueck Park Renovation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730115
<b>Start/End Date:</b>	2013-2019	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	377	1,223	0	0	0	0	0	0	1,600
<b>Total:</b>	377	1,223	0	0	0	0	0	0	1,600

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	377	1,223	0	0	0	0	0	0	1,600
<b>Total:</b>	377	1,223	0	0	0	0	0	0	1,600

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	377	158	465	600	0	0	0	0	1,600
<b>Total:</b>	377	158	465	600	0	0	0	0	1,600

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	10	11	12	13	14	15	75

*\* 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

### Victor Steinbrueck Parking Envelope

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732500
<b>Start/End Date:</b>	2017-2019	<b>BCL/Program Code:</b>	K72441
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Parks Infrastructure
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

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

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	500	3,000	1,500	0	0	0	0	5,000
<b>Total:</b>	0	500	3,000	1,500	0	0	0	0	5,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	144	3,356	1,500	0	0	0	0	5,000
<b>Total:</b>	0	144	3,356	1,500	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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

**Virgil Flaim Park Skatespot Development**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730182
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Opportunity Fund
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	2750 NE 125th ST
<b>Neighborhood District:</b>	North	<b>Council District:</b>	5
<b>Total Project Cost:</b>	\$825	<b>Urban Village:</b>	Lake City

This project, part of the 2008 Parks Levy Opportunity Fund, adds a skateboard park ("skatespot"), relocates and reconstructs the basketball court, and adds other amenities and related improvements to the park located in Lake City. The park renovation enhances a small park to better meet the changing community's recreation needs.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	183	642	0	0	0	0	0	0	825
<b>Total:</b>	183	642	0	0	0	0	0	0	825

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	183	642	0	0	0	0	0	0	825
<b>Total:</b>	183	642	0	0	0	0	0	0	825

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	183	640	2	0	0	0	0	0	825
<b>Total:</b>	183	640	2	0	0	0	0	0	825

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	8	8	8	9	9	9	51

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

**2018 - 2023 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>	K732509
<b>Start/End Date:</b>	2023-2024	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<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>	\$8,534	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
To be determined	0	0	0	0	0	0	0	8,534	8,534
<b>Total:</b>	0	0	0	0	0	0	0	8,534	8,534

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
To Be Determined	0	0	0	0	0	0	0	8,534	8,534
<b>Total:</b>	0	0	0	0	0	0	0	8,534	8,534

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	0	0	0	0	8,534	8,534
<b>Total:</b>	0	0	0	0	0	0	0	8,534	8,534

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Walt Hundley PF Synthetic Turf Replacement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	k732496
<b>Start/End Date:</b>	2021-2021	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	6920 34th AVE SW
<b>Neighborhood District:</b>	Southwest	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$1,713	<b>Urban Village:</b>	Not in an Urban Village

This project, funded with Metropolitan Park District Major Maintenance funds, replaces the 79,200 square foot synthetic turf field surfacing which was installed in 2011, 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	0	0	1,713	0	0	1,713
<b>Total:</b>	0	0	0	0	0	1,713	0	0	1,713

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	0	1,713	0	0	1,713
<b>Total:</b>	0	0	0	0	0	1,713	0	0	1,713

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	0	1,713	0	0	1,713
<b>Total:</b>	0	0	0	0	0	1,713	0	0	1,713

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

### 2018 - 2023 Proposed Capital Improvement Program



## Department of Parks and Recreation

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 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>	K730132
<b>Start/End Date:</b>	2010-2018	<b>BCL/Program Code:</b>	K720023
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	2008 Parks Levy- Major Parks
<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>	\$2,924	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	2,451	1	0	0	0	0	0	0	2,452
Private Funding/Donations	472	0	0	0	0	0	0	0	472
<b>Total:</b>	2,923	1	0	0	0	0	0	0	2,924

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	2,923	1	0	0	0	0	0	0	2,924
<b>Total:</b>	2,923	1	0	0	0	0	0	0	2,924

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	2,923	0	1	0	0	0	0	0	2,924
<b>Total:</b>	2,923	0	1	0	0	0	0	0	2,924

	2018	2019	2020	2021	2022	2023	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.

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Washington Park Arboretum Trail Development**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732473
<b>Start/End Date:</b>	2013-2018	<b>BCL/Program Code:</b>	K72451
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	SR520 Mitigation
<b>Current Project Stage:</b>	Construction	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
State Interlocal Revenues	4,696	3,114	0	0	0	0	0	0	7,810
<b>Total:</b>	4,696	3,114	0	0	0	0	0	0	7,810

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Park Mitigation and Remediation Fund	4,696	3,114	0	0	0	0	0	0	7,810
<b>Total:</b>	4,696	3,114	0	0	0	0	0	0	7,810

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Park Mitigation and Remediation Fund	4,696	2,884	230	0	0	0	0	0	7,810
<b>Total:</b>	4,696	2,884	230	0	0	0	0	0	7,810

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	87	88	90	92	95	98	550

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Washington Park PF Synthetic Turf Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732503
<b>Start/End Date:</b>	2022-2022	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	2500 Lake Washington Blvd E
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$2,498	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the 110,000 square foot synthetic turf field surfacing which was installed in 2012, and performs related work. The surfacing material is near the end of its lifecycle, and needs to be replaced. This improvement allows the continued use and scheduling of the playfield for soccer and other activities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	0	0	0	2,498	0	2,498
<b>Total:</b>	0	0	0	0	0	0	2,498	0	2,498

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	0	0	2,498	0	2,498
<b>Total:</b>	0	0	0	0	0	0	2,498	0	2,498

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	0	0	0	0	2,498	0	2,498
<b>Total:</b>	0	0	0	0	0	0	2,498	0	2,498

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

**Washington Park Playfield Play Area Development**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730190
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Opportunity Fund
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	171	194	0	0	0	0	0	0	365
<b>Total:</b>	171	194	0	0	0	0	0	0	365

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	171	194	0	0	0	0	0	0	365
<b>Total:</b>	171	194	0	0	0	0	0	0	365

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	171	193	1	0	0	0	0	0	365
<b>Total:</b>	171	193	1	0	0	0	0	0	365

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	23	23	23	24	24	24	141

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Woodland Park Zoo Night Exhibit Renovation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K732506
<b>Start/End Date:</b>	2017-2018	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Building Component Renovations
<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>	\$1,000	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Miscellaneous Grants or Donations	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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	200	800	0	0	0	0	0	1,000
<b>Total:</b>	0	200	800	0	0	0	0	0	1,000

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 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>	K730188
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Opportunity Fund
<b>Current Project Stage:</b>	Closeout	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	139	764	0	0	0	0	0	0	903
<b>Total:</b>	139	764	0	0	0	0	0	0	903

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	139	764	0	0	0	0	0	0	903
<b>Total:</b>	139	764	0	0	0	0	0	0	903

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	139	509	255	0	0	0	0	0	903
<b>Total:</b>	139	509	255	0	0	0	0	0	903

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



## Department of Parks and Recreation

**Yesler Terrace Neighborhood Park Development**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	K730203
<b>Start/End Date:</b>	2015-2019	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Opportunity Fund
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	356	2,844	0	0	0	0	0	0	3,200
Private Funding/Donations	0	1,730	0	0	0	0	0	0	1,730
State Grant Funds	0	500	0	0	0	0	0	0	500
<b>Total:</b>	356	5,074	0	0	0	0	0	0	5,430

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	356	5,074	0	0	0	0	0	0	5,430
<b>Total:</b>	356	5,074	0	0	0	0	0	0	5,430

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	356	1,017	3,957	100	0	0	0	0	5,430
<b>Total:</b>	356	1,017	3,957	100	0	0	0	0	5,430

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Activating and Connecting to Greenways

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730309
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720302
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Park District Revenues	145	260	210	215	221	226	231	237	1,745
<b>Total:</b>	145	260	210	215	221	226	231	237	1,745
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Parks Capital Fund	145	260	210	215	221	226	231	237	1,745
<b>Total:</b>	145	260	210	215	221	226	231	237	1,745
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Parks Capital Fund	145	260	210	215	221	226	231	237	1,745
<b>Total:</b>	145	260	210	215	221	226	231	237	1,745
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

**ADA Compliance - Parks**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732434
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Building Component Renovations
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	1,033	0	0	0	0	0	0	0	1,033
Real Estate Excise Tax I	1,581	2,567	1,200	0	0	0	0	0	5,348
Federal Community Development Block Grant	74	705	0	0	0	0	0	0	779
<b>Total:</b>	2,688	3,272	1,200	0	0	0	0	0	7,160

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,033	0	0	0	0	0	0	0	1,033
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,581	2,567	1,200	0	0	0	0	0	5,348
Community Development Block Grant Fund	74	705	0	0	0	0	0	0	779
<b>Total:</b>	2,688	3,272	1,200	0	0	0	0	0	7,160

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,033	0	0	0	0	0	0	0	1,033

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,581	1,748	2,019	0	0	0	0	0	5,348
Community Development Block Grant Fund	74	700	5	0	0	0	0	0	779
<b>Total:</b>	2,688	2,448	2,024	0	0	0	0	0	7,160
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

**Aquarium Major Maintenance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730303
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720300
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Park District Revenues	0	1,107	1,135	1,163	1,192	1,222	1,252	1,283	8,354
<b>Total:</b>	0	1,107	1,135	1,163	1,192	1,222	1,252	1,283	8,354

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Parks Capital Fund	0	1,107	1,135	1,163	1,192	1,222	1,252	1,283	8,354
<b>Total:</b>	0	1,107	1,135	1,163	1,192	1,222	1,252	1,283	8,354

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Parks Capital Fund	0	1,107	1,135	1,163	1,192	1,222	1,252	1,283	8,354
<b>Total:</b>	0	1,107	1,135	1,163	1,192	1,222	1,252	1,283	8,354

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Athletic Field Improvements

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732504
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	2,647	1,566	0	0	0	0	0	4,213
CRS Misc Revenues	0	0	0	0	0	0	0	0	0
Athletic Field Revenues	0	0	300	600	600	600	600	600	3,300
<b>Total:</b>	0	2,647	1,866	600	600	600	600	600	7,513

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	2,647	1,566	0	0	0	0	0	4,213
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	300	600	600	600	600	600	3,300
<b>Total:</b>	0	2,647	1,866	600	600	600	600	600	7,513

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	543	3,670	0	0	0	0	0	4,213
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	300	600	600	600	600	600	3,300
<b>Total:</b>	0	543	3,970	600	600	600	600	600	7,513

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

### 2018 - 2023 Proposed Capital Improvement Program

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Ballfield Lighting Replacement Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732310
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	2,770	100	500	500	500	500	500	500	5,870
Real Estate Excise Tax I	228	0	0	0	0	0	0	0	228
<b>Total:</b>	2,998	100	500	500	500	500	500	500	6,098

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,770	100	500	500	500	500	500	500	5,870
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	228	0	0	0	0	0	0	0	228
<b>Total:</b>	2,998	100	500	500	500	500	500	500	6,098

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,770	100	500	500	500	500	500	500	5,870
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	228	0	0	0	0	0	0	0	228
<b>Total:</b>	2,998	100	500	500	500	500	500	500	6,098

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

### 2018 - 2023 Proposed Capital Improvement Program



## Department of Parks and Recreation

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	12	12	13	13	14	15	79

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Ballfields - Minor Capital Improvements

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732415
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	200	50	50	50	50	50	50	50	550
Real Estate Excise Tax I	43	2	0	0	0	0	0	0	45
King County Funds	120	0	0	0	0	0	0	0	120
Private Funding/Donations	0	0	0	0	0	0	0	0	0
<b>Total:</b>	<b>363</b>	<b>52</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>715</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	200	50	50	50	50	50	50	50	550
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	43	2	0	0	0	0	0	0	45
Cumulative Reserve Subfund - Unrestricted Subaccount	120	0	0	0	0	0	0	0	120
<b>Total:</b>	<b>363</b>	<b>52</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>715</b>

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

### 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	200	50	50	50	50	50	50	50	550
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	43	2	0	0	0	0	0	0	45
Cumulative Reserve Subfund - Unrestricted Subaccount	120	0	0	0	0	0	0	0	120
<b>Total:</b>	363	52	50	50	50	50	50	50	715
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

**Beach Restoration Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732303
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72447
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Docks/Piers/Floats/Seawalls/Shorelines
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
King County Funds	362	216	0	0	0	0	0	0	578
King County Funds	226	49	25	25	25	25	25	25	425
<b>Total:</b>	588	265	25	25	25	25	25	25	1,003

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	362	216	0	0	0	0	0	0	578
Beach Maintenance Trust Fund	226	49	25	25	25	25	25	25	425
<b>Total:</b>	588	265	25	25	25	25	25	25	1,003

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	362	144	72	0	0	0	0	0	578
Beach Maintenance Trust Fund	226	25	49	25	25	25	25	25	425
<b>Total:</b>	588	169	121	25	25	25	25	25	1,003

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Boat Moorage Restoration

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732408
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72447
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Docks/Piers/Floats/Seawalls/Shorelines
		<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 of boat moorages, many of which generate revenues to the Department each year.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax I	30	3,970	0	0	0	0	0	0	4,000
Concession Revenues	258	92	0	0	0	0	0	0	350
<b>Total:</b>	288	4,062	0	0	0	0	0	0	4,350

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	30	3,970	0	0	0	0	0	0	4,000
Cumulative Reserve Subfund - Unrestricted Subaccount	258	92	0	0	0	0	0	0	350
<b>Total:</b>	288	4,062	0	0	0	0	0	0	4,350

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	30	10	3,960	0	0	0	0	0	4,000
Cumulative Reserve Subfund - Unrestricted Subaccount	258	0	92	0	0	0	0	0	350
<b>Total:</b>	288	10	4,052	0	0	0	0	0	4,350

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

**Boiler and Mechanical System Replacement Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732306
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Building Component Renovations
		<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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	1,245	59	175	175	175	175	175	175	2,354
Real Estate Excise Tax I	92	8	0	0	0	0	0	0	100
<b>Total:</b>	1,337	67	175	175	175	175	175	175	2,454

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,245	59	175	175	175	175	175	175	2,354
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	92	8	0	0	0	0	0	0	100
<b>Total:</b>	1,337	67	175	175	175	175	175	175	2,454

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,245	59	175	175	175	175	175	175	2,354
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	92	8	0	0	0	0	0	0	100
<b>Total:</b>	1,337	67	175	175	175	175	175	175	2,454

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

**2018 - 2023 Proposed Capital Improvement Program**



	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Comfort Station Renovations**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732453
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Building Component Renovations
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	300	0	0	660	660	660	660	2,940
Real Estate Excise Tax I	4	296	0	0	0	0	0	0	300
King County Voter- Approved Levy	304	1,415	660	660	0	0	0	0	3,039
<b>Total:</b>	308	2,011	660	660	660	660	660	660	6,279

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	300	0	0	660	660	660	660	2,940
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4	296	0	0	0	0	0	0	300
2013 King County Parks Levy	304	1,415	660	660	0	0	0	0	3,039
<b>Total:</b>	308	2,011	660	660	660	660	660	660	6,279

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	70	230	0	660	660	660	660	2,940

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4	19	277	0	0	0	0	0	300
2013 King County Parks Levy	304	800	1,275	660	0	0	0	0	3,039
<b>Total:</b>	308	889	1,782	660	660	660	660	660	6,279
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Community Center Rehabilitation & Development

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730301
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720300
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	1,500	4,150	2,000	0	0	0	0	7,650
King County Funds	0	0	1,000	0	0	0	0	0	1,000
Seattle Park District Revenues	752	7,334	3,484	3,571	3,661	3,752	3,846	3,942	30,342
<b>Total:</b>	752	8,834	8,634	5,571	3,661	3,752	3,846	3,942	38,992

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	1,500	4,150	2,000	0	0	0	0	7,650
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	1,000	0	0	0	0	0	1,000
Parks Capital Fund	752	7,334	3,484	3,571	3,661	3,752	3,846	3,942	30,342
<b>Total:</b>	752	8,834	8,634	5,571	3,661	3,752	3,846	3,942	38,992

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

### 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	4,150	2,000	0	0	0	0	6,150
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	1,000	0	0	0	0	0	1,000
Parks Capital Fund	752	2,550	4,730	4,610	2,300	4,527	4,905	7,468	31,842
<b>Total:</b>	752	2,550	9,880	6,610	2,300	4,527	4,905	7,468	38,992
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 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>	K730308
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720302
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Park District Revenues	365	9,932	5,030	2,892	407	0	0	0	18,626
<b>Total:</b>	365	9,932	5,030	2,892	407	0	0	0	18,626

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Parks Capital Fund	365	9,932	5,030	2,892	407	0	0	0	18,626
<b>Total:</b>	365	9,932	5,030	2,892	407	0	0	0	18,626

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Parks Capital Fund	365	1,877	10,964	4,788	632	0	0	0	18,626
<b>Total:</b>	365	1,877	10,964	4,788	632	0	0	0	18,626

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Electrical System Replacement Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732307
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Building Component Renovations
		<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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	819	150	150	150	150	150	150	150	1,869
Real Estate Excise Tax I	148	490	0	0	0	0	0	0	638
<b>Total:</b>	967	640	150	150	150	150	150	150	2,507

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	819	150	150	150	150	150	150	150	1,869
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	148	490	0	0	0	0	0	0	638
<b>Total:</b>	967	640	150	150	150	150	150	150	2,507

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	819	150	150	150	150	150	150	150	1,869
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	148	490	0	0	0	0	0	0	638
<b>Total:</b>	967	640	150	150	150	150	150	150	2,507

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

### 2018 - 2023 Proposed Capital Improvement Program

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



## Department of Parks and Recreation

### Environmental Remediation Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732401
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72441
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Parks Infrastructure
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	432	100	100	100	100	100	100	100	1,132
Real Estate Excise Tax I	185	82	0	0	0	0	0	0	267
<b>Total:</b>	617	182	100	100	100	100	100	100	1,399

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	432	100	100	100	100	100	100	100	1,132
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	185	82	0	0	0	0	0	0	267
<b>Total:</b>	617	182	100	100	100	100	100	100	1,399

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	432	100	100	100	100	100	100	100	1,132
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	185	82	0	0	0	0	0	0	267
<b>Total:</b>	617	182	100	100	100	100	100	100	1,399

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

### 2018 - 2023 Proposed Capital Improvement Program

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Gas Works Park - Remediation

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K73582
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72440
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	335	210	790	800	420	200	200	200	3,155
Real Estate Excise Tax I	1,949	433	0	0	0	0	0	0	2,382
General Subfund Revenues	402	0	0	0	0	0	0	0	402
To be determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	<b>2,686</b>	<b>643</b>	<b>790</b>	<b>800</b>	<b>420</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>5,939</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	335	210	790	800	420	200	200	200	3,155
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,949	433	0	0	0	0	0	0	2,382
Gasworks Park Contamination Remediation Fund	402	0	0	0	0	0	0	0	402
To Be Determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	<b>2,686</b>	<b>643</b>	<b>790</b>	<b>800</b>	<b>420</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>5,939</b>

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

### 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	335	210	790	800	420	200	200	200	3,155
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,949	20	413	0	0	0	0	0	2,382
Gasworks Park Contamination Remediation Fund	402	0	0	0	0	0	0	0	402
To Be Determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	2,686	230	1,203	800	420	200	200	200	5,939
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

**Golf - Capital Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732407
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72440
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Golf Revenues	1,332	463	0	100	100	100	100	100	2,295
King County Voter-Approved Levy	0	0	892	0	0	0	0	0	892
<b>Total:</b>	1,332	463	892	100	100	100	100	100	3,187

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,332	463	0	100	100	100	100	100	2,295
2013 King County Parks Levy	0	0	892	0	0	0	0	0	892
<b>Total:</b>	1,332	463	892	100	100	100	100	100	3,187

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,332	63	1,292	100	100	100	100	100	3,187
2013 King County Parks Levy	0	0	0	0	0	0	0	0	0
<b>Total:</b>	1,332	63	1,292	100	100	100	100	100	3,187

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Green Space Acquisitions- 2008 Parks Levy**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730011
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720011
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	2008 Parks Levy- Green Space Acquisition
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Interest Earnings	273	32	0	0	0	0	0	0	305
Seattle Voter-Approved Levy	8,769	407	0	0	0	0	0	0	9,176
<b>Total:</b>	9,042	439	0	0	0	0	0	0	9,481

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Open Spaces & Trails Bond Fund	273	32	0	0	0	0	0	0	305
2008 Parks Levy Fund	8,769	407	0	0	0	0	0	0	9,176
<b>Total:</b>	9,042	439	0	0	0	0	0	0	9,481

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Open Spaces & Trails Bond Fund	273	32	0	0	0	0	0	0	305
2008 Parks Levy Fund	8,769	405	2	0	0	0	0	0	9,176
<b>Total:</b>	9,042	437	2	0	0	0	0	0	9,481

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 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>	K732421
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Building Component Renovations
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Property Sales and Interest Earnings	243	37	35	35	35	35	35	35	490
<b>Total:</b>	243	37	35	35	35	35	35	35	490

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	243	37	35	35	35	35	35	35	490
<b>Total:</b>	243	37	35	35	35	35	35	35	490

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	243	37	35	35	35	35	35	35	490
<b>Total:</b>	243	37	35	35	35	35	35	35	490

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Improve Dog Off-Leash Areas

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730312
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720301
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Maintaining Parks and Facilities - 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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	100	0	0	0	0	0	100
Seattle Park District Revenues	0	189	112	115	117	120	123	126	902
<b>Total:</b>	0	189	212	115	117	120	123	126	1,002

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	100	0	0	0	0	0	100
Parks Capital Fund	0	189	112	115	117	120	123	126	902
<b>Total:</b>	0	189	212	115	117	120	123	126	1,002

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	100	0	0	0	0	0	100
Parks Capital Fund	0	106	195	115	117	120	123	126	902
<b>Total:</b>	0	106	295	115	117	120	123	126	1,002

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

### 2018 - 2023 Proposed Capital Improvement Program

	2018	2019	2020	2021	2022	2023	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.*

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Irrigation Replacement and Outdoor Infrastructure Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732406
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72441
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Parks Infrastructure
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	908	222	300	300	550	550	550	550	3,930
Real Estate Excise Tax I	350	453	0	0	0	0	0	0	803
Drainage and Wastewater Rates	42	(2)	0	0	0	0	0	0	40
<b>Total:</b>	1,300	673	300	300	550	550	550	550	4,773

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	908	222	300	300	550	550	550	550	3,930
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	350	453	0	0	0	0	0	0	803
Cumulative Reserve Subfund - Unrestricted Subaccount	42	(2)	0	0	0	0	0	0	40
<b>Total:</b>	1,300	673	300	300	550	550	550	550	4,773

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	908	222	300	300	550	550	550	550	3,930
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	350	453	0	0	0	0	0	0	803
Cumulative Reserve Subfund - Unrestricted Subaccount	42	(2)	0	0	0	0	0	0	40
<b>Total:</b>	1,300	673	300	300	550	550	550	550	4,773
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Landscape Restoration Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732402
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72449
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Citywide and Neighborhood 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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	1,685	430	430	430	430	430	430	430	4,695
Real Estate Excise Tax I	1,034	218	0	0	0	0	0	0	1,252
Property Sales and Interest Earnings	34	76	0	0	0	0	0	0	110
<b>Total:</b>	2,753	724	430	430	430	430	430	430	6,057

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,685	430	430	430	430	430	430	430	4,695
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,034	218	0	0	0	0	0	0	1,252
Cumulative Reserve Subfund - Unrestricted Subaccount	34	76	0	0	0	0	0	0	110
<b>Total:</b>	2,753	724	430	430	430	430	430	430	6,057

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,685	430	430	430	430	430	430	430	4,695

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

### 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,034	218	0	0	0	0	0	0	1,252
Cumulative Reserve Subfund - Unrestricted Subaccount	34	76	0	0	0	0	0	0	110
<b>Total:</b>	2,753	724	430	430	430	430	430	430	6,057
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			19	20	20	21	21	22	123

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

### **2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Major Maintenance Backlog and Asset Management

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730300
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720300
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
King County Funds	0	75	0	0	0	0	0	0	75
State Grant Funds	0	250	0	0	0	0	0	0	250
Seattle Park District Revenues	531	18,673	18,819	19,289	19,771	20,265	20,772	21,291	139,411
<b>Total:</b>	531	18,998	18,819	19,289	19,771	20,265	20,772	21,291	139,736

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	325	0	0	0	0	0	0	325
Parks Capital Fund	531	18,673	18,819	19,289	19,771	20,265	20,772	21,291	139,411
<b>Total:</b>	531	18,998	18,819	19,289	19,771	20,265	20,772	21,291	139,736

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

### 2018 - 2023 Proposed Capital Improvement Program



	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	325	0	0	0	0	0	0	325
Parks Capital Fund	531	13,010	18,760	20,766	17,966	22,776	17,966	27,636	139,411
<b>Total:</b>	531	13,335	18,760	20,766	17,966	22,776	17,966	27,636	139,736
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Major Parks- 2008 Parks Levy

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730023
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720023
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	2008 Parks Levy- Major Parks
		<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	2017 REV	2018	2019	2020	2021	2022	2023	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	2017 REV	2018	2019	2020	2021	2022	2023	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	2017 REV	2018	2019	2020	2021	2022	2023	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

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

**Major Projects Challenge Fund**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730307
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720302
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Park District Revenues	74	3,166	1,681	1,723	1,766	1,810	1,855	1,902	13,977
<b>Total:</b>	74	3,166	1,681	1,723	1,766	1,810	1,855	1,902	13,977

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Parks Capital Fund	74	3,166	1,681	1,723	1,766	1,810	1,855	1,902	13,977
<b>Total:</b>	74	3,166	1,681	1,723	1,766	1,810	1,855	1,902	13,977

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Parks Capital Fund	74	1,252	2,100	2,300	2,300	1,800	1,855	2,296	13,977
<b>Total:</b>	74	1,252	2,100	2,300	2,300	1,800	1,855	2,296	13,977

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Neighborhood Capital Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732376
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72449
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Citywide and Neighborhood 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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	914	347	90	0	0	0	0	0	1,351
Real Estate Excise Tax I	243	0	0	0	0	0	0	0	243
<b>Total:</b>	1,157	347	90	0	0	0	0	0	1,594

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	914	347	90	0	0	0	0	0	1,351
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	243	0	0	0	0	0	0	0	243
<b>Total:</b>	1,157	347	90	0	0	0	0	0	1,594

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	914	303	134	0	0	0	0	0	1,351
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	243	0	0	0	0	0	0	0	243
<b>Total:</b>	1,157	303	134	0	0	0	0	0	1,594

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

### 2018 - 2023 Proposed Capital Improvement Program

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Neighborhood Park Acquisitions- 2008 Parks Levy**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730010
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720010
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Park Acquisition
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	21,068	3,837	0	0	0	0	0	0	24,905
<b>Total:</b>	21,068	3,837	0	0	0	0	0	0	24,905
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	21,068	3,837	0	0	0	0	0	0	24,905
<b>Total:</b>	21,068	3,837	0	0	0	0	0	0	24,905
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	21,068	1,300	1,100	1,437	0	0	0	0	24,905
<b>Total:</b>	21,068	1,300	1,100	1,437	0	0	0	0	24,905
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Neighborhood Parks & Playgrounds- 2008 Parks Levy

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730020
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720020
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	128	817	0	0	0	0	0	0	945
<b>Total:</b>	128	817	0	0	0	0	0	0	945

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	128	817	0	0	0	0	0	0	945
<b>Total:</b>	128	817	0	0	0	0	0	0	945

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	128	572	245	0	0	0	0	0	945
<b>Total:</b>	128	572	245	0	0	0	0	0	945

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Neighborhood Response Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732416
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72449
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Citywide and Neighborhood 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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	677	250	250	250	250	250	250	250	2,427
Real Estate Excise Tax I	517	206	0	0	0	0	0	0	723
King County Funds	37	0	0	0	0	0	0	0	37
Private Funding/Donations	121	529	0	0	0	0	0	0	650
<b>Total:</b>	1,352	985	250	250	250	250	250	250	3,837

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	677	250	250	250	250	250	250	250	2,427
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	517	206	0	0	0	0	0	0	723
Cumulative Reserve Subfund - Unrestricted Subaccount	158	529	0	0	0	0	0	0	687
<b>Total:</b>	1,352	985	250	250	250	250	250	250	3,837

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

### 2018 - 2023 Proposed Capital Improvement Program



	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	677	250	250	250	250	250	250	250	2,427
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	517	206	0	0	0	0	0	0	723
Cumulative Reserve Subfund - Unrestricted Subaccount	158	529	0	0	0	0	0	0	687
<b>Total:</b>	1,352	985	250	250	250	250	250	250	3,837
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Opportunity Fund Acquisitions- 2008 Parks Levy**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730040
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Opportunity Fund
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	1,975	25	0	0	0	0	0	0	2,000
Seattle Voter-Approved Levy	5,877	627	0	0	0	0	0	0	6,504
<b>Total:</b>	7,852	652	0	0	0	0	0	0	8,504

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2000 Parks Levy Fund	1,975	25	0	0	0	0	0	0	2,000
2008 Parks Levy Fund	5,877	627	0	0	0	0	0	0	6,504
<b>Total:</b>	7,852	652	0	0	0	0	0	0	8,504

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2000 Parks Levy Fund	1,975	0	25	0	0	0	0	0	2,000
2008 Parks Levy Fund	5,877	200	427	0	0	0	0	0	6,504
<b>Total:</b>	7,852	200	452	0	0	0	0	0	8,504

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	12	12	12	13	13	14	76

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Opportunity Fund Development- 2008 Parks Levy**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730041
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720041
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Opportunity Fund
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Voter-Approved Levy	8	100	0	0	0	0	0	0	108
King County Voter-Approved Levy	0	0	0	0	0	0	0	0	0
<b>Total:</b>	8	100	0	0	0	0	0	0	108

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
2008 Parks Levy Fund	8	100	0	0	0	0	0	0	108
2013 King County Parks Levy	0	0	0	0	0	0	0	0	0
<b>Total:</b>	8	100	0	0	0	0	0	0	108

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2008 Parks Levy Fund	8	99	1	0	0	0	0	0	108
2013 King County Parks Levy	0	0	0	0	0	0	0	0	0
<b>Total:</b>	8	99	1	0	0	0	0	0	108

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Park Acquisition and Development

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732497
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72449
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Citywide and Neighborhood 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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	13	622	0	0	0	0	0	0	635
CRS Misc Revenues	19	2,887	0	0	0	0	0	0	2,906
<b>Total:</b>	32	3,509	0	0	0	0	0	0	3,541

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	13	622	0	0	0	0	0	0	635
Cumulative Reserve Subfund - Unrestricted Subaccount	19	2,887	0	0	0	0	0	0	2,906
<b>Total:</b>	32	3,509	0	0	0	0	0	0	3,541

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	13	361	261	0	0	0	0	0	635
Cumulative Reserve Subfund - Unrestricted Subaccount	19	2,887	0	0	0	0	0	0	2,906
<b>Total:</b>	32	3,248	261	0	0	0	0	0	3,541

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

### 2018 - 2023 Proposed Capital Improvement Program

	2018	2019	2020	2021	2022	2023	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.*

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Park Land Acquisition and Leverage Fund**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730306
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720302
<b>Project Category:</b>	New Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
King County Funds	0	1,500	1,500	1,500	0	0	0	0	4,500
Seattle Park District Revenues	51	3,999	2,101	2,154	2,208	2,263	2,320	2,378	17,474
<b>Total:</b>	51	5,499	3,601	3,654	2,208	2,263	2,320	2,378	21,974

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	1,500	1,500	1,500	0	0	0	0	4,500
Parks Capital Fund	51	3,999	2,101	2,154	2,208	2,263	2,320	2,378	17,474
<b>Total:</b>	51	5,499	3,601	3,654	2,208	2,263	2,320	2,378	21,974

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	80	2,500	1,920	0	0	0	0	4,500
Parks Capital Fund	51	759	3,000	4,258	2,208	2,200	2,620	2,378	17,474
<b>Total:</b>	51	839	5,500	6,178	2,208	2,200	2,620	2,378	21,974

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Parks Upgrade Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732422
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72441
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Parks Infrastructure
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	1,524	0	0	0	0	0	0	0	1,524
Federal Community Development Block Grant	2,881	859	808	808	808	808	808	808	8,588
<b>Total:</b>	4,405	859	808	808	808	808	808	808	10,112
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,524	0	0	0	0	0	0	0	1,524
Community Development Block Grant Fund	2,881	859	808	808	808	808	808	808	8,588
<b>Total:</b>	4,405	859	808	808	808	808	808	808	10,112
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,524	0	0	0	0	0	0	0	1,524
Community Development Block Grant Fund	2,881	859	808	808	808	808	808	808	8,588
<b>Total:</b>	4,405	859	808	808	808	808	808	808	10,112

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

**2018 - 2023 Proposed Capital Improvement Program**



## Department of Parks and Recreation

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	44	45	45	46	46	0	226

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Pavement Restoration Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732418
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72441
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Parks Infrastructure
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	674	414	400	400	400	400	400	400	3,488
Real Estate Excise Tax I	521	386	0	0	0	0	0	0	907
Federal Grant Funds	594	115	0	0	0	0	0	0	709
Miscellaneous Grants or Donations	42	0	0	0	0	0	0	0	42
<b>Total:</b>	1,831	915	400	400	400	400	400	400	5,146

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	674	414	400	400	400	400	400	400	3,488
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	521	386	0	0	0	0	0	0	907
Cumulative Reserve Subfund - Unrestricted Subaccount	636	115	0	0	0	0	0	0	751
<b>Total:</b>	1,831	915	400	400	400	400	400	400	5,146

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

### 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	674	414	400	400	400	400	400	400	3,488
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	521	386	0	0	0	0	0	0	907
Cumulative Reserve Subfund - Unrestricted Subaccount	636	115	0	0	0	0	0	0	751
<b>Total:</b>	1,831	915	400	400	400	400	400	400	5,146
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

Play Area Renovations

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732468
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
		<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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Subfund Revenues	1	59	0	0	0	0	0	0	60
Real Estate Excise Tax II	67	421	0	0	1,000	1,000	1,000	1,000	4,488
King County Voter-Approved Levy	52	1,900	1,000	1,000	0	0	0	0	3,952
<b>Total:</b>	120	2,380	1,000	1,000	1,000	1,000	1,000	1,000	8,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
General Subfund	1	59	0	0	0	0	0	0	60
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	67	421	0	0	1,000	1,000	1,000	1,000	4,488
2013 King County Parks Levy	52	1,900	1,000	1,000	0	0	0	0	3,952
<b>Total:</b>	120	2,380	1,000	1,000	1,000	1,000	1,000	1,000	8,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
General Subfund	1	59	0	0	0	0	0	0	60
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	67	421	0	0	1,000	1,000	1,000	1,000	4,488
2013 King County Parks Levy	52	1,900	1,000	1,000	0	0	0	0	3,952
<b>Total:</b>	120	2,380	1,000	1,000	1,000	1,000	1,000	1,000	8,500

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

Play Area Safety Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732403
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	440	150	150	150	150	150	150	150	1,490
Real Estate Excise Tax I	378	30	0	0	0	0	0	0	408
<b>Total:</b>	818	180	150	150	150	150	150	150	1,898

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	440	150	150	150	150	150	150	150	1,490
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	378	30	0	0	0	0	0	0	408
<b>Total:</b>	818	180	150	150	150	150	150	150	1,898

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	440	150	150	150	150	150	150	150	1,490

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	378	30	0	0	0	0	0	0	408
<b>Total:</b>	818	180	150	150	150	150	150	150	1,898
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			18	19	19	20	20	21	117

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

### **2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Rejuvenate Our P-Patches

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730305
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720301
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Maintaining Parks and Facilities - 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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Park District Revenues	264	241	210	215	221	226	232	238	1,847
<b>Total:</b>	264	241	210	215	221	226	232	238	1,847

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Parks Capital Fund	264	241	210	215	221	226	232	238	1,847
<b>Total:</b>	264	241	210	215	221	226	232	238	1,847

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Parks Capital Fund	264	241	210	215	231	237	243	206	1,847
<b>Total:</b>	264	241	210	215	231	237	243	206	1,847

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Roof & Building Envelope Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732420
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Building Component Renovations
		<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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	984	350	350	350	350	350	350	350	3,434
Real Estate Excise Tax I	806	666	150	0	0	0	0	0	1,622
General Obligation Bonds	284	416	0	0	0	0	0	0	700
<b>Total:</b>	2,074	1,432	500	350	350	350	350	350	5,756

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	984	350	350	350	350	350	350	350	3,434
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	806	666	150	0	0	0	0	0	1,622
2013 Multipurpose LTGO Bond Fund	284	416	0	0	0	0	0	0	700
<b>Total:</b>	2,074	1,432	500	350	350	350	350	350	5,756

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

### 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	984	350	350	350	350	350	350	350	3,434
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	806	666	150	0	0	0	0	0	1,622
2013 Multipurpose LTGO Bond Fund	284	416	0	0	0	0	0	0	700
<b>Total:</b>	2,074	1,432	500	350	350	350	350	350	5,756
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Saving our City Forests

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730302
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720300
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Seattle Park District Revenues	2,542	2,260	2,308	2,365	2,425	2,486	2,548	2,611	19,545
<b>Total:</b>	2,542	2,260	2,308	2,365	2,425	2,486	2,548	2,611	19,545

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Parks Capital Fund	2,542	2,260	2,308	2,365	2,425	2,486	2,548	2,611	19,545
<b>Total:</b>	2,542	2,260	2,308	2,365	2,425	2,486	2,548	2,611	19,545

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Parks Capital Fund	2,542	2,260	2,308	2,365	2,425	2,486	2,548	2,611	19,545
<b>Total:</b>	2,542	2,260	2,308	2,365	2,425	2,486	2,548	2,611	19,545

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

**Tennis & Basketball Court Renovation Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732404
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72445
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	251	99	100	100	100	100	100	100	950
Real Estate Excise Tax I	45	0	0	0	0	0	0	0	45
King County Funds	6	0	0	0	0	0	0	0	6
Miscellaneous Grants or Donations	0	14	0	0	0	0	0	0	14
<b>Total:</b>	302	113	100	100	100	100	100	100	1,015
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	251	99	100	100	100	100	100	100	950
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	45	0	0	0	0	0	0	0	45
Cumulative Reserve Subfund - Unrestricted Subaccount	6	14	0	0	0	0	0	0	20
<b>Total:</b>	302	113	100	100	100	100	100	100	1,015

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	251	99	100	100	100	100	100	100	950
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	45	0	0	0	0	0	0	0	45
Cumulative Reserve Subfund - Unrestricted Subaccount	6	14	0	0	0	0	0	0	20
<b>Total:</b>	302	113	100	100	100	100	100	100	1,015
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Trails Renovation Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732419
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72449
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Citywide and Neighborhood 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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	650	350	350	350	350	350	350	350	3,100
Real Estate Excise Tax I	1,628	15	0	0	0	0	0	0	1,643
<b>Total:</b>	2,278	365	350	350	350	350	350	350	4,743

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	650	350	350	350	350	350	350	350	3,100
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,628	15	0	0	0	0	0	0	1,643
<b>Total:</b>	2,278	365	350	350	350	350	350	350	4,743

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	650	350	350	350	350	350	350	350	3,100
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,628	15	0	0	0	0	0	0	1,643
<b>Total:</b>	2,278	365	350	350	350	350	350	350	4,743

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

### 2018 - 2023 Proposed Capital Improvement Program

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Urban Forestry - Forest Restoration Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732410
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72442
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Forest Restoration
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	694	210	200	200	200	200	200	200	2,104
Real Estate Excise Tax I	411	175	0	0	0	0	0	0	586
<b>Total:</b>	1,105	385	200	200	200	200	200	200	2,690

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	694	210	200	200	200	200	200	200	2,104
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	411	175	0	0	0	0	0	0	586
<b>Total:</b>	1,105	385	200	200	200	200	200	200	2,690

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	694	210	200	200	200	200	200	200	2,104

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

### 2018 - 2023 Proposed Capital Improvement Program



	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	411	175	0	0	0	0	0	0	586
<b>Total:</b>	1,105	385	200	200	200	200	200	200	2,690
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 Proposed Capital Improvement Program**

## Department of Parks and Recreation

**Urban Forestry - Green Seattle Partnership**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732340
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72442
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Forest Restoration
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	3,191	1,700	1,700	1,700	1,700	1,700	1,700	1,700	15,091
Real Estate Excise Tax I	6,083	1,172	0	0	0	0	0	0	7,255
King County Funds	140	0	0	0	0	0	0	0	140
State Grant Funds	0	192	0	0	0	0	0	0	192
CRS Misc Revenues	0	440	0	0	0	0	0	0	440
<b>Total:</b>	9,414	3,504	1,700	1,700	1,700	1,700	1,700	1,700	23,118

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,191	1,700	1,700	1,700	1,700	1,700	1,700	1,700	15,091
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	6,083	1,172	0	0	0	0	0	0	7,255
Cumulative Reserve Subfund - Unrestricted Subaccount	140	632	0	0	0	0	0	0	772
<b>Total:</b>	9,414	3,504	1,700	1,700	1,700	1,700	1,700	1,700	23,118

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,191	1,700	1,700	1,700	1,700	1,700	1,700	1,700	15,091
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	6,083	1,172	0	0	0	0	0	0	7,255
Cumulative Reserve Subfund - Unrestricted Subaccount	140	632	0	0	0	0	0	0	772
<b>Total:</b>	9,414	3,504	1,700	1,700	1,700	1,700	1,700	1,700	23,118
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total</b>
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			418	426	435	447	460	473	2,659

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Urban Forestry - Tree Replacement

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732339
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72442
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Forest Restoration
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	1,089	96	95	95	95	95	95	95	1,755
Real Estate Excise Tax I	182	58	0	0	0	0	0	0	240
Miscellaneous Grants or Donations	41	0	0	0	0	0	0	0	41
<b>Total:</b>	1,312	154	95	95	95	95	95	95	2,036

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,089	96	95	95	95	95	95	95	1,755
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	182	58	0	0	0	0	0	0	240
Cumulative Reserve Subfund - Unrestricted Subaccount	41	0	0	0	0	0	0	0	41
<b>Total:</b>	1,312	154	95	95	95	95	95	95	2,036

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,089	96	95	95	95	95	95	95	1,755

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

### 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	182	58	0	0	0	0	0	0	240
Cumulative Reserve Subfund - Unrestricted Subaccount	41	0	0	0	0	0	0	0	41
<b>Total:</b>	1,312	154	95	95	95	95	95	95	2,036

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

Utility Conservation Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K732336
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K72444
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Building Component Renovations
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Subfund Revenues	111	0	0	0	0	0	0	0	111
Real Estate Excise Tax II	1,318	250	250	250	250	250	250	250	3,068
Real Estate Excise Tax I	587	2	0	0	0	0	0	0	589
Miscellaneous Grants or Donations	938	408	105	105	105	105	105	105	1,976
<b>Total:</b>	2,954	660	355	355	355	355	355	355	5,744

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
General Subfund	111	0	0	0	0	0	0	0	111
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,318	250	250	250	250	250	250	250	3,068
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	587	2	0	0	0	0	0	0	589
Cumulative Reserve Subfund - Unrestricted Subaccount	938	408	105	105	105	105	105	105	1,976
<b>Total:</b>	2,954	660	355	355	355	355	355	355	5,744

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
General Subfund	111	0	0	0	0	0	0	0	111
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,318	250	250	250	250	250	250	250	3,068
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	587	2	0	0	0	0	0	0	589
Cumulative Reserve Subfund - Unrestricted Subaccount	938	408	105	105	105	105	105	105	1,976
<b>Total:</b>	2,954	660	355	355	355	355	355	355	5,744
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Zoo Major Maintenance

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	K730304
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	K720300
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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<b>Resources</b>									
Seattle Park District Revenues	476	1,869	1,891	1,938	1,987	2,037	2,088	2,140	14,426
<b>Total:</b>	476	1,869	1,891	1,938	1,987	2,037	2,088	2,140	14,426

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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<b>Fund Appropriations/ Allocations*</b>									
Parks Capital Fund	476	1,869	1,891	1,938	1,987	2,037	2,088	2,140	14,426
<b>Total:</b>	476	1,869	1,891	1,938	1,987	2,037	2,088	2,140	14,426

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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<b>Spending Plan</b>									
Parks Capital Fund	476	1,869	1,891	1,938	1,987	2,037	2,088	2,140	14,426
<b>Total:</b>	476	1,869	1,891	1,938	1,987	2,037	2,088	2,140	14,426

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program



# Seattle Center



### Overview

The place that we know today as Seattle Center has a long history as a gathering place for our city and region. It's where Native American tribes gathered for talk, ceremony, and celebration. In the 1920s a civic campus was created with the construction of the Civic Auditorium, Civic Ice Arena and Civic Field, with Mayor Bertha Landes presiding over the groundbreaking in 1927. In the 1930s the Washington State Armory (later called Center House and renamed the Armory in 2012) 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 gathering place is an 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), while others remain in need of major renovation and redevelopment (e.g., the Armory and Memorial Stadium).

Today, 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 skatepark, 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.

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 the Center to provide a safe and welcoming place for millions of annual visitors. Seattle Center's 2016-18 Strategic Business Plan places a strong emphasis on coordinated planning and resource allocation that integrates major maintenance and asset preservation funded in the CIP with regular ongoing facility maintenance funded in the operating budget. In 2015-2016, Seattle Center carried out the first phase of a Facility Condition Assessment of the campus to help guide future CIP and operating budget investments in Seattle Center facilities.

Seattle Center's CIP is funded from a variety of revenue sources including Real Estate Excise Tax (REET); the City's General Fund; Seattle Center revenues; voter-approved property tax levies; state, county and federal funds; City-issued LTGO bonds; proceeds from property sales; and private funds. Following the adoption of the Seattle Center Master Plan in 1990, two voter-approved levies raised \$62 million for Seattle Center's redevelopment. This amount in turn leveraged \$500 million in non-City funds, including \$440 million from private sources. In 2018, REET is the primary funding source for Seattle Center's proposed CIP budget.

In 2008, following a two-year community process, the City Council adopted the Seattle Center Century 21 Master Plan. This \$570 million, 20-year 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 plan is expected to be supported, as redevelopment has in the past, by a mix of private and public funding. In addition, Seattle Center is continuing the work of planning for the redevelopment of the northeast quadrant of the campus and potential updates to the master plan.

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.

### **2018-2023 CIP Highlights**

Seattle Center's Proposed 2018 CIP Budget is \$8.49 million. The 2018 CIP prioritizes funding to address key findings from the first phase of a Facility Condition Assessment (FCA) of Seattle Center facilities together with other asset preservation needs throughout the campus. The first phase of the FCA included the Armory, KeyArena, Central Plant, and selected campus roofs. The proposed CIP budget includes funding to address needs in each of these areas. In addition, the proposed budget provides funding to continue the FCA to provide a comprehensive picture of current and future capital needs at Seattle Center. In 2018, priority asset preservation investments include:

Armory – An ongoing program of renovation of the Seattle Center Armory continues in 2018 including renovation of the heavily-used public restrooms on the east side of the first floor. Armory renovation work completed in 2017 includes lead dust remediation in the Armory basement and replacement of fire sprinklers in the food court public space. REET I funding in 2018 for Armory Rehabilitation is \$802,000. In addition, for the costs of Armory food court renovations completed in 2012, Seattle Center will pay debt service of \$383,000 in 2018.

KeyArena – Asset preservation investments in KeyArena are overseen by the KeyArena Operating Board. Work completed in 2017 includes renovation of lighting controls, upgrades to the fire control system, and renovation of freight elevator controls.

Central Plant – Renovation of campus HVAC infrastructure in 2018 includes upgrades to the controls for the boilers which generate steam for heating buildings throughout the Seattle Center campus. Central Plant improvements completed in 2017 include energy efficiency upgrades to the campus chilled water system and upgrades to chiller controls. REET I funding in 2018 for campus mechanical and electrical infrastructure is \$925,000.

Campus Roofs – In 2018, \$712,000 of REET I funds are allocated for campus roof replacement needs identified in the Facility Condition Assessment.

Facility Condition Assessment Phase Two – In 2018, \$200,000 of REET I funds are allocated to continue the condition assessment of campus facilities. Facility needs identified in the FCA will be funded over the next six or more years.

International Fountain – In 2018, \$600,000 in REET I funding is allocated for renovation of bowl lighting and animation controls in the International Fountain. Fountain upgrades completed in 2017 include replacement of broken pavers and re-caulking of the fountain bowl.

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 Plan, under the direction of the McCaw Hall Operating Board. Work completed in 2017 includes upgrades to the backstage sound system. The total of REET and privately donated funds for McCaw Hall in 2018 is \$572,000.

Parking Improvements – In 2018, \$286,000 in REET I funding is allocated to repairs and improvements within Seattle Center’s three parking garages. Seattle Center’s parking garages are critical to the success of the over thirty campus resident organizations and provide an important revenue source to support Seattle Center operations. Parking garage repairs carried out in 2017 include concrete and water intrusion repairs in the Mercer Street garage.

Monorail Renovation – In 2018, \$1.3 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. In addition, \$500,000 of Transit Corridor funding is allocated in 2018 for one-time equipment and start-up costs related to the integration of the Monorail into the regional ORCA system. Monorail renovation work completed in 2017 includes installation of a new ticketing system.

Seattle Center Master Plan Update – Seattle Center’s 2018 CIP also builds on the Seattle Center Century 21 Master Plan to continue planning for the future. An additional \$500,000 of Seattle Center operating fund balance is allocated in 2018 to continue planning work regarding redevelopment opportunities in the northeast quadrant of the campus for the benefit of Seattle Center, the Uptown Urban Center, the city and the entire region.

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

The biggest challenges facing Seattle Center’s CIP are aging infrastructure, lack of funding, and an increasingly competitive environment for the sports and entertainment business that provides roughly two-thirds of the revenue supporting Seattle Center. The City’s 2003 Asset Preservation Study looked at best practices in the public and private sectors and set an initial annual asset preservation funding target of 1% of the replacement value for buildings and 0.5% for other assets (e.g., grounds and open space). By that calculation, Seattle Center should have been investing \$6.8 million annually in asset preservation (not including the Monorail, Mercer Arena or the Blue Spruce). This \$6.8 million amount in 2003 dollars inflated at 3% per year calculates to roughly \$10 million in 2018 dollars.

Center’s annual allocation of REET and CRS Unrestricted funding has been augmented by bond funds in 2003 (roof replacements and seismic improvements), 2007 (Monorail rehabilitation), and 2011 (Armory renovation). The 2003 bonds were repaid with REET funds, the same fund source being used to repay the 2011 Armory bonds. The 2007 Monorail bonds were repaid through CRS Unrestricted funds and federal grant funds. The City also allocated \$8 million from the sale of a Seattle Center surface parking lot to the Bill & Melinda Gates Foundation for capital improvements at Seattle Center, and \$4.7 million from the settlement with the Sonics for capital improvements in KeyArena and elsewhere on the grounds.

Due to economic impacts of the Great Recession, from 2009-2012, Seattle Center’s annual CRS REET and Unrestricted CIP funding (exclusive of debt service), dropped from \$3 million to \$1 million per year. Economic recovery has allowed REET funding levels to increase, which is particularly critical for Seattle

Center, as the one-time funding sources listed above (land sale to Gates Foundation, KeyArena Settlement Funds and City-issued bonds), are fully spent.

Seattle Center has completed the following projects from the 2008 Century 21 Master Plan: Broad Street Renovation Phase I (2009), new Seattle Center Skatepark (2009), Theater Commons (2010), Campus Signage Renovation (2011), Armory Atrium Renovation (2012), and Artists at Play (2015). The challenge in the coming years is how to fund the remaining vision of the master plan and maintain existing assets.

### **Thematic Priorities**

The thematic priorities for Seattle Center's 2018-2023 CIP are as follows:

Safety and Security – The safety of Seattle Center visitors and staff is always the first priority. In 2018, Seattle Center makes repairs to hard surface areas to address trip hazards.

Disabled Access – In 2018 Seattle Center continues to make progress throughout the campus in improving access for persons with disabilities.

Asset Preservation – In 2018, Seattle Center prioritizes funding to address key findings from the first phase of a Facility Condition Assessment (FCA) of Seattle Center facilities. Phase one of the FCA included the Armory, KeyArena, Central Plant, and selected campus roofs. Funding is allocated in 2018 to address needs in most of these areas. In addition, funding is provided in 2018 to continue assessments of Seattle Center facilities and infrastructure to develop a comprehensive picture of current and future capital needs at Seattle Center. Asset preservation work in McCaw Hall continues in 2018 and is overseen by the McCaw Hall Operating Board. Allocation levels for asset preservation in 2019-2023 will depend on available resources.

Energy Efficiency and Sustainability – Sustainability is a key principle of the Seattle Center Century 21 Master Plan. In 2018, Seattle Center continues to work with the City's Office of Sustainability and Environment on energy-saving measures at Seattle Center to make progress on the City's goal to reduce energy use in City facilities by 20% by the year 2020.

Implementation of the Seattle Center Century 21 Master Plan – In 2018, Seattle Center continues to focus planning efforts on redevelopment opportunities on the campus in conjunction with the Uptown Urban Design Framework, the Uptown/Seattle Center Strategic Parking Study, and proposed Uptown zoning changes.

Revenue Generation – Capital improvements which maintain and/or enhance a facility's ability to generate revenue are critical to the financial health of Seattle Center, where roughly two-thirds of the Seattle Center's budget comes from revenue generated by operations. Maintenance and improvement of revenue generating capacity can be as important as maintenance and improvements to building systems. In 2018, Seattle Center will invest in parking facilities and other event-related infrastructure that supports the revenue generating capacity of facilities throughout the campus.

Leverage Non-City Funds – In 2018, the City's \$281,000 allocation for the McCaw Hall Capital Reserve Fund is matched by a combined equal investment from the building's resident tenants, Seattle Opera and Pacific Northwest Ballet. The ability to use City investment to leverage non-City funds is a fundamental part of the history of the redevelopment and renewal of Seattle Center.

### **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, and leveraging non-City funds. The Center's four operating boards (Armory, Campus, KeyArena, and McCaw Hall) play a central role in identifying and prioritizing capital needs in the facilities they oversee, and the Seattle Center Executive Team takes all of this information and prioritizes projects across the entire Seattle Center campus. Seattle Center's campus-wide Facility Condition Assessment that began in 2015 and continues in 2018 will provide a comprehensive picture of current and future capital needs at Seattle Center to inform capital investment priorities.

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

The Seattle Center Century 21 Master Plan provides guidance for the redevelopment and maintenance of Seattle Center assets and facilities through 2028. In the immediate future, Seattle Center is focused on redevelopment of the eight-block area at the northeast quadrant of the campus, including the Memorial Stadium site, Mercer Arena site (redeveloped by Seattle Opera beginning in 2017), the KCTS site, Mercer Garage, and the former Kreielsheimer site currently owned by the Opera and City.

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
<b>Armory Rehabilitation</b>									<b>S9113</b>
<u>Debt Service</u>									
Armory Food Court Renovation - Debt Service (S1002)	1,972	382	383	381	380	383	0	0	3,881
<u>Ongoing</u>									
Armory Rehabilitation (S9113)	11,896	1,368	802	807	824	849	871	897	18,314
<b>Armory Rehabilitation</b>	13,868	1,750	1,185	1,188	1,204	1,232	871	897	22,195
<b>Campuswide Improvements and Repairs</b>									<b>S03P01</b>
<u>Ongoing</u>									
ADA Improvements (S9302)	2,594	2,290	0	0	0	0	0	0	4,884
Artwork Maintenance (S9303)	472	149	30	30	30	30	30	30	801
General Site Improvements (S0305)	2,752	348	600	322	325	339	347	356	5,389
Open Space Restoration and Repair (S9704)	8,585	1,563	225	528	539	556	570	587	13,153
Preliminary Engineering and Planning (S9706)	1,734	623	200	100	125	125	125	125	3,157
Seattle Center Long Range Investment Plan (S0703)	2,178	871	1,000	500	115	0	0	0	4,664
Site Signage (S9118)	3,134	148	400	100	100	100	100	100	4,182
<b>Campuswide Improvements and Repairs</b>	21,449	5,992	2,455	1,580	1,234	1,150	1,172	1,198	36,230
<b>Facility Infrastructure Renovation and Repair</b>									<b>S03P02</b>
<u>Ongoing</u>									
Roof/Structural Replacement and Repair (S9701)	8,639	99	712	500	514	527	540	557	12,088
<b>Facility Infrastructure Renovation and Repair</b>	8,639	99	712	500	514	527	540	557	12,088
<b>Fisher Pavilion</b>									<b>S9705</b>

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

## 2018 - 2023 Proposed Capital Improvement Program



<u>Ongoing</u>									
Fisher Pavilion Asset Preservation (S0701)	64	41	0	35	35	35	35	35	280
<b>Fisher Pavilion</b>	64	41	0	35	35	35	35	35	280
<b>KeyArena</b>	<b>BCL/Program Code:</b>							<b>S03P04</b>	
<u>Ongoing</u>									
KeyArena Improvements & Repairs (S9901)	4,175	1,646	0	0	0	0	0	0	5,821
<b>KeyArena</b>	4,175	1,646	0	0	0	0	0	0	5,821
<b>Lot 2 Development Project</b>	<b>BCL/Program Code:</b>							<b>S0501</b>	
<u>Ongoing</u>									
Lot 2 Development (S0501)	6,179	237	0	0	0	0	0	0	6,416
<b>Lot 2 Development Project</b>	6,179	237	0	0	0	0	0	0	6,416
<b>McCaw Hall Capital Reserve Fund</b>	<b>BCL/Program Code:</b>							<b>S0303</b>	
<u>Ongoing</u>									
McCaw Hall Asset Preservation (S0303)	2,489	1,748	572	590	608	626	644	664	7,941
<b>McCaw Hall Capital Reserve Fund</b>	2,489	1,748	572	590	608	626	644	664	7,941
<b>Mercer Arena Redevelopment</b>	<b>BCL/Program Code:</b>							<b>S0302</b>	
<u>Discrete</u>									
Mercer Arena Redevelopment (S0302)	0	4,800	0	0	0	0	0	0	4,800
<b>Mercer Arena Redevelopment</b>	0	4,800	0	0	0	0	0	0	4,800
<b>Monorail Improvements</b>	<b>BCL/Program Code:</b>							<b>S9403</b>	
<u>Ongoing</u>									
Monorail Improvements (S9403)	14,412	4,379	1,905	1,255	1,255	1,255	1,255	1,255	26,971
Monorail Improvements Debt Service (S0702)	5,040	551	0	0	0	0	0	0	5,591
<b>Monorail Improvements</b>	19,452	4,930	1,905	1,255	1,255	1,255	1,255	1,255	32,562
<b>Parking Repairs and Improvements</b>	<b>BCL/Program Code:</b>							<b>S0301</b>	
<u>Ongoing</u>									
Parking Repairs and Improvements (S0301)	2,090	987	286	264	270	278	285	294	4,754
<b>Parking Repairs and Improvements</b>	2,090	987	286	264	270	278	285	294	4,754
<b>Public Gathering Space Improvements</b>	<b>BCL/Program Code:</b>							<b>S9902</b>	

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## 2018 - 2023 Proposed Capital Improvement Program

<u>Ongoing</u>									
Public Gathering Space Improvements (S9902)	5,223	1,382	450	682	696	696	703	714	10,546
<b>Public Gathering Space Improvements</b>	5,223	1,382	450	682	696	696	703	714	10,546
<b>Theatre Improvements and Repairs</b>	<b>BCL/Program Code:</b>							<b>S9604</b>	
<u>Ongoing</u>									
Theatre Improvements and Repairs (S9604)	3,758	84	0	264	270	278	285	294	5,233
<b>Theatre Improvements and Repairs</b>	3,758	84	0	264	270	278	285	294	5,233
<b>Utility Infrastructure</b>	<b>BCL/Program Code:</b>							<b>S03P03</b>	
<u>Ongoing</u>									
Municipal Energy Efficiency Program (S1003)	420	215	0	0	0	0	0	0	635
Utility Infrastructure Master Plan & Repairs (S0101)	5,842	988	925	678	689	713	731	751	11,317
<b>Utility Infrastructure</b>	6,262	1,203	925	678	689	713	731	751	11,952
<b>Waste/Recycle Center, Warehouse and Shops Improvements</b>	<b>BCL/Program Code:</b>							<b>S9801</b>	
<u>Ongoing</u>									
Waste/Recycle Center, Warehouse and Shops Improvements (S9801)	295	0	0	58	59	61	63	64	600
<b>Waste/Recycle Center, Warehouse and Shops Improvements</b>	295	0	0	58	59	61	63	64	600
<b>Department Total:</b>	93,943	24,899	8,490	7,094	6,834	6,851	6,584	6,723	161,418

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Center

### Fund Summary

Fund Name & Code	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
2002B LTGO Capital Project Fund (34700)	5,388	0	0	0	0	0	0	0	5,388
2003 LTGO Capital Project 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)	420	215	0	0	0	0	0	0	635
2017 Multipurpose LTGO Bond Fund (36400)	0	4,800	0	0	0	0	0	0	4,800
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	28,396	11,799	4,883	4,619	4,726	4,840	4,555	4,674	68,492
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	175	0	0	0	0	0	0	0	175
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	26,256	5,229	2,035	1,385	1,385	1,385	1,385	1,385	40,445
KeyArena Settlement Proceeds Fund (00138)	2,402	38	0	0	0	0	0	0	2,440
McCaw Hall Capital Reserve (34070)	2,189	1,748	572	590	608	626	644	664	7,641
Private Resources (NA)	0	0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund (34060)	13,340	1,070	1,000	500	115	0	0	0	16,025
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>93,943</b>	<b>24,899</b>	<b>8,490</b>	<b>7,094</b>	<b>6,834</b>	<b>6,851</b>	<b>6,584</b>	<b>6,723</b>	<b>161,418</b>

*\*Amounts in thousands of dollars*

### 2018 - 2023 Proposed Capital Improvement Program

**Armory Food Court Renovation - Debt Service**

<b>Project Type:</b>	Debt Service	<b>Project No.:</b>	S1002
<b>Start/End Date:</b>	2011-2021	<b>BCL/Program Code:</b>	S9113
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Armory Rehabilitation
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	1,972	382	383	381	380	383	0	0	3,881
<b>Total:</b>	1,972	382	383	381	380	383	0	0	3,881

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,972	382	383	381	380	383	0	0	3,881
<b>Total:</b>	1,972	382	383	381	380	383	0	0	3,881

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,972	382	383	381	380	383	0	0	3,881
<b>Total:</b>	1,972	382	383	381	380	383	0	0	3,881

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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**2018 - 2023 Proposed Capital Improvement Program**

**Mercer Arena Redevelopment**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	S0302
<b>Start/End Date:</b>	2015-2018	<b>BCL/Program Code:</b>	S0302
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Mercer Arena Redevelopment
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	363 Mercer St
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$4,800	<b>Urban Village:</b>	Uptown

This project redevelops the Mercer Arena site at Seattle Center. In 2008, the City Council authorized execution of a 30-year ground lease agreement with Seattle Opera for the Mercer Arena site. The Opera plans to construct a new facility to house its administrative offices, rehearsal spaces, and technical facilities. The City is providing \$5 million in funding for project enhancements and additional public benefits included in the 3rd amendment to the 2008 ground lease.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Private Funding/Donations	0	0	0	0	0	0	0	0	0
2017 Multipurpose LTGO Bond Proceeds	0	4,800	0	0	0	0	0	0	4,800
<b>Total:</b>	0	4,800	0	0	0	0	0	0	4,800

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Private Resources	0	0	0	0	0	0	0	0	0
2017 Multipurpose LTGO Bond Fund	0	4,800	0	0	0	0	0	0	4,800
<b>Total:</b>	0	4,800	0	0	0	0	0	0	4,800

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Private Resources	0	0	0	0	0	0	0	0	0
2017 Multipurpose LTGO Bond Fund	0	4,800	0	0	0	0	0	0	4,800
<b>Total:</b>	0	4,800	0	0	0	0	0	0	4,800

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Center

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

**ADA Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S9302
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	175	0	0	0	0	0	0	0	175
Real Estate Excise Tax I	2,178	2,290	0	0	0	0	0	0	4,468
Property Sales and Interest Earnings	241	0	0	0	0	0	0	0	241
<b>Total:</b>	2,594	2,290	0	0	0	0	0	0	4,884

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	175	0	0	0	0	0	0	0	175
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,178	2,290	0	0	0	0	0	0	4,468
Cumulative Reserve Subfund - Unrestricted Subaccount	241	0	0	0	0	0	0	0	241
<b>Total:</b>	2,594	2,290	0	0	0	0	0	0	4,884

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	175	0	0	0	0	0	0	0	175

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,178	321	985	984	0	0	0	0	4,468
Cumulative Reserve Subfund - Unrestricted Subaccount	241	0	0	0	0	0	0	0	241
<b>Total:</b>	2,594	321	985	984	0	0	0	0	4,884

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program



**Armory Rehabilitation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S9113
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S9113
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Armory Rehabilitation
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	4,569	1,368	802	807	824	849	871	897	10,987
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
<b>Total:</b>	11,896	1,368	802	807	824	849	871	897	18,314

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,569	1,368	802	807	824	849	871	897	10,987
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
2002B LTGO Capital Project Fund	1,233	0	0	0	0	0	0	0	1,233
<b>Total:</b>	11,896	1,368	802	807	824	849	871	897	18,314

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,569	1,047	963	967	824	849	871	897	10,987
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
2002B LTGO Capital Project Fund	1,233	0	0	0	0	0	0	0	1,233
<b>Total:</b>	11,896	1,047	963	967	824	849	871	897	18,314
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

**Artwork Maintenance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S9303
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	31	0	0	0	0	0	0	0	31
Private Funding/Donations	5	0	0	0	0	0	0	0	5
Property Sales and Interest Earnings	436	149	30	30	30	30	30	30	765
<b>Total:</b>	472	149	30	30	30	30	30	30	801

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	31	0	0	0	0	0	0	0	31
Cumulative Reserve Subfund - Unrestricted Subaccount	441	149	30	30	30	30	30	30	770
<b>Total:</b>	472	149	30	30	30	30	30	30	801

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	31	0	0	0	0	0	0	0	31

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	441	98	56	55	30	30	30	30	770
<b>Total:</b>	472	98	56	55	30	30	30	30	801
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 Proposed Capital Improvement Program**

**Fisher Pavilion Asset Preservation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S0701
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S9705
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Fisher Pavilion
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	64	41	0	35	35	35	35	35	280
<b>Total:</b>	64	41	0	35	35	35	35	35	280

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	64	41	0	35	35	35	35	35	280
<b>Total:</b>	64	41	0	35	35	35	35	35	280

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	64	5	36	35	35	35	35	35	280
<b>Total:</b>	64	5	36	35	35	35	35	35	280

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**General Site Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S0305
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	1,030	348	600	322	325	339	347	356	3,667
Federal Grant Funds	615	0	0	0	0	0	0	0	615
General Subfund Revenues	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
<b>Total:</b>	<b>2,752</b>	<b>348</b>	<b>600</b>	<b>322</b>	<b>325</b>	<b>339</b>	<b>347</b>	<b>356</b>	<b>5,389</b>
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,030	348	600	322	325	339	347	356	3,667
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
2002B LTGO Capital Project Fund	109	0	0	0	0	0	0	0	109
<b>Total:</b>	<b>2,752</b>	<b>348</b>	<b>600</b>	<b>322</b>	<b>325</b>	<b>339</b>	<b>347</b>	<b>356</b>	<b>5,389</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,030	294	327	149	125	129	132	136	2,322
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
2002B LTGO Capital Project Fund	109	0	0	0	0	0	0	0	109
<b>Total:</b>	2,752	294	327	149	125	129	132	136	4,044
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

**KeyArena Improvements & Repairs**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S9901
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S03P04
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	KeyArena
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Key Arena Settlement Subfund Revenue	2,170	0	0	0	0	0	0	0	2,170
Real Estate Excise Tax I	2,005	1,646	0	0	0	0	0	0	3,651
<b>Total:</b>	4,175	1,646	0	0	0	0	0	0	5,821
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
KeyArena Settlement Proceeds Fund	2,170	0	0	0	0	0	0	0	2,170
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,005	1,646	0	0	0	0	0	0	3,651
<b>Total:</b>	4,175	1,646	0	0	0	0	0	0	5,821
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
KeyArena Settlement Proceeds Fund	2,170	0	0	0	0	0	0	0	2,170
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,005	1,525	1,015	688	646	666	683	704	7,932
<b>Total:</b>	4,175	1,525	1,015	688	646	666	683	704	10,102

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

**2018 - 2023 Proposed Capital Improvement Program**



	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

**2018 - 2023 Proposed Capital Improvement Program**

**Lot 2 Development**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S0501
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S0501
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Lot 2 Development Project
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	800	0	0	0	0	0	0	0	800
Private Funding/Donations	53	0	0	0	0	0	0	0	53
Property Sales and Interest Earnings-2	5,326	237	0	0	0	0	0	0	5,563
<b>Total:</b>	6,179	237	0	0	0	0	0	0	6,416

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	800	0	0	0	0	0	0	0	800
Seattle Center Capital Reserve Subfund	5,379	237	0	0	0	0	0	0	5,616
<b>Total:</b>	6,179	237	0	0	0	0	0	0	6,416

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	800	0	0	0	0	0	0	0	800
Seattle Center Capital Reserve Subfund	5,379	61	88	88	0	0	0	0	5,616
<b>Total:</b>	6,179	61	88	88	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.

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**McCaw Hall Asset Preservation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S0303
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S0303
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	McCaw Hall Capital Reserve Fund
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	300	0	0	0	0	0	0	0	300
Energy Rebates	3	0	0	0	0	0	0	0	3
Real Estate Excise Tax I	1,028	869	281	290	299	308	317	327	3,719
Private Funding/Donations	1,110	869	281	290	299	308	317	327	3,801
Property Sales and Interest Earnings-2	48	10	10	10	10	10	10	10	118
<b>Total:</b>	2,489	1,748	572	590	608	626	644	664	7,941

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	300	0	0	0	0	0	0	0	300
McCaw Hall Capital Reserve	2,189	1,748	572	590	608	626	644	664	7,641
<b>Total:</b>	2,489	1,748	572	590	608	626	644	664	7,941

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	300	0	0	0	0	0	0	0	300
McCaw Hall Capital Reserve	2,189	367	1,033	1,050	1,068	626	644	664	7,641
<b>Total:</b>	2,489	367	1,033	1,050	1,068	626	644	664	7,941

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

**2018 - 2023 Proposed Capital Improvement Program**

	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

**2018 - 2023 Proposed Capital Improvement Program**

**Monorail Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S9403
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S9403
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Monorail Improvements
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Federal Grant Funds	6,609	3,503	1,124	1,004	1,004	1,004	1,004	1,004	16,256
Private Funding/Donations	0	0	0	0	0	0	0	0	0
Property Sales and Interest Earnings-2	0	0	0	0	0	0	0	0	0
Federal ARRA Funds: FTA Transit Capital Assistance	1,000	0	0	0	0	0	0	0	1,000
Miscellaneous Revenues	1,615	876	281	251	251	251	251	251	4,027
Interdepartmental Transfer - SDOT	0	0	500	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>	14,412	4,379	1,905	1,255	1,255	1,255	1,255	1,255	26,971

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	9,224	4,379	1,905	1,255	1,255	1,255	1,255	1,255	21,783
2003 LTGO Capital Project 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>	14,412	4,379	1,905	1,255	1,255	1,255	1,255	1,255	26,971

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	9,224	352	3,451	2,155	2,836	1,255	1,255	1,255	21,783
2003 LTGO Capital Project 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>	14,412	352	3,451	2,155	2,836	1,255	1,255	1,255	26,971
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.

**2018 - 2023 Proposed Capital Improvement Program**

**Monorail Improvements Debt Service**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S0702
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S9403
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Monorail Improvements
		<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>	N/A	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Federal Grant Funds	2,170	300	0	0	0	0	0	0	2,470
Property Sales and Interest Earnings-2	2,317	251	0	0	0	0	0	0	2,568
General Obligation Bonds	553	0	0	0	0	0	0	0	553
<b>Total:</b>	5,040	551	0	0	0	0	0	0	5,591

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	4,487	551	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>	5,040	551	0	0	0	0	0	0	5,591

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	4,487	551	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>	5,040	551	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.

**2018 - 2023 Proposed Capital Improvement Program**



	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

**2018 - 2023 Proposed Capital Improvement Program**

**Municipal Energy Efficiency Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S1003
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S03P03
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Utility Infrastructure
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

General Obligation Bonds	420	215	0	0	0	0	0	0	635
<b>Total:</b>	420	215	0	0	0	0	0	0	635

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

2011 Multipurpose LTGO Bond Fund	420	215	0	0	0	0	0	0	635
<b>Total:</b>	420	215	0	0	0	0	0	0	635

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

2011 Multipurpose LTGO Bond Fund	420	215	0	0	0	0	0	0	635
<b>Total:</b>	420	215	0	0	0	0	0	0	635

			2018	2019	2020	2021	2022	2023	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.

**2018 - 2023 Proposed Capital Improvement Program**

**Open Space Restoration and Repair**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S9704
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	4,193	1,563	225	528	539	556	570	587	8,761
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
<b>Total:</b>	<b>8,585</b>	<b>1,563</b>	<b>225</b>	<b>528</b>	<b>539</b>	<b>556</b>	<b>570</b>	<b>587</b>	<b>13,153</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,193	1,563	225	528	539	556	570	587	8,761
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
2002B LTGO Capital Project Fund	1,175	0	0	0	0	0	0	0	1,175
<b>Total:</b>	<b>8,585</b>	<b>1,563</b>	<b>225</b>	<b>528</b>	<b>539</b>	<b>556</b>	<b>570</b>	<b>587</b>	<b>13,153</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,193	386	1,052	878	539	556	570	587	8,761
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
2002B LTGO Capital Project Fund	1,175	0	0	0	0	0	0	0	1,175
<b>Total:</b>	8,585	386	1,052	878	539	556	570	587	13,153
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

**Parking Repairs and Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S0301
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S0301
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Parking Repairs and 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, concrete repairs, garage resealing, elevator renovation and repair, signage improvements, installation of emergency phones, and installation of electronic parking access and revenue control systems.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	1,130	987	286	264	270	278	285	294	3,794
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
<b>Total:</b>	2,090	987	286	264	270	278	285	294	4,754

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,130	987	286	264	270	278	285	294	3,794
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
<b>Total:</b>	2,090	987	286	264	270	278	285	294	4,754

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,130	491	658	388	270	278	285	294	3,794

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	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
<b>Total:</b>	2,090	491	658	388	270	278	285	294	4,754
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

**Preliminary Engineering and Planning**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S9706
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	1,177	623	200	100	125	125	125	125	2,600
Property Sales and Interest Earnings-2	557	0	0	0	0	0	0	0	557
<b>Total:</b>	1,734	623	200	100	125	125	125	125	3,157

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,177	623	200	100	125	125	125	125	2,600
Cumulative Reserve Subfund - Unrestricted Subaccount	557	0	0	0	0	0	0	0	557
<b>Total:</b>	1,734	623	200	100	125	125	125	125	3,157

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,177	204	410	309	125	125	125	125	2,600
Cumulative Reserve Subfund - Unrestricted Subaccount	557	0	0	0	0	0	0	0	557
<b>Total:</b>	1,734	204	410	309	125	125	125	125	3,157

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

**2018 - 2023 Proposed Capital Improvement Program**

	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

**2018 - 2023 Proposed Capital Improvement Program**



**Public Gathering Space Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S9902
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S9902
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Public Gathering Space 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	2,307	1,267	350	582	596	596	603	614	6,915
Private Funding/Donations	60	0	0	0	0	0	0	0	60
Property Sales and Interest Earnings-2	1,436	115	100	100	100	100	100	100	2,151
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
<b>Total:</b>	5,223	1,382	450	682	696	696	703	714	10,546

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,307	1,267	350	582	596	596	603	614	6,915
Cumulative Reserve Subfund - Unrestricted Subaccount	1,496	115	100	100	100	100	100	100	2,211
Seattle Center Capital Reserve Subfund	1,280	0	0	0	0	0	0	0	1,280
2002B LTGO Capital Project Fund	140	0	0	0	0	0	0	0	140
<b>Total:</b>	5,223	1,382	450	682	696	696	703	714	10,546

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,307	528	545	544	350	350	350	350	5,324
Cumulative Reserve Subfund - Unrestricted Subaccount	1,496	95	110	110	100	100	100	100	2,211
Seattle Center Capital Reserve Subfund	1,280	0	0	0	0	0	0	0	1,280
2002B LTGO Capital Project Fund	140	0	0	0	0	0	0	0	140
<b>Total:</b>	5,223	623	655	654	450	450	450	450	8,955
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

**Roof/Structural Replacement and Repair**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S9701
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S03P02
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Facility Infrastructure Renovation and Repair
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	705	99	712	500	514	527	540	557	4,154
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
<b>Total:</b>	<b>8,639</b>	<b>99</b>	<b>712</b>	<b>500</b>	<b>514</b>	<b>527</b>	<b>540</b>	<b>557</b>	<b>12,088</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	705	99	712	500	514	527	540	557	4,154
Cumulative Reserve Subfund - Unrestricted Subaccount	1,154	0	0	0	0	0	0	0	1,154
2002B LTGO Capital Project Fund	450	0	0	0	0	0	0	0	450
2003 LTGO Capital Project Fund	6,330	0	0	0	0	0	0	0	6,330
<b>Total:</b>	<b>8,639</b>	<b>99</b>	<b>712</b>	<b>500</b>	<b>514</b>	<b>527</b>	<b>540</b>	<b>557</b>	<b>12,088</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	705	42	741	528	514	527	540	557	4,154
Cumulative Reserve Subfund - Unrestricted Subaccount	1,154	0	0	0	0	0	0	0	1,154
2002B LTGO Capital Project Fund	450	0	0	0	0	0	0	0	450
2003 LTGO Capital Project Fund	6,330	0	0	0	0	0	0	0	6,330
<b>Total:</b>	8,639	42	741	528	514	527	540	557	12,088
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

**Seattle Center Long Range Investment Plan**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S0703
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S03P01
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Key Arena Settlement Subfund Revenue	232	38	0	0	0	0	0	0	270
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
Property Sales and Interest Earnings-2	1,894	0	0	0	0	0	0	0	1,894
Seattle Center Fund	52	833	1,000	500	115	0	0	0	2,500
<b>Total:</b>	<b>2,178</b>	<b>871</b>	<b>1,000</b>	<b>500</b>	<b>115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,664</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
KeyArena Settlement Proceeds Fund	232	38	0	0	0	0	0	0	270
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund	1,946	833	1,000	500	115	0	0	0	4,394
<b>Total:</b>	<b>2,178</b>	<b>871</b>	<b>1,000</b>	<b>500</b>	<b>115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,664</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
KeyArena Settlement Proceeds Fund	232	38	0	0	0	0	0	0	270

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund	1,946	623	1,210	500	115	0	0	0	4,394
<b>Total:</b>	2,178	661	1,210	500	115	0	0	0	4,664
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

**Site Signage**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S9118
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S03P01
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	143	148	400	100	100	100	100	100	1,191
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
<b>Total:</b>	3,134	148	400	100	100	100	100	100	4,182

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	143	148	400	100	100	100	100	100	1,191
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
<b>Total:</b>	3,134	148	400	100	100	100	100	100	4,182

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	143	16	466	166	100	100	100	100	1,191
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
<b>Total:</b>	3,134	16	466	166	100	100	100	100	4,182
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program



**Theatre Improvements and Repairs**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S9604
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S9604
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Theatre Improvements and Repairs
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	1,044	49	0	264	270	278	285	294	2,484
Property Sales and Interest Earnings-2	1,584	35	0	0	0	0	0	0	1,619
General Obligation Bonds	1,130	0	0	0	0	0	0	0	1,130
<b>Total:</b>	3,758	84	0	264	270	278	285	294	5,233

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,044	49	0	264	270	278	285	294	2,484
Cumulative Reserve Subfund - Unrestricted Subaccount	1,584	35	0	0	0	0	0	0	1,619
2002B LTGO Capital Project Fund	1,130	0	0	0	0	0	0	0	1,130
<b>Total:</b>	3,758	84	0	264	270	278	285	294	5,233

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,044	15	34	264	270	278	285	294	2,484

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,584	10	25	0	0	0	0	0	1,619
2002B LTGO Capital Project Fund	1,130	0	0	0	0	0	0	0	1,130
<b>Total:</b>	3,758	25	59	264	270	278	285	294	5,233
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

**Utility Infrastructure Master Plan & Repairs**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S0101
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S03P03
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Utility Infrastructure
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	4,453	988	925	678	689	713	731	751	9,928
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
<b>Total:</b>	5,842	988	925	678	689	713	731	751	11,317

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,453	988	925	678	689	713	731	751	9,928
2002B LTGO Capital Project Fund	1,151	0	0	0	0	0	0	0	1,151
2003 LTGO Capital Project Fund	238	0	0	0	0	0	0	0	238
<b>Total:</b>	5,842	988	925	678	689	713	731	751	11,317

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,453	697	771	623	489	503	516	531	8,583

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**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2002B LTGO Capital Project Fund	1,151	0	0	0	0	0	0	0	1,151
2003 LTGO Capital Project Fund	238	0	0	0	0	0	0	0	238
<b>Total:</b>	5,842	697	771	623	489	503	516	531	9,972
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

**Waste/Recycle Center, Warehouse and Shops Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	S9801
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	S9801
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Waste/Recycle Center, Warehouse and Shops 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	295	0	0	58	59	61	63	64	600
<b>Total:</b>	295	0	0	58	59	61	63	64	600

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	295	0	0	58	59	61	63	64	600
<b>Total:</b>	295	0	0	58	59	61	63	64	600

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	295	0	0	58	59	61	63	64	600
<b>Total:</b>	295	0	0	58	59	61	63	64	600

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 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). As a result of that \$290.7 million program, which was funded by a combination of public and private sources, Seattle had a new Central Library and four new branch libraries in the Delridge, International District/Chinatown, Northgate and South Park neighborhoods. In addition, each of the 22 branch libraries that were in the system as of 1998 was renovated, expanded or replaced. The LFA program increased the amount of physical space that the Library maintains by 80% to a total of over 600,000 square feet.

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 landmark 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 BCL is the primary capital project, providing ongoing funding for work that preserves or improves building integrity, efficiency and functionality.

## CIP Revenue Sources

Historically, Real Estate Excise Tax (REET) was the primary source of funding for the Library’s Capital Improvement Program (CIP), with an additional smaller allocation from the General Fund. Upon passage of the Library Levy, the City shifted most routine major maintenance funding from REET/General Fund to the levy. The Real Estate Excise Tax continues 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 major maintenance requirements not anticipated during the planning of the levy.

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, building infrastructure renovations, or replacement of major building systems at the Central Library and larger branches. Additional financial support is 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.

## CIP Highlights

In 2012, the Library worked with the Mayor and City Council to develop a Library Levy proposal that voters approved in August of 2012. One of the core areas the levy funds is major maintenance. The Library Levy provides funding of approximately \$4.072 million in 2018 and roughly \$1.876 million in 2019. The first two years of the Library's 2018-2023 CIP provide a base level of support for asset management during this critical period when all buildings have surpassed the ten-year mark from their LFA construction or renovation. Planning has begun for Library Levy renewal; however, to maintain conservative projections, Levy renewal is not assumed for the final four years of the 2018-2023 CIP. The Library's 2020-2023 major maintenance program will be severely reduced without renewed levy support.

Several larger projects are either starting or continuing in 2018 at both the Central Library and the branches. Branch projects scheduled to begin during 2018 include major HVAC work (split system replacement to upgrade IT room cooling) at multiple branches, with emphasis on landmarked branches; roof repair, along with other major maintenance improvements, at Lake City to coincide with the interior Reimagining of that branch (currently in planning stages); Reimagining the South Park branch; exterior access improvements at Douglass-Truth branch (currently in planning stages); and updating the elevator at Green Lake.

Multi-year projects at branches that may carry over from 2017 into 2018 include varying degrees of building envelope and window restoration at three century-old Carnegie branches (Queen Anne, Columbia and Fremont); roof repair at Green Lake; Phase 2 of window replacement at another Carnegie-era branch (University); and garage lighting upgrades at Capitol Hill, Montlake and Greenwood.

The iconic Central Library requires a significant portion of CIP funds, which are often distributed over multi-year projects. Larger, complex and challenging projects such as the Level 3 flooring upgrades and interior curtain wall assessment/maintenance are planned and staged sequentially to minimize the impact on Library services to patrons. These are multi-year projects which require careful logistical coordination as Central Library is one of the City's most frequently visited (and visible) facilities. The Library's goal is to keep the building open during construction although access to some areas will be restricted. Flooring work began in 2017 and may continue into 2018; it is 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. Additional projects planned for later 2017 or 2018 include security and storage improvements on Level 10 for the Seattle Room/Special Collections; security camera upgrades throughout the building; and repainting on Level 4.

Real Estate Excise Tax (REET) revenue plays a vital role in supporting projects beyond the scope of the Library's Levy-funded major maintenance program. REET will fund significant capital efforts in 2018:

- \$550,000 will support the Library's "Re-imagining Spaces" efforts, to modify Library spaces and better address patron and community uses of libraries. Planned sites include Lake City and South Park.
- Prior year allocations totaling \$1.5 million provided support for the continuing Level 3 raised flooring upgrades, which could finish by year-end 2017 but may extend into Q1 2018. The existing raised, continuous wood flooring is highly worn and it prevents full access to the plenum space below. The current flooring cannot support equipment that will allow high-access to ceiling-level lighting and for

inspecting the fire suppression system, as well as providing safe and easy access for the staging of major programs and exhibits. Replacing and reinforcing the raised pedestal floor plenum system required funding beyond routine maintenance costs.

- A prior year allocation of \$500,000 to assess the Central Library's interior glass and steel curtain wall will be expended after completion of the Level 3 flooring upgrades, as the flooring upgrades are necessary to support lift equipment required to evaluate both the fire suppression system and the curtain wall.

### Thematic Priorities

The Library's CIP projects beginning in 2018 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 our buildings as long as possible. Roughly \$2.2 million of the Library's total proposed 2018 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 restoration is scheduled at Queen Anne, Columbia, Fremont, Montlake and Green Lake, contingent upon which projects begin in later 2017.

#### 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:

1. upgrades to help the Library reduce operating costs while minimizing impact to the public;
2. renovations to enhance the environmental sustainability of Library buildings; and
3. repairs and improvements that augment the safety of library facilities (obviously, if there are immediate safety concerns or building integrity is at stake, those projects assume the highest priority).

The Central Library is approaching the mid-point of its second decade of life; 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 of its life where deficiencies and omissions manifest themselves as emergent challenges to operations or as emergencies. Over the past two years, 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 with more reliable, updated systems there will also be opportunities for energy and operational savings.

As Central Library's Recommissioning project has concluded, the branches will be the focus in the coming months. Nearly \$1.35 million is budgeted in 2018 for upgrading/replacing multiple building systems (HVAC, mechanical, electrical, plumbing) at multiple branches, with emphasis on landmarked branches. Upgrades to the Green Lake elevator are also included in that \$1.35 million. 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. Roughly \$1 million is budgeted for new 2018 projects that are predominantly public service improvements. Reimagining projects at Lake City and South Park are scheduled for 2018. Reimagining the Lake City branch is much more complex (as it is a landmarked building); planning for that project began in 2017 and construction is scheduled for spring 2018. Planning for South Park began mid-2017 for 2018 construction. A non-Reimagining public service improvement project, Douglass-Truth exterior ramp & stairs access upgrades, is also scheduled for 2018. While these projects mostly fall under the "public service improvements" category, they also contribute to other thematic priorities such as asset preservation and building safety.

### **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.

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

#### Levy Renewal

The 2012 Library Levy provides critical resources that support a responsible capital program and preserve welcoming Library spaces throughout the city. The Library is 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. The Library has begun a similar effort for levy renewal during the 2019 election cycle.

The Library hired a new Facilities & Security Manager in April of 2017, who reviewed the condition of the Central Library and the system's 26 branches. In partnership with the Library's Administrative Services Director, CIP Program Manager, Capital Finance Manager and Levy Administrator, he will identify outstanding issues and model future infrastructure projects/costs to include in the levy renewal package.

The current Library Levy will conclude at the end of the second year (2019) 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." During the 2013-14 CIP budget process, all routine major maintenance funding was shifted from REET to the Levy in response to direction from the City Budget Office. Since then, REET funding has been used to supplement Library Levy major maintenance funding, especially for expansive projects which exceed the intended scope of the Levy's annual major maintenance allocation.

### Aging Buildings and Infrastructure

Library buildings are the most intensively-used City facilities in Seattle. The Central Library hosts roughly 1.5 million visitors annually, and library branches serving over 4 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 1990's, 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:

1. support learning experiences and programs for patrons, rather than serving as a location where a patron completes a transaction;
2. provide that experience in more flexible, adaptable spaces, responsive to service, patron, and demographic changes; and
3. in those spaces, reflect the expressed needs of our individual neighborhoods and communities, while maintaining The Seattle Public Library qualitative experience.

Upcoming Reimagining projects include the Lake City and South Park branches; each is progressing through the planning and design phases during 2017 for construction in 2018.

The Reimagining Spaces initiative will continue for the next five to seven years. The Library's Programs and Services Division is continuing a programmatic 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

As has been previously communicated, the Library is seeking a permanent location for its off-site maintenance shop and storage functions, as well as parking Library delivery vehicles. The Library has entered into a 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 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 recent sale of the Queen Anne Storage facility will be used to partially offset the cost of a new facility.

The Library is also assisting one of the Library's partners, the Friends of the Library, in seeking operational and storage space, as the WA Secretary of State has terminated their lease at 9th and Lenora effective December 18, 2018. The Friends provide an essential service to the Library by processing surplus Library materials, and the loss of the Friends' lease jeopardizes that critical function and would also eliminate access to low-cost reading materials that is highly valued by teachers and the general public. While the Friends have some capacity to acquire a new location, we anticipate that they may need some support from the Library in the current market for a lease agreement and/or tenant improvements.

# The Seattle Public Library

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total</b>
<b>ADA Improvements - Library</b>					<b>BCL/Program Code:</b>				<b>B301112</b>
<u>Ongoing</u>									
ADA Improvements - Library (B301112)	790	265	0	0	0	0	0	0	1,055
<b>ADA Improvements - Library</b>	790	265	0	0	0	0	0	0	1,055
<b>Central Library Infrastructure Improvements</b>					<b>BCL/Program Code:</b>				<b>B301113</b>
<u>Ongoing</u>									
Central Library Infrastructure Improvements (B301113)	857	743	0	0	0	0	0	0	1,600
<b>Central Library Infrastructure Improvements</b>	857	743	0	0	0	0	0	0	1,600
<b>Library Major Maintenance</b>					<b>BCL/Program Code:</b>				<b>B301111</b>
<u>Ongoing</u>									
Library Major Maintenance (B301111)	13,326	11,270	4,622	2,440	584	600	618	640	34,100
<b>Library Major Maintenance</b>	13,326	11,270	4,622	2,440	584	600	618	640	34,100
<b>Department Total:</b>	14,973	12,278	4,622	2,440	584	600	618	640	36,755

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

### 2018 - 2023 Proposed Capital Improvement Program

# The Seattle Public Library

## Fund Summary

Fund Name & Code	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
2012 Library Levy Fund (18100)	8,419	7,647	4,072	1,876	0	0	0	0	22,014
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	6,114	4,631	550	564	584	600	618	640	14,301
General Subfund (00100)	440	0	0	0	0	0	0	0	440
Library Capital Subfund (10450)	0	0	0	0	0	0	0	0	0
<b>Department Total:</b>	14,973	12,278	4,622	2,440	584	600	618	640	36,755

*\*Amounts in thousands of dollars*

**2018 - 2023 Proposed Capital Improvement Program**



## The Seattle Public Library

### ADA Improvements - Library

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	B301112
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	B301112
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	ADA Improvements - Library
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	790	265	0	0	0	0	0	0	1,055
<b>Total:</b>	790	265	0	0	0	0	0	0	1,055

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	790	265	0	0	0	0	0	0	1,055
<b>Total:</b>	790	265	0	0	0	0	0	0	1,055

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	790	265	0	0	0	0	0	0	1,055
<b>Total:</b>	790	265	0	0	0	0	0	0	1,055

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

**Central Library Infrastructure Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	B301113
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	B301113
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Central Library Infrastructure 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	857	743	0	0	0	0	0	0	1,600
<b>Total:</b>	857	743	0	0	0	0	0	0	1,600

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	857	743	0	0	0	0	0	0	1,600
<b>Total:</b>	857	743	0	0	0	0	0	0	1,600

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	857	743	0	0	0	0	0	0	1,600
<b>Total:</b>	857	743	0	0	0	0	0	0	1,600

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

**2018 - 2023 Proposed Capital Improvement Program**

# The Seattle Public Library

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## The Seattle Public Library

**Library Major Maintenance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	B301111
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	B301111
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Library Major Maintenance
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Subfund Revenues	440	0	0	0	0	0	0	0	440
Real Estate Excise Tax I	4,467	3,623	550	564	584	600	618	640	11,646
Property Sales and Interest Earnings	0	0	0	0	0	0	0	0	0
Property Sales and Interest Earnings-2	0	0	0	0	0	0	0	0	0
Seattle Voter-Approved Levy	8,419	7,647	4,072	1,876	0	0	0	0	22,014
<b>Total:</b>	13,326	11,270	4,622	2,440	584	600	618	640	34,100

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
General Subfund	440	0	0	0	0	0	0	0	440
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,467	3,623	550	564	584	600	618	640	11,646
Library Capital Subfund	0	0	0	0	0	0	0	0	0
2012 Library Levy Fund	8,419	7,647	4,072	1,876	0	0	0	0	22,014
<b>Total:</b>	13,326	11,270	4,622	2,440	584	600	618	640	34,100

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
General Subfund	440	0	0	0	0	0	0	0	440
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,467	3,623	550	564	584	600	618	640	11,646
Library Capital Subfund	0	0	0	0	0	0	0	0	0
2012 Library Levy Fund	8,419	7,647	4,072	1,876	0	0	0	0	22,014
<b>Total:</b>	13,326	11,270	4,622	2,440	584	600	618	640	34,100
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 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:

- 1,547 lane-miles of arterial streets;
- 2,407 lane-miles of non-arterial streets;
- 119 bridges;
- 509 stairways;
- 587 retaining walls;
- 22 miles of seawalls;
- 1,077 signalized intersections;
- 41.1 miles of multi-purpose trails;
- 338 miles of on-street bicycle facilities;
- more than 184,000 signs;
- 40,000 street trees;
- 1,736 pay stations; and
- 29,797 curb ramps.

The 2018 Proposed Budget and the 2018-2023 Proposed Capital Improvement Program (CIP) emphasize transportation safety, efficient mobility of goods, and mobility for people of all ages and abilities. It is worth noting that 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 transit projects such as the Center City Streetcar, making existing transit more efficient through our RapidRide corridor development program, implementing a more responsive permitting system and completing regional projects such as the Seawall and waterfront.

## Seattle Department of Transportation

These projects, combined with privately-funded development and state projects such as the Convention Center expansion and removal of the viaduct, are leading to an unprecedented level of construction and congestion in downtown Seattle during 2018-2021.

The 2018-2023 Proposed CIP shows modified spending plans for the Move Seattle Levy that 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 2018 Proposed Budget.

The budget and CIP outline investments in critical transportation infrastructure needs and include planned spending of more than \$2 billion during 2018-2023. 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:

- \$5,435,000 in 2018 for Arterial Major Maintenance;
- \$9,842,000 in 2018 for Arterial Asphalt & Concrete Program Phase II; and
- \$1,733,000 in 2018 for Non-Arterial Street Resurfacing and Restoration.

This level of investment will pave approximately 31 lane-miles of roadway in 2018. In addition to the spot paving projects performed annually by SDOT crews, major contract projects are planned on the following streets: S Dearborn St in the Industrial District and North Beacon Hill; S Columbian Way/S Alaska St in Beacon Hill; Swift Ave S/S Myrtle St / S Othello St in Beacon Hill, Holly Park and Rainier Valley; Wilson Ave S in Seward Park; University Way NE in the University District and 35th Ave NE/NE 45th Pl in Ravenna.

**Pedestrian Master Plan Investments:** The 2018-2013 Proposed CIP includes five projects that advance the Pedestrian Master Plan recommendations.

- The Pedestrian Master Plan - New Sidewalks project (TC367600) includes \$5.7 million in 2018 to design and construct new sidewalks. Of the total, \$1.7 million in 2018 is funded by ticket revenue generated from fixed automated cameras located near school zones, and red light cameras. These funds will be used to construct sidewalks within Seattle Public Schools walk zones. The remaining \$4 million is eligible for use anywhere in Seattle.
- The Pedestrian Master Plan – School Safety project (TC367170) 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 2018 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. This amount includes new funding of \$484,000 in 2018 to support the rehabilitation of stairways in school walk zones. Council increased from 10% to 20% the total

## Seattle Department of Transportation

proportion of revenue from red-light camera violations that is dedicated to the SSTPIF and directed the new increment to this CIP. The red light camera revenue that supports this CIP project totals \$400,000 in 2018.

- The Pedestrian Master Plan – Stairway Rehabilitation program (TC367930) has been split out from the Pedestrian Master Plan Implementation project. This program totals \$1,332,224 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 Implementation project (TC367150) will continue to fund pedestrian crossing improvements. The proposed CIP includes \$2,650,000 in 2018 for this project. The name will be changed to Pedestrian Master Plan – Crossing Improvements.
- SDOT has created the new SDOT ADA Program (TC368040) . The funding was formerly in the Pedestrian Master Plan Implementation project. In 2018, the project includes \$4.3 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>2018</b>	<b>2019</b>
Pedestrian Master Plan - Crossing Improvements	2,650,000	2,690,000
Pedestrian Master Plan - New Sidewalks	5,700,104	5,161,950
Pedestrian Master Plan - School Safety	2,892,000	3,134,000
Pedestrian Master Plan - Stairway Rehabilitation	1,332,224	1,358,970
SDOT ADA Program	4,300,000	4,330,000
<b>Total</b>	<b>16,874,328</b>	<b>16,674,920</b>

***Bicycle Master Plan Investments:*** The Bicycle Master Plan investments in the proposed CIP include \$13.1million for implementation in 2018. The 2018 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 \$9.5 million Bike Master Plan budget, \$2.7 million is allocated for neighborhood greenways; \$1 million is allocated for spot improvements and \$7.48 million is allocated for protected bike lanes.

## Seattle Department of Transportation

The table below shows a summary of the Bicycle Master Plan investments:

<b>Bike Master Plan Projects</b>	<b>2018</b>	<b>2019</b>
Bike Master Plan - Greenways	2,700,000	4,300,000
Bike Master Plan - Protected Bike Lanes	9,480,000	3,926,000
Bike Master Plan - Urban Trails & Bikeways	1,000,000	1,000,000
<b>Total</b>	<b>13,180,000</b>	<b>9,226,000</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>2018</b>	<b>2019</b>
Burke-Gilman Trail Extension	4,930,730	3,086,970
NE 43rd Street Improvements	540,000	540,000
Sidewalk Safety Repair	3,560,600	1,591,812
SPU Drainage Partnership - Broadview Ped Improvements		594,000
Northgate Bridge and Cycle Track	65,000	13,892,022
Fauntleroy Way SW Boulevard	11,860,000	3,840,000
<b>Total</b>	<b>20,956,330</b>	<b>23,544,804</b>

### ***Transit Projects:***

The 2018 Proposed CIP contains several large capital projects including the Center City Streetcar Connector and Madison Street Bus Rapid Transit. Both projects are in the Federal Transit Administration's Small Starts program. The advanced utility work for the Center City Streetcar Connector project begins in 2017 and construction will continue into 2018. The 1.27-mile streetcar will complete the streetcar network by connecting the South Lake Union Streetcar and the First Hill Streetcar. The Madison BRT project is one of seven BRT projects in the Move Seattle Levy. In 2018, Madison BRT, Roosevelt RapidRide, Delridge RapidRide, Rainier RapidRide, and Market/45th RapidRide will be proceeding through design. Madison BRT is expected to start construction in 2018. 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.

A new item in the proposed CIP is a \$500,000 investment of vehicle license fees to pay the capital costs of implementing the ORCA fare payment system on the Seattle Center Monorail. This funding is included in the Transit Corridor Improvements project. For additional information, please see the Seattle Center section of the Capital Improvement Program.

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The table below shows a summary of the transit investments:

<b>Transit Master Plan Projects</b>	<b>2018</b>	<b>2019</b>
Accessible Mt. Baker Implementation		850,000
23rd Avenue Corridor Improvements	10,216,529	5,568,800
3rd Avenue Corridor Improvements		557,980
Broadway Streetcar Extension		20,360,000
BRT Concepts Design	500,000	500,000
Center City Streetcar Connector	36,363,194	73,325,000
Delridge Multimodal Corridor	1,000,000	5,074,539
Madison Street Bus Rapid Transit	4,050,000	104,058,927
Market / 45th Multimodal Corridor	250,000	750,000
Rainier / Jackson Multimodal Corridor	1,400,000	2,227,857
Roosevelt Multimodal Corridor	2,855,700	7,189,135
Route 40 Northgate to Downtown Transit Improvements		575,000
Route 48 South Electrification	187,298	5,665,010
Sound Transit - East Link	170,000	70,000
Sound Transit North Link	308,278	309,629
Transit Corridor Improvements	4,073,079	3,823,000
<b>Total</b>	<b>61,374,078</b>	<b>230,904,877</b>

### ***Freight Projects:***

The most significant freight investment in the proposed CIP is the South Lander Street Grade Separation project. This \$125 million project will enhance mobility and safety by building a new grade-separated crossing over the Burlington Northern/Santa Fe railroad tracks in SODO. The proposed CIP provides \$36 million of City funds to support this project. The project has also received nearly \$60 million in Federal funding, \$14 million of state funds, and \$17.5 million from the Port of Seattle and BNSF.

In addition, under the Heavy Haul Network program, the E Marginal Way Corridor Improvement Project is underway with \$500,000 in levy funding. 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 2018-2013 Proposed CIP also includes \$1.5 million annually for the Freight Spot Improvements project which includes small-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>2018</b>	<b>2019</b>
Freight Spot Improvement Program	1,500,000	2,100,000
Heavy Haul Network Program	500,000	3,500,000
S Lander St. Grade Separation	21,500,000	73,750,000
<b>Total</b>	<b>23,500,000</b>	<b>79,350,000</b>

**Traffic Cameras and Signals:** The City owns 158 traffic cameras, most of which were beyond or nearing the end of their useful life; moreover, funding to maintain these cameras in good working order was not identified in budgets prior to 2015. These cameras are needed so that staff at the Traffic Operations Center can adjust signals and dynamic message signs, communicate with first responders, and respond to changing conditions. The 2018-2023 Proposed CIP continues to replace these cameras at an annual cost of \$600,000 through 2018; funding for this effort is included in the Next Generation Intelligent Transportation Systems (ITS) CIP. In addition, \$50,000 annually is included in the operating budget to keep these cameras in good working order and extend the life cycle of these assets.

### **Bridge Projects:**

The City owns 119 bridges and maintaining all of them in appropriate condition is a major challenge. The 2018-2023 Proposed CIP includes Move Seattle Levy funding to construct the replacement of the Fairview Avenue N Bridge, which is the last vehicular timber bridge in Seattle. The funding is leveraging state and federal grants.

A new initiative included in the proposed CIP is a pilot project to automate the opening and closing of one movable bridge during 2018. The City operates five movable bridges that open approximately 15,400 times annually. A new Bridge System Enhancement project has been added to the CIP which is funded by \$3 million of commercial parking tax. This pilot project includes a remote operations location as well as communication and video enhancements. If all of the movable bridges are automated, it could result in approximately \$1 million in annual cost savings for bridge operations as well as reduce or eliminate unnecessary bridge openings.

The Move Seattle Levy also provides funding for the next phase in the Bridge Seismic program. Bridge Seismic projects underway in 2017 include Cowen Park Bridge, 8th Ave NW/133rd St Bridge, NE 45th St Approach, and W Howe St Bridge.

Another investment in the 2018-2023 Proposed CIP relates to bridge load rating standards, which were modified by the Federal Highway Administration in November 2013. The standards require the City to re-do load ratings for 63 bridges by 2022. The estimated cost per bridge ranges from \$20,000 to \$40,000; thus, the proposed CIP includes \$500,000 of Real Estate Excise Tax and \$99,000 of gas tax in 2018 to address this mandate. This level of investment is also included in each year in 2019-2021.

The 2018-2023 Proposed CIP also includes \$2,135,000 annually for the Bridge Painting program.

**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

## Seattle Department of Transportation

Project. Additionally, separate capital projects exist within the Department of Parks and Recreation (Waterfront Pier projects, Aquarium Expansion) and the Department of Finance and Administrative Services (Pike Place Market PC1-N project).

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 project was completed in 2017. There are no changes to the Waterfront capital projects 2018 appropriations from the endorsed budget.

The Alaskan Way Main Corridor and the Overlook Walk and East-West Connection projects are led by the Office of the Waterfront. The Alaskan Way Main Corridor project includes the design and construction of the Alaskan Way/Elliott Way surface street and the adjoining pedestrian promenade along the waterfront. 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 intends to complete 90% design of the Main Corridor project in 2017. Advertisement for construction of the Main Corridor project is scheduled for 2018. The Washington State Department of Transportation (WSDOT)'s new State Route 99 tunnel is currently projected to open in 2019. Major construction related to the Alaskan Way Main Corridor project is anticipated to begin in 2019, with construction of the Overlook Walk and East-West Connection projects anticipated to begin in the 2020 timeframe.

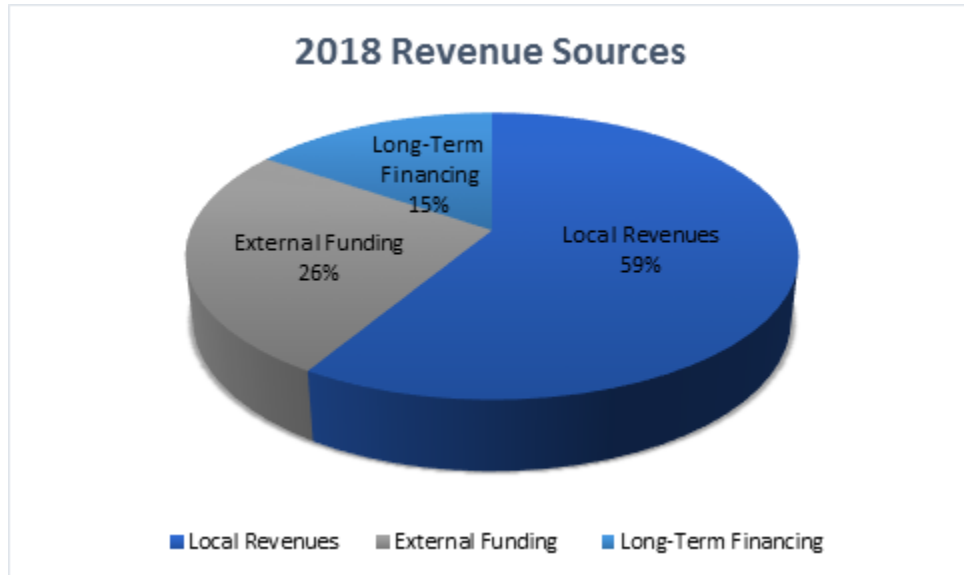
### CIP Revenue Sources

Multiple funding sources support the Transportation 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;
- 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 2018, the proposed CIP budget is \$234.7 million from the following sources:



### **Local Revenues**

Local funding sources for the Transportation CIP include Move Seattle Levy proceeds, gas tax, Multimodal funds, Cumulative Reserve Real Estate Excise Tax (REET) II, Cumulative Reserve REET I, Commercial Parking Tax, and the \$20 Vehicle License Fee. These revenues are for programs that improve or maintain the City's transportation system or to provide local matching funds to SDOT's funding partners on large capital projects. In 2015, the State legislature passed a transportation revenue package. The City's direct share of the gas tax is projected to be \$14.6 million in 2018.

### **Thematic Priorities**

The role of the transportation system is to connect people, places and products. To accomplish this, SDOT prioritizes services and capital projects based on the core principles in the City's 10-Year Strategic Vision for Transportation - Move Seattle. The goal of the strategic vision is to organize actions around SDOT's core values:

1. **A Safe City** - We will not accept traffic deaths as an inevitable part of traveling together in a safe city. Our goal is to eliminate serious and fatal crashes in Seattle. Safety also means being prepared for a natural disaster by seismically reinforcing our bridges to withstand earthquakes.
2. **An Interconnected City** - More travel options do not always equate to an easy-to-use, interconnected system. Our goal is to provide an easy-to-use, reliable transportation system that gives you the options you want when you need them.
3. **A Vibrant City** - A vibrant city is one where the streets and sidewalks hum with economic and social activity, where people meet, shop and enjoy the beautiful city we live in side by side with goods delivery and freight shipping. Our goal is to use Seattle's streets and sidewalks to improve the city's health, prosperity and happiness.



## Seattle Department of Transportation

4. **An Affordable City** - Our goal is to give all people high quality and low-cost transportation options that allow them to spend their money on things other than transportation. An affordable transportation system improves the lives of all travelers.
5. **An Innovative City** - Demographic changes and technological innovation are radically reshaping transportation. Our goal is to understand and plan for the changes of tomorrow while delivering great service today. This includes newer, more nimble approaches to delivering projects and programs to our customers.

Transportation projects are initiated through a number of methods including planning processes (modal, subarea, neighborhood planning), preservation, operations and safety needs assessment, regulatory requirements, elected official direction and, in some instances, from neighborhood input such as the Neighborhood Street Fund program.

Stakeholders have significant input in development of all SDOT plans through public involvement processes. Seattle's Pedestrian, Bicycle, Transit and Freight Advisory Boards also provide input on project/program needs.

Many factors can affect SDOT's project and funding decisions, including regulatory requirements, state and federal law (such as the Americans with Disabilities Act) and construction seasons. Opportunities to leverage the City's limited funding with grants or coordinating projects with other agencies can also affect SDOT's decisions.

In every case, SDOT strives to implement the City's policy goals laid out in Seattle's Comprehensive Plan and individual policy initiatives such as Complete Streets, the Race and Social Justice Initiative and the Environmental Management Initiative. SDOT's Transportation Strategic Plan, modal plans and subarea plans provide an overall framework for implementing these goals.

## Seattle Department of Transportation Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total</b>
<b>Debt Service Program</b>					<b>BCL/Program Code:</b>				<b>18002D</b>
<u>Ongoing</u>									
Debt Service - CRF (TC320060)	19,279	2,311	2,712	814	815	815	813	815	28,374
<b>Debt Service Program</b>	<b>19,279</b>	<b>2,311</b>	<b>2,712</b>	<b>814</b>	<b>815</b>	<b>815</b>	<b>813</b>	<b>815</b>	<b>28,374</b>
<b>Major Maintenance/Replacement</b>					<b>BCL/Program Code:</b>				<b>19001</b>
<u>Discrete</u>									
Bridge System Enhancement (TC368030)	0	0	3,000	0	0	0	0	0	3,000
Canton and Nord Alleys (TC367540)	248	1,707	0	0	0	0	0	0	1,955
Columbia Two-Way Street Improvements (TC367640)	485	2,530	0	0	0	0	0	0	3,014
SPU Drainage Partnership - South Park (TC367760)	15	510	345	3,300	5,830	0	0	0	10,000
<u>Ongoing</u>									
Accela Permitting System (TC367730)	2,146	8,502	0	1,000	1,000	1,000	1,000	1,000	15,649
Arterial Asphalt & Concrete Program Phase II (TC367740)	2,349	35,410	9,842	28,484	25,710	30,000	35,000	35,000	201,794
Arterial Asphalt and Concrete Program (TC365440)	217,353	13,428	0	0	0	0	0	0	230,781
Arterial Major Maintenance (TC365940)	40,237	4,777	5,435	3,765	3,780	4,296	4,312	4,329	70,931
Bike Master Plan - Urban Trails and Bikeways (TC368050)	0	0	1,000	1,000	1,000	1,000	1,000	1,000	6,000
Bridge Load Rating (TC365060)	3,521	1,397	599	608	617	627	336	346	8,050
Bridge Painting Program (TC324900)	25,111	6,025	2,135	2,135	2,135	2,135	2,135	2,135	43,945
Bridge Rehabilitation and Replacement (TC366850)	84,280	28,239	5,784	20,687	1,000	0	0	0	139,991
Bridge Rehabilitation and Replacement Phase II (TC367450)	595	3,972	2,362	0	0	0	4,527	3,935	15,392

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

### 2018 - 2023 Proposed Capital Improvement Program

Bridge Seismic - Phase III (TC367300)	734	4,422	7,317	10,010	9,666	6,862	9,413	18,818	67,240
Hazard Mitigation Program - Areaways (TC365480)	5,318	3,080	363	372	381	390	400	401	10,706
Hazard Mitigation Program - Landslide Mitigation Projects (TC365510)	8,174	3,326	1,440	453	466	473	478	486	15,296
Miscellaneous, Unforeseen, and Emergencies (TC320030)	2,509	0	0	0	0	0	0	0	2,509
Non-Arterial Street Resurfacing and Restoration (TC367710)	1,306	1,122	1,733	1,771	1,797	1,806	1,826	1,846	13,207
Pavement Microsurfacing (TC367610)	5,067	1,941	0	0	0	0	0	0	7,009
Retaining Wall Repair and Restoration (TC365890)	6,524	792	212	212	212	212	212	212	8,588
Sidewalk Safety Repair (TC365120)	20,014	1,557	3,561	1,592	1,624	1,656	1,689	1,723	33,415
Signal Major Maintenance (TC367580)	2,294	1,668	1,526	1,553	1,594	1,630	1,662	1,698	13,624
Street Lighting Program (TC366900)	0	0	0	1,840	1,350	1,350	1,350	1,350	7,240

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**Major Maintenance/Replacement** 428,278 124,405 46,654 78,780 58,161 53,437 65,341 74,280 929,337

**Major Projects** **BCL/Program Code:** **19002**

Discrete

Alaskan Way Main Corridor (TC367330)	53,176	50,210	16,806	42,568	77,260	60,324	40,781	7,483	348,608
Alaskan Way Viaduct Replacement (TC366050)	93,972	5,231	0	6,276	2,000	1,000	0	0	108,478
Elliott Bay Seawall Project (TC367320)	329,003	44,460	14,579	0	0	0	0	0	388,042
First Hill Streetcar (TC367100)	139,795	0	0	0	0	0	0	0	139,795
Magnolia Bridge Replacement Project (TC366060)	10,030	0	0	0	0	0	0	0	10,030
Mercer Corridor Project (TC365500)	149,948	50	0	0	0	0	0	0	149,998
Mercer Corridor Project West Phase (TC367110)	82,879	7,295	0	0	0	0	0	0	90,174
Overlook Walk and East-West Connections Project (TC367630)	1,824	8,482	5,075	13,843	42,996	71,275	24,185	2,750	170,430

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**2018 - 2023 Proposed Capital Improvement Program**



Heavy Haul Network Program (TC367590)	0	1,000	500	3,500	19,000	19,000	500	0	43,500
King Street Station Tenant Improvements (TC367840)	170	1,080	3,400	0	0	0	0	0	4,650
Lynnwood Link Extension (TC367940)	0	200	0	0	0	0	0	0	200
Madison Street Bus Rapid Transit (TC367480)	5,138	7,976	4,050	104,059	256	0	0	0	121,479
Market / 45th Multimodal Corridor (TC367790)	0	50	250	750	1,500	15,645	18,855	0	37,050
Market to MOHAI (TC368060)	0	0	500	0	0	0	0	0	500
NE 43rd Street Improvements (TC367900)	0	1,000	540	540	540	540	0	0	3,160
Northgate Bike and Pedestrian Improvements (TC367850)	0	1,500	0	0	0	0	0	0	1,500
Northgate Bridge and Cycle Track (TC367350)	3,066	7,802	65	13,892	13,116	0	0	0	37,941
Pay Stations (TC366350)	26,061	5,182	0	0	0	0	0	0	31,243
Rainier/Jackson Multimodal Corridor (TC367770)	20	4,480	1,400	2,228	13,908	1,959	0	0	23,995
Roosevelt Multimodal Corridor (TC367380)	1,608	1,092	2,856	7,189	20,558	700	0	0	34,003
Route 40 Northgate to Downtown Transit Improvements (TC367820)	0	0	0	575	2,163	3,722	15,770	15,770	38,000
Route 48 South Electrification (TC367660)	0	0	187	5,665	1,228	0	0	0	7,080
S Lander St. Grade Separation (TC366150)	5,602	22,931	21,500	73,750	1,000	750	0	0	125,533
Sound Transit - East Link (TC367410)	140	213	170	70	70	70	70	70	873
Sound Transit 3 (TC367870)	0	750	0	0	0	0	0	0	750
Sound Transit North Link (TC367190)	817	675	308	310	252	69	0	0	2,431
SPU Drainage Partnership - Broadview Pedestrian Improvements (TC367750)	22	978	0	594	6,406	0	0	0	8,000
<u>Ongoing</u>									
Bike Master Plan - Greenways (TC367910)	0	0	2,700	4,300	2,400	3,900	2,000	2,000	17,300
Bike Master Plan - Protected Bike Lanes (TC366760)	47,661	26,949	9,480	3,926	3,633	4,633	3,370	6,420	106,071

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## 2018 - 2023 Proposed Capital Improvement Program

Freight Spot Improvement Program (TC365850)	3,809	2,714	1,500	2,100	1,500	1,500	1,500	1,500	16,122
Neighborhood Large Projects (TC367250)	7,237	2,620	4,602	670	3,100	5,515	320	3,300	27,363
Neighborhood Parks Street Fund - Your Voice, Your Choice (TC365770)	31,425	2,900	2,222	321	331	340	349	359	38,247
Neighborhood Traffic Control Program (TC323250)	7,693	1,000	298	305	313	321	329	337	10,596
New Traffic Signals (TC367700)	645	1,211	527	540	552	563	571	581	5,190
Next Generation Intelligent Transportation Systems (ITS) (TC367430)	8,728	6,576	2,800	2,600	2,600	2,600	2,600	0	28,504
Pedestrian Master Plan - Crossing Improvements (TC367150)	43,737	8,653	2,650	2,690	2,700	2,700	2,700	2,700	68,531
Pedestrian Master Plan - New Sidewalks (TC367600)	7,907	32,075	5,700	5,162	4,081	4,031	4,031	5,031	68,018
Pedestrian Master Plan - School Safety (TC367170)	17,400	8,732	2,892	3,134	2,184	2,234	2,234	2,234	41,045
Pedestrian Master Plan - Stairway Rehabilitation (TC367930)	0	0	1,332	1,359	1,409	1,419	1,452	1,484	8,455
SDOT ADA Program (TC368040)	0	0	4,300	4,330	4,340	4,381	4,402	4,424	26,177
Transit Corridor Improvements (TC366860)	39,123	4,111	4,073	3,823	3,846	3,870	3,894	3,919	66,659
Urban Forestry Capital Establishment (TC367720)	0	350	0	0	0	0	0	0	350
Vision Zero (TC367520)	3,577	5,664	2,306	1,592	2,878	2,535	2,600	3,224	24,377
<b>Mobility-Capital</b>	<b>350,181</b>	<b>222,120</b>	<b>147,979</b>	<b>365,636</b>	<b>163,297</b>	<b>114,608</b>	<b>77,581</b>	<b>58,347</b>	<b>1,499,748</b>
<b>Department Total:</b>	<b>1,661,406</b>	<b>466,401</b>	<b>234,736</b>	<b>508,689</b>	<b>345,478</b>	<b>302,445</b>	<b>210,039</b>	<b>143,675</b>	<b>3,872,868</b>

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

## 2018 - 2023 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Fund Summary

Fund Name & Code	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
2000 Parks Levy Fund (33850)	510	0	0	0	0	0	0	0	510
2002B LTGO Capital Project Fund (34700)	400	0	0	0	0	0	0	0	400
2003 LTGO Capital Project Fund (34800)	5,600	0	0	0	0	0	0	0	5,600
2005 LTGO Capital Project Fund (31032)	17,225	0	0	0	0	0	0	0	17,225
2006 LTGO Capital Projects 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)	51,008	0	0	0	0	0	0	0	51,008
2008 Parks Levy Fund (33860)	247	3,417	0	0	0	0	0	0	3,664
2009 Multipurpose LTGO Bond Fund (35300)	31,975	0	0	0	0	0	0	0	31,975
2010 Multipurpose LTGO Bond Fund (35400)	55,030	0	0	0	0	0	0	0	55,030
2011 Multipurpose LTGO Bond Fund (35500)	43,442	245	0	0	0	0	0	0	43,687
2012 Multipurpose LTGO Bond Fund (35600)	10,800	0	0	0	0	0	0	0	10,800
2015 Multipurpose LTGO Bond Fund (36200)	7,192	3,442	0	0	0	0	0	0	10,633
2016 Multipurpose LTGO Bond Fund (36300)	17,765	25,487	0	0	0	0	0	0	43,252
2017 Multipurpose LTGO Bond Fund (36400)	0	51,275	0	0	0	0	0	0	51,275
2018 Multipurpose LTGO Bond Fund (36500)	0	0	16,296	0	0	0	0	0	16,296
Alaskan Way Seawall Construction Fund (35800)	285,491	1,276	0	0	0	0	0	0	286,767
Central Waterfront Improvement Fund (35900)	13,083	2,082	1,410	11,818	53,013	84,027	37,956	7,480	210,869
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	6,675	10,065	3,085	0	0	0	0	0	19,825

*\*Amounts in thousands of dollars*

### 2018 - 2023 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Fund Summary

Fund Name & Code	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	152,158	41,678	11,299	5,003	4,894	4,895	4,902	4,903	229,733
Cumulative Reserve Subfund - South Lake Union Property Proceeds Subaccount (00167)	141	0	0	0	0	0	0	0	141
Cumulative Reserve Subfund - Street Vacation Subaccount (00169)	7,311	6,414	0	100	0	0	0	0	13,826
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	4,216	2,120	0	0	0	0	0	0	6,336
Emergency Subfund (00185)	395	0	0	0	0	0	0	0	395
Future Bond Funds (99999)	3,703	1,274	3,400	42,838	26,308	6,542	7,270	1,753	93,088
Parking Garage Disposition Proceeds Fund (37000)	2,848	13,652	0	0	0	0	0	0	16,500
School Safety Traffic and Pedestrian Improvement Fund (18500)	10,146	12,859	3,792	3,496	2,465	2,465	2,465	2,465	40,153
To Be Determined (TBD)	0	0	0	143,287	67,330	60,255	38,620	15,770	325,262
Transportation Bond Fund (31600)	5,874	0	0	0	0	0	0	0	5,874
Transportation Operating Fund (10310)	897,220	291,115	195,454	302,147	191,468	144,261	118,827	111,304	2,251,795
<b>Department Total:</b>	<b>1,661,406</b>	<b>466,401</b>	<b>234,736</b>	<b>508,689</b>	<b>345,478</b>	<b>302,445</b>	<b>210,039</b>	<b>143,675</b>	<b>3,872,868</b>

\*Amounts in thousands of dollars

### 2018 - 2023 Proposed Capital Improvement Program



## Seattle Department of Transportation

**23rd Avenue Corridor Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367420
<b>Start/End Date:</b>	2013-2020	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<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>	\$68,450	<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 design.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	3,587	1,513	0	111	0	0	0	0	5,211
Federal Grant Funds	4,990	0	0	0	0	0	0	0	4,990
Transportation Funding Package - Parking Tax	0	1,540	0	0	0	0	0	0	1,540
Transportation Funding Package - Lid Lift	11,587	143	0	0	0	0	0	0	11,730
City Light Fund Revenues	2,148	0	0	0	0	0	0	0	2,148
Private Funding/Donations	5	0	0	0	0	0	0	0	5
State Grant Funds	8,215	2,135	217	0	0	0	0	0	10,566
Transportation Move Seattle Levy - Lid Lift	735	824	10,000	4,958	42	0	0	0	16,559
To be determined	0	0	0	500	0	0	0	0	500
2011 Multipurpose LTGO bond Fund	5,622	0	0	0	0	0	0	0	5,622
2016 Multipurpose LTGO Bond Proceeds	0	7,927	0	0	0	0	0	0	7,927
2017 Multipurpose LTGO Bond Proceeds	0	1,651	0	0	0	0	0	0	1,651
<b>Total:</b>	<b>36,889</b>	<b>15,733</b>	<b>10,217</b>	<b>5,569</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>68,450</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,587	1,513	0	111	0	0	0	0	5,211
Transportation Operating Fund	27,680	4,642	10,217	4,958	42	0	0	0	47,539
To Be Determined	0	0	0	500	0	0	0	0	500
2011 Multipurpose LTGO Bond Fund	5,622	0	0	0	0	0	0	0	5,622
2016 Multipurpose LTGO Bond Fund	0	7,927	0	0	0	0	0	0	7,927
2017 Multipurpose LTGO Bond Fund	0	1,651	0	0	0	0	0	0	1,651
<b>Total:</b>	<b>36,889</b>	<b>15,733</b>	<b>10,217</b>	<b>5,569</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>68,450</b>
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,587	483	1,030	111	0	0	0	0	5,211
Transportation Operating Fund	27,680	1,440	14,377	4,001	42	0	0	0	47,539
To Be Determined	0	0	0	500	0	0	0	0	500
2011 Multipurpose LTGO Bond Fund	5,622	0	0	0	0	0	0	0	5,622
2016 Multipurpose LTGO Bond Fund	0	6,189	1,395	344	0	0	0	0	7,927
2017 Multipurpose LTGO Bond Fund	0	0	1,651	0	0	0	0	0	1,651
<b>Total:</b>	<b>36,889</b>	<b>8,111</b>	<b>18,452</b>	<b>4,956</b>	<b>42</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>68,450</b>
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**3rd Avenue Corridor Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367370
<b>Start/End Date:</b>	2012-2019	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$13,793	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	64	644	0	0	0	0	0	0	708
Federal Grant Funds	2,854	5,625	0	240	0	0	0	0	8,719
Transportation Funding Package - Parking Tax	2,105	212	0	0	0	0	0	0	2,317
Transportation Funding Package - Lid Lift	622	0	0	0	0	0	0	0	622
King County Funds	0	905	0	60	0	0	0	0	965
State Grant Funds	204	0	0	0	0	0	0	0	204
To be determined	0	0	0	258	0	0	0	0	258
<b>Total:</b>	<b>5,848</b>	<b>7,386</b>	<b>0</b>	<b>558</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,793</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	64	644	0	0	0	0	0	0	708
Transportation Operating Fund	5,785	6,742	0	300	0	0	0	0	12,826
To Be Determined	0	0	0	258	0	0	0	0	258
<b>Total:</b>	<b>5,848</b>	<b>7,386</b>	<b>0</b>	<b>558</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,793</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	64	594	50	0	0	0	0	0	708
Transportation Operating Fund	5,785	1,436	4,263	1,343	0	0	0	0	12,826
To Be Determined	0	0	0	258	0	0	0	0	258
<b>Total:</b>	5,848	2,030	4,313	1,601	0	0	0	0	13,793
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Accessible Mt. Baker Implementation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367800
<b>Start/End Date:</b>	2017-2022	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<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. The 2017 funding is intended to advance project design to 30%. The Accelerated Move Seattle Levy - Lid Lift Revenues represent spending that is in excess of available levy funds; consequently, Move Seattle appropriations will be reduced in future years so that total Move Seattle funding and expenditures are balanced over the nine years of the levy.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Transportation Move Seattle Levy - Lid Lift	0	2,000	0	0	0	0	0	0	2,000
To be determined	0	0	0	850	3,400	15,110	10,035	0	29,395
<b>Total:</b>	0	2,000	0	850	3,400	15,110	10,035	0	31,395

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	0	2,000	0	0	0	0	0	0	2,000
To Be Determined	0	0	0	850	3,400	15,110	10,035	0	29,395
<b>Total:</b>	0	2,000	0	850	3,400	15,110	10,035	0	31,395

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	0	1,050	950	0	0	0	0	0	2,000
To Be Determined	0	0	0	850	3,400	15,110	10,035	0	29,395
<b>Total:</b>	0	1,050	950	850	3,400	15,110	10,035	0	31,395

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

ADA Improvements – SDOT

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367500
<b>Start/End Date:</b>	2014-2019	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$665	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	240	416	0	0	0	0	0	0	656
General Subfund Revenues	9	0	0	0	0	0	0	0	9
<b>Total:</b>	249	416	0	0	0	0	0	0	665

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	240	416	0	0	0	0	0	0	656
Transportation Operating Fund	9	0	0	0	0	0	0	0	9
<b>Total:</b>	249	416	0	0	0	0	0	0	665

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	240	110	71	235	0	0	0	0	656
Transportation Operating Fund	9	0	0	0	0	0	0	0	9
<b>Total:</b>	249	110	71	235	0	0	0	0	665

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	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.*

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Adaptive Signal Control Implementation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367650
<b>Start/End Date:</b>	2015-2017	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	W Mercer ST/3rd AVE W/Queen Anne AVE N
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$1,020	<b>Urban Village:</b>	Upper Queen Anne

This project implements adaptive signal control (ASC) in the Seattle Center and South Lake Union area, and supports integrated corridor management on Denny Way, Mercer, and SR-99 north tunnel access. Phase 1 begins operation of 31 intersections on Mercer, Valley, and Roy that have been built as part of the Mercer project. Phase 2 includes 17 intersections along the Denny Way corridor. Phase 3 includes several connector streets between Mercer and Denny Way, including Elliott Ave, Queen Anne Ave N, Broad St, Dexter Ave N, Westlake Ave N, Fairview Ave N, 1st Ave N, 5th Ave N, and 9th Ave N. Phase 1 is funded and in closeout. Funding has not been identified for phases 2 and 3.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	10	10	0	0	0	0	0	0	20
Transportation Funding Package - Parking Tax	595	405	0	0	0	0	0	0	1,000
<b>Total:</b>	605	415	0	0	0	0	0	0	1,020

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	10	10	0	0	0	0	0	0	20
Transportation Operating Fund	595	405	0	0	0	0	0	0	1,000
<b>Total:</b>	605	415	0	0	0	0	0	0	1,020

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	10	10	0	0	0	0	0	0	20
Transportation Operating Fund	595	405	0	0	0	0	0	0	1,000
<b>Total:</b>	605	415	0	0	0	0	0	0	1,020

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

**2018 - 2023 Proposed Capital Improvement Program**



## Seattle Department of Transportation

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Alaskan Way Main Corridor

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367330
<b>Start/End Date:</b>	2013-2024	<b>BCL/Program Code:</b>	19002
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Major Projects
<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>	\$355,892	<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. The State is responsible for demolishing the Viaduct and decommissioning the Battery Street tunnel. The City of Seattle is responsible for the Alaskan Way/Elliott Way surface street and the promenade. 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 2019 represent anticipated future bond sales. This funding is currently supported through the Central Waterfront Improvement Funds 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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	1,292	578	0	0	0	0	0	0	1,870
Street Vacations -CRSU	0	1,300	0	0	0	0	0	0	1,300
Street Vacations - SVF	0	1,543	0	0	0	0	0	0	1,543
Drainage and Wastewater Rates	44	0	0	0	0	0	0	0	44
City Light Fund Revenues	4	377	0	0	0	0	0	0	381
State Grant Funds	19,883	20,124	9,540	26,056	61,780	41,030	19,740	1,000	199,153
User Fees	111	3,219	300	1,720	0	0	0	0	5,350
Commercial Parking Tax	5,765	316	0	0	0	0	0	0	6,081
Transportation Bond Funds	3,703	274	0	14,752	4,473	4,492	5,520	1,003	34,217
Private Funding/Donations	0	0	0	40	8,980	2,941	4,369	1,830	18,160
Local Improvement District Bonds	10,403	307	0	0	2,027	11,861	11,152	3,650	39,400
2015 Multipurpose LTGO Bond Proceeds	3,839	311	0	0	0	0	0	0	4,150
Seawall Levy	4,811	486	0	0	0	0	0	0	5,297
2016 Multipurpose LTGO Bond Proceeds	3,322	15,399	0	0	0	0	0	0	18,721
2017 Multipurpose LTGO Bond Proceeds	0	5,975	0	0	0	0	0	0	5,975
2018 Multipurpose LTGO Bond Proceeds	0	0	6,966	0	0	0	0	0	6,966
<b>Total:</b>	<b>53,176</b>	<b>50,210</b>	<b>16,806</b>	<b>42,568</b>	<b>77,260</b>	<b>60,324</b>	<b>40,781</b>	<b>7,483</b>	<b>348,608</b>

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,292	578	0	0	0	0	0	0	1,870
Cumulative Reserve Subfund - Unrestricted Subaccount	0	1,300	0	0	0	0	0	0	1,300
Cumulative Reserve Subfund - Street Vacation Subaccount	0	1,543	0	0	0	0	0	0	1,543
Transportation Operating Fund	25,807	24,036	9,840	27,776	61,780	41,030	19,740	1,000	211,009
Future Bond Funds	3,703	274	0	14,752	4,473	4,492	5,520	1,003	34,217
Central Waterfront Improvement Fund	10,403	307	0	40	11,007	14,802	15,521	5,480	57,560
2015 Multipurpose LTGO Bond Fund	3,839	311	0	0	0	0	0	0	4,150
Alaskan Way Seawall Construction Fund	4,811	486	0	0	0	0	0	0	5,297
2016 Multipurpose LTGO Bond Fund	3,322	15,399	0	0	0	0	0	0	18,721
2017 Multipurpose LTGO Bond Fund	0	5,975	0	0	0	0	0	0	5,975
2018 Multipurpose LTGO Bond Fund	0	0	6,966	0	0	0	0	0	6,966
<b>Total:</b>	53,176	50,210	16,806	42,568	77,260	60,324	40,781	7,483	348,608

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,292	578	0	0	0	0	0	0	1,870
Cumulative Reserve Subfund - Unrestricted Subaccount	0	1,300	0	0	0	0	0	0	1,300
Cumulative Reserve Subfund - Street Vacation Subaccount	0	957	586	0	0	0	0	0	1,543
Transportation Operating Fund	25,807	22,357	8,527	30,588	61,780	41,206	19,744	1,000	211,009
Future Bond Funds	3,703	274	0	14,752	4,473	4,492	5,520	1,003	34,217

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

## 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Central Waterfront Improvement Fund	10,403	0	0	40	11,007	14,802	15,521	5,480	57,253
2015 Multipurpose LTGO Bond Fund	3,839	311	0	0	0	0	0	0	4,150
Alaskan Way Seawall Construction Fund	4,811	486	0	0	0	0	0	0	5,297
2016 Multipurpose LTGO Bond Fund	3,322	15,399	0	0	0	0	0	0	18,721
2017 Multipurpose LTGO Bond Fund	0	5,975	0	0	0	0	0	0	5,975
2018 Multipurpose LTGO Bond Fund	0	0	6,970	0	0	0	0	0	6,970
<b>Total:</b>	53,176	47,638	16,083	45,380	77,260	60,500	40,785	7,483	348,305
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Alaskan Way Viaduct Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC366050
<b>Start/End Date:</b>	2001-2024	<b>BCL/Program Code:</b>	19002
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>	Construction	<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>	\$108,478	<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.*

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Federal Grant Funds	2,861	356	0	0	0	0	0	0	3,217
State Gas Taxes - Arterial City Street Fund	1,070	0	0	0	0	0	0	0	1,070
General Subfund Revenues	2,951	0	0	0	0	0	0	0	2,951
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
State Grant Funds	24,237	4,559	0	276	1,000	1,000	0	0	31,072
User Fees	108	6	0	0	0	0	0	0	114
Commercial Parking Tax	8,691	311	0	0	0	0	0	0	9,002
2005 LTGO Bond	5,000	0	0	0	0	0	0	0	5,000
2003 LTGO Bond	5,000	0	0	0	0	0	0	0	5,000
2006 LTGO Bond	5,220	0	0	0	0	0	0	0	5,220
2007 Multipurpose LTGO Bond	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
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
Transportation Bond Funds	0	0	0	6,000	1,000	0	0	0	7,000
Interfund Loan	1,954	0	0	0	0	0	0	0	1,954
<b>Total:</b>	<b>93,972</b>	<b>5,231</b>	<b>0</b>	<b>6,276</b>	<b>2,000</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>108,478</b>

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	43,284	5,231	0	276	1,000	1,000	0	0	50,791
2005 LTGO Capital Project Fund	5,000	0	0	0	0	0	0	0	5,000
2003 LTGO Capital Project Fund	5,000	0	0	0	0	0	0	0	5,000
2006 LTGO Capital Projects 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
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	6,000	1,000	0	0	0	7,000
Central Waterfront Improvement Fund	1,954	0	0	0	0	0	0	0	1,954
<b>Total:</b>	<b>93,972</b>	<b>5,231</b>	<b>0</b>	<b>6,276</b>	<b>2,000</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>108,478</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	43,284	5,231	0	276	1,000	1,000	0	0	50,791
2005 LTGO Capital Project Fund	5,000	0	0	0	0	0	0	0	5,000
2003 LTGO Capital Project Fund	5,000	0	0	0	0	0	0	0	5,000
2006 LTGO Capital Projects 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

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

## 2018 - 2023 Proposed Capital Improvement Program



	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
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
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	6,000	1,000	0	0	0	7,000
Central Waterfront Improvement Fund	1,954	0	0	0	0	0	0	0	1,954
<b>Total:</b>	93,972	5,231	0	6,276	2,000	1,000	0	0	108,479
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Aurora Rapid Ride Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367220
<b>Start/End Date:</b>	2012-2017	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	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
Transportation Funding Package - Lid Lift	1,654	48	0	0	0	0	0	0	1,702
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
<b>Total:</b>	7,351	50	0	0	0	0	0	0	7,401

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	7,351	50	0	0	0	0	0	0	7,401
<b>Total:</b>	7,351	50	0	0	0	0	0	0	7,401

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	7,351	50	0	0	0	0	0	0	7,401
<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.

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 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>	TC367390
<b>Start/End Date:</b>	2013-2017	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Vehicle Licensing Fees	132	68	0	0	0	0	0	0	200
Transportation Funding Package - Lid Lift	54	0	0	0	0	0	0	0	54
General Subfund Revenues	546	0	0	0	0	0	0	0	546
<b>Total:</b>	732	68	0	0	0	0	0	0	800
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	732	68	0	0	0	0	0	0	800
<b>Total:</b>	732	68	0	0	0	0	0	0	800
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	732	68	0	0	0	0	0	0	800
<b>Total:</b>	732	68	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.

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Bike Share Expansion**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367690
<b>Start/End Date:</b>	2016-2018	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating 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

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

### Bridge System Enhancement

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC368030
<b>Start/End Date:</b>	2017-2018	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Major Maintenance/Replacement
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$3,000	<b>Urban Village:</b>	Multiple

This pilot project designs and installs the infrastructure necessary to automate one movable bridge; this includes a remote operations location, communication and video enhancements, and other improvements to the bridge that are required without a bridge operator on-site.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Transportation Funding Package - Parking Tax	0	0	3,000	0	0	0	0	0	3,000
<b>Total:</b>	0	0	3,000	0	0	0	0	0	3,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	0	0	3,000	0	0	0	0	0	3,000
<b>Total:</b>	0	0	3,000	0	0	0	0	0	3,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	0	0	3,000	0	0	0	0	0	3,000
<b>Total:</b>	0	0	3,000	0	0	0	0	0	3,000

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

**Broadway Streetcar Extension**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367240
<b>Start/End Date:</b>	2012-ON HOLD	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Broadway E/E Denny Way/E Roy ST
<b>Neighborhood District:</b>	East District	<b>Council District:</b>	3
<b>Total Project Cost:</b>	\$24,725	<b>Urban Village:</b>	Capitol Hill

This project extends the First Hill Streetcar to the north end of Broadway (approximately Denny Way to Roy Street). The First Hill Streetcar line began operations in February 2016 and connects First Hill employment centers to the regional Link light rail system, including the International District/Chinatown Station, and Capitol Hill Station at Broadway and John Street. This half-mile extension to the retail core of Broadway will reach a high density residential area with reliable frequent service mirroring the hours of operation of Link light rail system.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Street Vacations -CRSU	350	0	0	0	0	0	0	0	350
Street Vacations - SVF	18	377	0	0	0	0	0	0	395
Vehicle Licensing Fees	1,200	0	0	0	0	0	0	0	1,200
Federal Grant Funds	1,750	0	0	10,000	0	0	0	0	11,750
Transportation Funding Package - Parking Tax	122	173	0	0	0	0	0	0	295
City Light Fund Revenues	0	375	0	0	0	0	0	0	375
State Grant Funds	0	0	0	4,000	0	0	0	0	4,000
To be determined	0	0	0	6,360	0	0	0	0	6,360
<b>Total:</b>	<b>3,441</b>	<b>924</b>	<b>0</b>	<b>20,360</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24,725</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	350	0	0	0	0	0	0	0	350
Cumulative Reserve Subfund - Street Vacation Subaccount	18	377	0	0	0	0	0	0	395
Transportation Operating Fund	3,072	548	0	14,000	0	0	0	0	17,620
To Be Determined	0	0	0	6,360	0	0	0	0	6,360
<b>Total:</b>	<b>3,441</b>	<b>924</b>	<b>0</b>	<b>20,360</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>24,725</b>

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

**2018 - 2023 Proposed Capital Improvement Program**



## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	350	0	0	0	0	0	0	0	350
Cumulative Reserve Subfund - Street Vacation Subaccount	18	377	0	0	0	0	0	0	395
Transportation Operating Fund	3,072	548	0	14,000	0	0	0	0	17,620
To Be Determined	0	0	0	6,360	0	0	0	0	6,360
<b>Total:</b>	3,441	924	0	20,360	0	0	0	0	24,725
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**BRT Concepts Design**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367830
<b>Start/End Date:</b>	2016-2020	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Pre-Project Development	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Transportation Move Seattle Levy - Lid Lift	259	741	500	500	500	0	0	0	2,500
<b>Total:</b>	259	741	500	500	500	0	0	0	2,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	259	741	500	500	500	0	0	0	2,500
<b>Total:</b>	259	741	500	500	500	0	0	0	2,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	259	741	500	500	500	0	0	0	2,500
<b>Total:</b>	259	741	500	500	500	0	0	0	2,500

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

### Burke Gilman Trail Improvements - UW Campus

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367880
<b>Start/End Date:</b>	2017-TBD	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Transportation Funding Package - 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	0	750	0	0	0	0	0	0	750
<b>Total:</b>	0	750	0	0	0	0	0	0	750

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	0	250	500	0	0	0	0	0	750
<b>Total:</b>	0	250	500	0	0	0	0	0	750

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Burke-Gilman Trail Extension**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC364830
<b>Start/End Date:</b>	1995-TBD	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Ballard	<b>Council District:</b>	6
<b>Total Project Cost:</b>	\$30,926	<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.*

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	1,723	0	0	0	0	0	0	0	1,723
Trail and Open Space Levy	594	40	0	0	0	0	0	0	635
Street Vacations -CRSU	150	0	0	0	0	0	0	0	150
Street Vacations - SVF	230	0	0	0	0	0	0	0	230
Vehicle Licensing Fees	1,643	0	0	0	0	0	0	0	1,643
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 - Parking Tax	163	537	0	0	0	0	0	0	700
Transportation Funding Package - Business Transportation Tax	458	0	0	0	0	0	0	0	458
Transportation Funding Package - Lid Lift	2,514	34	0	0	0	0	0	0	2,548
City Light Fund Revenues	369	0	0	0	0	0	0	0	369
State Gas Taxes - Arterial City Street Fund	918	0	0	0	0	0	0	0	918
General Subfund Revenues	495	176	0	0	0	0	0	0	672
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
Transportation Move Seattle Levy - Lid Lift	0	0	4,931	3,069	1,000	0	0	0	9,000
Transportation Bond Funds	384	0	0	0	0	0	0	0	384
Seattle Voter-Approved Levy	510	0	0	0	0	0	0	0	510
2009 Multipurpose LTGO Bond Fund	734	0	0	0	0	0	0	0	734
To be determined	0	0	0	18	20	0	0	0	38
Seattle Voter-Approved Levy	247	3,403	0	0	0	0	0	0	3,650
<b>Total:</b>	17,698	4,190	4,931	3,087	1,020	0	0	0	30,926

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,723	0	0	0	0	0	0	0	1,723
Cumulative Reserve Subfund - Unrestricted Subaccount	594	40	0	0	0	0	0	0	635
Cumulative Reserve Subfund - Street Vacation Subaccount	380	0	0	0	0	0	0	0	380
Transportation Operating Fund	13,126	747	4,931	3,069	1,000	0	0	0	22,873
Transportation Bond Fund	384	0	0	0	0	0	0	0	384
2000 Parks Levy Fund	510	0	0	0	0	0	0	0	510
2009 Multipurpose LTGO Bond Fund	734	0	0	0	0	0	0	0	734
To Be Determined	0	0	0	18	20	0	0	0	38
2008 Parks Levy Fund	247	3,403	0	0	0	0	0	0	3,650
<b>Total:</b>	<b>17,698</b>	<b>4,190</b>	<b>4,931</b>	<b>3,087</b>	<b>1,020</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,926</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,723	0	0	0	0	0	0	0	1,723
Cumulative Reserve Subfund - Unrestricted Subaccount	594	40	0	0	0	0	0	0	635
Cumulative Reserve Subfund - Street Vacation Subaccount	380	0	0	0	0	0	0	0	380
Transportation Operating Fund	13,126	747	4,931	3,069	1,000	0	0	0	22,873
Transportation Bond Fund	384	0	0	0	0	0	0	0	384
2000 Parks Levy Fund	510	0	0	0	0	0	0	0	510
2009 Multipurpose LTGO Bond Fund	734	0	0	0	0	0	0	0	734
To Be Determined	0	0	0	18	20	0	0	0	38
2008 Parks Levy Fund	247	1,977	1,426	0	0	0	0	0	3,650
<b>Total:</b>	<b>17,698</b>	<b>2,764</b>	<b>6,357</b>	<b>3,087</b>	<b>1,020</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30,926</b>

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	21	22	23	24	0	0	90

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

Canton and Nord Alleys

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367540
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Major Maintenance/Replacement
<b>Current Project Stage:</b>	Construction	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	71	0	0	0	0	0	0	71
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
<b>Total:</b>	248	1,707	0	0	0	0	0	0	1,955

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	71	0	0	0	0	0	0	71
Cumulative Reserve Subfund - Unrestricted Subaccount	0	130	0	0	0	0	0	0	130
Transportation Operating Fund	248	1,507	0	0	0	0	0	0	1,754
<b>Total:</b>	248	1,707	0	0	0	0	0	0	1,955

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

**2018 - 2023 Proposed Capital Improvement Program**



	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	56	14	0	0	0	0	0	71
Cumulative Reserve Subfund - Unrestricted Subaccount	0	22	108	0	0	0	0	0	130
Transportation Operating Fund	248	1,407	100	0	0	0	0	0	1,754
<b>Total:</b>	248	1,485	222	0	0	0	0	0	1,955

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 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>	TC367680
<b>Start/End Date:</b>	2015-2020	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Construction	<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>	\$10,811	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Street Vacations - SVF	300	1,000	0	0	0	0	0	0	1,300
Federal Grant Funds	1,656	2,355	0	2,500	3,000	0	0	0	9,511
<b>Total:</b>	1,956	3,355	0	2,500	3,000	0	0	0	10,811

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	300	1,000	0	0	0	0	0	0	1,300
Transportation Operating Fund	1,656	2,355	0	2,500	3,000	0	0	0	9,511
<b>Total:</b>	1,956	3,355	0	2,500	3,000	0	0	0	10,811

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	300	438	562	0	0	0	0	0	1,300
Transportation Operating Fund	1,656	2,255	100	2,500	3,000	0	0	0	9,511
<b>Total:</b>	1,956	2,693	662	2,500	3,000	0	0	0	10,811

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

Center City Streetcar Connector

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367210
<b>Start/End Date:</b>	2012-2020	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Stewart St to Jackson St
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$158,412	<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. A \$50 million Federal grant was approved in 2017; these dollars are appropriated in 2018 and 2019. An additional \$25 million Federal grant is anticipated in 2019.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Street Vacations -CRSU	1,500	0	0	0	0	0	0	0	1,500
Street Vacations - SVF	100	0	0	0	0	0	0	0	100
Vehicle Licensing Fees	3,925	0	0	0	0	0	0	0	3,925
Federal Grant Funds	900	7,300	22,392	27,608	0	0	0	0	58,200
Transportation Funding Package - Lid Lift	1,375	0	0	0	0	0	0	0	1,375
City Light Fund Revenues	426	362	5,699	1,386	0	0	0	0	7,873
Property Sales and Interest Earnings	2,113	337	0	0	0	0	0	0	2,450
Water Rates	284	5,556	2,222	0	0	0	0	0	8,062
To be determined	0	0	0	25,000	0	0	0	0	25,000
Transportation Bond Funds	0	0	0	19,331	19,845	0	0	0	39,176
2017 Multipurpose LTGO Bond Proceeds	0	4,701	0	0	0	0	0	0	4,701
2018 Multipurpose LTGO Bond Proceeds	0	0	6,050	0	0	0	0	0	6,050
<b>Total:</b>	10,623	18,256	36,363	73,325	19,845	0	0	0	158,412

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,500	0	0	0	0	0	0	0	1,500
Cumulative Reserve Subfund - Street Vacation Subaccount	100	0	0	0	0	0	0	0	100
Transportation Operating Fund	9,023	13,555	30,313	28,994	0	0	0	0	81,885
To Be Determined	0	0	0	25,000	0	0	0	0	25,000
Future Bond Funds	0	0	0	19,331	19,845	0	0	0	39,176
2017 Multipurpose LTGO Bond Fund	0	4,701	0	0	0	0	0	0	4,701
2018 Multipurpose LTGO Bond Fund	0	0	6,050	0	0	0	0	0	6,050
<b>Total:</b>	10,623	18,256	36,363	73,325	19,845	0	0	0	158,412

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,500	0	0	0	0	0	0	0	1,500
Cumulative Reserve Subfund - Street Vacation Subaccount	100	0	0	0	0	0	0	0	100
Transportation Operating Fund	9,023	7,043	31,549	34,270	0	0	0	0	81,885
To Be Determined	0	0	0	25,000	0	0	0	0	25,000
Future Bond Funds	0	0	0	16,939	22,237	0	0	0	39,176
2017 Multipurpose LTGO Bond Fund	0	4,701	0	0	0	0	0	0	4,701
2018 Multipurpose LTGO Bond Fund	0	0	6,050	0	0	0	0	0	6,050
<b>Total:</b>	10,623	11,744	37,599	76,209	22,237	0	0	0	158,412

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Columbia Two-Way Street Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367640
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Major Maintenance/Replacement
<b>Current Project Stage:</b>	Procurement/Bid	<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	2017 REV	2018	2019	2020	2021	2022	2023	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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	485	1,738	792	0	0	0	0	0	3,014
<b>Total:</b>	485	1,738	792	0	0	0	0	0	3,014

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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

Delridge Multimodal Corridor

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367810
<b>Start/End Date:</b>	2016-2021	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<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

Of the funds appropriated in the Mobility-Capital Budget Control Level for the Delridge Multimodal Corridor Project (TC367810) (adopted in the 2018-2023 Capital Improvement Program) no more than \$1.4 million, may be spent until Seattle Department of Transportation reports to the Sustainability & Transportation Committee, or its successor committee, on the 10% design baseline package in a format requested by that committee's chair.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
State Grant Funds	0	5,000	0	0	0	0	0	0	5,000
Transportation Move Seattle Levy - Lid Lift	185	615	1,000	1,935	2,265	3,500	0	0	9,500
To be determined	0	0	0	3,140	16,360	13,000	0	0	32,500
<b>Total:</b>	185	5,615	1,000	5,075	18,625	16,500	0	0	47,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	185	5,615	1,000	1,935	2,265	3,500	0	0	14,500
To Be Determined	0	0	0	3,140	16,360	13,000	0	0	32,500
<b>Total:</b>	185	5,615	1,000	5,075	18,625	16,500	0	0	47,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	185	1,448	4,422	2,680	2,265	13,000	0	0	24,000

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
To Be Determined	0	0	0	3,140	16,360	3,500	0	0	23,000
<b>Total:</b>	185	1,448	4,422	5,820	18,625	16,500	0	0	47,000
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 Proposed Capital Improvement Program**



## Seattle Department of Transportation

**Elliott Bay Seawall Project**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367320
<b>Start/End Date:</b>	2013-2018	<b>BCL/Program Code:</b>	19002
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>	Construction	<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>	\$388,042	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	12,141	5,159	0	0	0	0	0	0	17,300
King County Funds	21,650	0	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
2018 Multipurpose LTGO Bond Proceeds	0	0	14,579	0	0	0	0	0	14,579
2012 Multipurpose LTGO Bond Fund	2,800	0	0	0	0	0	0	0	2,800
Seawall Levy	280,680	790	0	0	0	0	0	0	281,470
2016 Multipurpose LTGO Bond Proceeds	8,413	0	0	0	0	0	0	0	8,413
2017 Multipurpose LTGO Bond Proceeds	0	30,421	0	0	0	0	0	0	30,421
Parking Garage Disposition Proceeds	559	7,341	0	0	0	0	0	0	7,900
<b>Total:</b>	<b>329,003</b>	<b>44,460</b>	<b>14,579</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>388,042</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	12,141	5,159	0	0	0	0	0	0	17,300
Transportation Operating Fund	24,410	750	14,579	0	0	0	0	0	39,738
2012 Multipurpose LTGO Bond Fund	2,800	0	0	0	0	0	0	0	2,800
Alaskan Way Seawall Construction Fund	280,680	790	0	0	0	0	0	0	281,470
2016 Multipurpose LTGO Bond Fund	8,413	0	0	0	0	0	0	0	8,413
2017 Multipurpose LTGO Bond Fund	0	30,421	0	0	0	0	0	0	30,421
Parking Garage Disposition Proceeds Fund	559	7,341	0	0	0	0	0	0	7,900
<b>Total:</b>	329,003	44,460	14,579	0	0	0	0	0	388,042

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	12,141	5,159	0	0	0	0	0	0	17,300
Transportation Operating Fund	24,410	750	14,579	0	0	0	0	0	39,738
2012 Multipurpose LTGO Bond Fund	2,800	0	0	0	0	0	0	0	2,800
Alaskan Way Seawall Construction Fund	280,680	790	0	0	0	0	0	0	281,470
2016 Multipurpose LTGO Bond Fund	8,413	0	0	0	0	0	0	0	8,413
2017 Multipurpose LTGO Bond Fund	0	30,421	0	0	0	0	0	0	30,421
Parking Garage Disposition Proceeds Fund	559	7,341	0	0	0	0	0	0	7,900
<b>Total:</b>	329,003	44,461	14,579	0	0	0	0	0	388,042

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Fauntleroy Way SW Boulevard**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367200
<b>Start/End Date:</b>	2012-2020	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<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>	\$19,260	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	933	506	0	0	0	0	0	0	1,439
Real Estate Excise Tax I	71	0	0	0	0	0	0	0	71
City Light Fund Revenues	0	0	1,000	500	0	0	0	0	1,500
Rubble Yard Proceeds	250	0	0	0	0	0	0	0	250
Transportation Move Seattle Levy - Lid Lift	100	700	10,860	3,340	1,000	0	0	0	16,000
<b>Total:</b>	1,354	1,206	11,860	3,840	1,000	0	0	0	19,260

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	933	506	0	0	0	0	0	0	1,439
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	71	0	0	0	0	0	0	0	71
Transportation Operating Fund	350	700	11,860	3,840	1,000	0	0	0	17,750
<b>Total:</b>	1,354	1,206	11,860	3,840	1,000	0	0	0	19,260

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	933	506	0	0	0	0	0	0	1,439
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	71	0	0	0	0	0	0	0	71
Transportation Operating Fund	350	700	11,860	3,840	1,000	0	0	0	17,750
<b>Total:</b>	1,354	1,206	11,860	3,840	1,000	0	0	0	19,260

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

First Hill Streetcar

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367100
<b>Start/End Date:</b>	2009-2017	<b>BCL/Program Code:</b>	19002
<b>Project Category:</b>	New Facility	<b>BCL/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>	\$139,785	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Street Vacations - SVF	3,994	0	0	0	0	0	0	0	3,994
Transportation Funding Package - Parking Tax	2,518	0	0	0	0	0	0	0	2,518
Sound Transit Funds	132,579	0	0	0	0	0	0	0	132,579
Property Sales and Interest Earnings	704	0	0	0	0	0	0	0	704
<b>Total:</b>	139,795	0	0	0	0	0	0	0	139,795

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	3,994	0	0	0	0	0	0	0	3,994
Transportation Operating Fund	135,801	0	0	0	0	0	0	0	135,801
<b>Total:</b>	139,795	0	0	0	0	0	0	0	139,795

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	3,994	0	0	0	0	0	0	0	3,994

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	135,801	0	0	0	0	0	0	0	135,801
<b>Total:</b>	139,795	0	0	0	0	0	0	0	139,795
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

Graham Street Station

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367780
<b>Start/End Date:</b>	2016-TBD	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$5,000	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Transportation Move Seattle Levy - Lid Lift	5	0	0	0	0	0	0	4,995	5,000
<b>Total:</b>	5	0	0	0	0	0	0	4,995	5,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	5	0	0	0	0	0	0	4,995	5,000
<b>Total:</b>	5	0	0	0	0	0	0	4,995	5,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	5	0	0	0	0	0	0	4,995	5,000
<b>Total:</b>	5	0	0	0	0	0	0	4,995	5,000

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program



## Seattle Department of Transportation

Heavy Haul Network Program

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367590
<b>Start/End Date:</b>	2016-2022	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$43,500	<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. Current projects include E Marginal Way between S Atlantic St and S Michigan St. The Port of Seattle, through Memorandum of Understanding, is to provide partnership funding. Improvements will include rebuilt roadways, signal and ITS enhancements and safety measures to reduce conflicts between freight and non-motorized users. (Previously known as the "Heavy Haul Corridor Program".)

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Transportation Move Seattle Levy - Lid Lift	0	1,000	500	3,500	0	0	0	0	5,000
To be determined	0	0	0	0	19,000	19,000	500	0	38,500
<b>Total:</b>	0	1,000	500	3,500	19,000	19,000	500	0	43,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	0	1,000	500	3,500	0	0	0	0	5,000
To Be Determined	0	0	0	0	19,000	19,000	500	0	38,500
<b>Total:</b>	0	1,000	500	3,500	19,000	19,000	500	0	43,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	0	1,000	500	3,500	0	0	0	0	5,000
To Be Determined	0	0	0	0	19,000	19,000	500	0	38,500
<b>Total:</b>	0	1,000	500	3,500	19,000	19,000	500	0	43,500

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**King Street Station Tenant Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367840
<b>Start/End Date:</b>	2016-2018	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$4,650	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Interdepartmental Transfer	170	80	0	0	0	0	0	0	250
2018 Multipurpose LTGO Bond Proceeds	0	1,000	3,400	0	0	0	0	0	4,400
<b>Total:</b>	170	1,080	3,400	0	0	0	0	0	4,650

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	170	80	0	0	0	0	0	0	250
Future Bond Funds	0	1,000	3,400	0	0	0	0	0	4,400
<b>Total:</b>	170	1,080	3,400	0	0	0	0	0	4,650

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	170	80	0	0	0	0	0	0	250
Future Bond Funds	0	1,000	3,400	0	0	0	0	0	4,400
<b>Total:</b>	170	1,080	3,400	0	0	0	0	0	4,650

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

### Lynnwood Link Extension

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367940
<b>Start/End Date:</b>	2017-2023	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Facility	<b>BCL/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>	\$200	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Sound Transit Funds	0	200	0	0	0	0	0	0	200
<b>Total:</b>	0	200	0	0	0	0	0	0	200

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	0	200	0	0	0	0	0	0	200
<b>Total:</b>	0	200	0	0	0	0	0	0	200

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	0	200	0	0	0	0	0	0	200
<b>Total:</b>	0	200	0	0	0	0	0	0	200

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

**Madison Street Bus Rapid Transit**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367480
<b>Start/End Date:</b>	2013-2020	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Facility	<b>BCL/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>	\$121,479	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	150	0	0	0	0	0	0	0	150
Vehicle Licensing Fees	1,000	0	0	0	0	0	0	0	1,000
Federal Grant Funds	0	4,900	0	0	0	0	0	0	4,900
Transportation Funding Package - Lid Lift	855	0	0	0	0	0	0	0	855
Interdepartmental Transfer	9	0	0	0	0	0	0	0	9
Private Funding/Donations	0	0	250	0	0	0	0	0	250
Transportation Move Seattle Levy - Lid Lift	3,124	3,076	3,800	4,744	256	0	0	0	15,000
To be determined	0	0	0	99,315	0	0	0	0	99,315
<b>Total:</b>	5,138	7,976	4,050	104,059	256	0	0	0	121,479

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	150	0	0	0	0	0	0	0	150
Transportation Operating Fund	4,988	7,976	4,050	4,744	256	0	0	0	22,014
To Be Determined	0	0	0	99,315	0	0	0	0	99,315
<b>Total:</b>	5,138	7,976	4,050	104,059	256	0	0	0	121,479

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**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	150	0	0	0	0	0	0	0	150
Transportation Operating Fund	4,988	7,976	4,050	4,744	256	0	0	0	22,014
To Be Determined	0	0	0	99,315	0	0	0	0	99,315
<b>Total:</b>	5,138	7,976	4,050	104,059	256	0	0	0	121,479
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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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### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Magnolia Bridge Replacement Project**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC366060
<b>Start/End Date:</b>	2002-ON HOLD	<b>BCL/Program Code:</b>	19002
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>	Design	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	348	0	0	0	0	0	0	0	348
Street Vacations - SVF	40	0	0	0	0	0	0	0	40
Vehicle Licensing Fees	100	0	0	0	0	0	0	0	100
Federal Grant Funds	8,950	0	0	0	0	0	0	0	8,950
Transportation Funding Package - Parking Tax	211	0	0	0	0	0	0	0	211
Transportation Funding Package - Business Transportation Tax	84	0	0	0	0	0	0	0	84
Transportation Funding Package - Lid Lift	131	0	0	0	0	0	0	0	131
State Gas Taxes - Arterial City Street Fund	114	0	0	0	0	0	0	0	114
General Subfund Revenues	53	0	0	0	0	0	0	0	53
<b>Total:</b>	10,030	0	0	0	0	0	0	0	10,030

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**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	348	0	0	0	0	0	0	0	348
Cumulative Reserve Subfund - Street Vacation Subaccount	40	0	0	0	0	0	0	0	40
Transportation Operating Fund	9,642	0	0	0	0	0	0	0	9,642
<b>Total:</b>	10,030	0	0	0	0	0	0	0	10,030
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	348	0	0	0	0	0	0	0	348
Cumulative Reserve Subfund - Street Vacation Subaccount	40	0	0	0	0	0	0	0	40
Transportation Operating Fund	9,642	0	0	0	0	0	0	0	9,642
<b>Total:</b>	10,030	0	0	0	0	0	0	0	10,030
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program



## Seattle Department of Transportation

**Market / 45th Multimodal Corridor**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367790
<b>Start/End Date:</b>	2019-2022	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	NW Market ST/N 45th ST
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$37,050	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Commercial Parking Tax	0	50	0	0	0	0	0	0	50
Transportation Move Seattle Levy - Lid Lift	0	0	250	750	1,500	3,500	3,500	0	9,500
To be determined	0	0	0	0	0	12,145	15,355	0	27,500
<b>Total:</b>	0	50	250	750	1,500	15,645	18,855	0	37,050

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	0	50	250	750	1,500	3,500	3,500	0	9,550
To Be Determined	0	0	0	0	0	12,145	15,355	0	27,500
<b>Total:</b>	0	50	250	750	1,500	15,645	18,855	0	37,050

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	0	50	250	750	1,500	3,500	3,500	0	9,550
To Be Determined	0	0	0	0	0	12,145	15,355	0	27,500
<b>Total:</b>	0	50	250	750	1,500	15,645	18,855	0	37,050

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

Market to MOHAI

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC368060
<b>Start/End Date:</b>	2018-2018	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Thomas St./9th Ave/Bell Street
<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 Thomas St., 9th Ave, and Bell St. These improvements could include street lighting, sidewalk paving markers, wayfinding markers, and other improvements.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	500	0	0	0	0	0	500
<b>Total:</b>	0	0	500	0	0	0	0	0	500
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	500	0	0	0	0	0	500
<b>Total:</b>	0	0	500	0	0	0	0	0	500
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Mercer Corridor Project**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC365500
<b>Start/End Date:</b>	1999-2018	<b>BCL/Program Code:</b>	19002
<b>Project Category:</b>	New Facility	<b>BCL/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>	\$149,998	<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.

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	361	0	0	0	0	0	0	0	361
South Lake Union Property Sale Proceeds	50	0	0	0	0	0	0	0	50
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
Transportation Funding Package - Parking Tax	2,594	0	0	0	0	0	0	0	2,594
City Light Fund Revenues	6,261	0	0	0	0	0	0	0	6,261
State Gas Taxes - Arterial City Street Fund	1,150	0	0	0	0	0	0	0	1,150
General Subfund Revenues	194	0	0	0	0	0	0	0	194
Private Funding/Donations	30,349	50	0	0	0	0	0	0	30,399
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
2005 LTGO Bond	1,912	0	0	0	0	0	0	0	1,912
Transportation Bond Funds	4,560	0	0	0	0	0	0	0	4,560
2002B LTGO Bond	400	0	0	0	0	0	0	0	400
2003 LTGO Bond	600	0	0	0	0	0	0	0	600
2006 LTGO Bond	2,500	0	0	0	0	0	0	0	2,500
2007 Multipurpose LTGO Bond	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
<b>Total:</b>	149,948	50	0	0	0	0	0	0	149,998

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	361	0	0	0	0	0	0	0	361
Cumulative Reserve Subfund - South Lake Union Property Proceeds Subaccount	50	0	0	0	0	0	0	0	50
Transportation Operating Fund	85,054	50	0	0	0	0	0	0	85,104
2005 LTGO Capital Project Fund	1,912	0	0	0	0	0	0	0	1,912
Transportation Bond Fund	4,560	0	0	0	0	0	0	0	4,560
2002B LTGO Capital Project Fund	400	0	0	0	0	0	0	0	400
2003 LTGO Capital Project Fund	600	0	0	0	0	0	0	0	600
2006 LTGO Capital Projects 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
<b>Total:</b>	149,948	50	0	0	0	0	0	0	149,998

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	361	0	0	0	0	0	0	0	361
Cumulative Reserve Subfund - South Lake Union Property Proceeds Subaccount	50	0	0	0	0	0	0	0	50
Transportation Operating Fund	85,054	25	25	0	0	0	0	0	85,104
2005 LTGO Capital Project Fund	1,912	0	0	0	0	0	0	0	1,912
Transportation Bond Fund	4,560	0	0	0	0	0	0	0	4,560
2002B LTGO Capital Project Fund	400	0	0	0	0	0	0	0	400

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

## 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2003 LTGO Capital Project Fund	600	0	0	0	0	0	0	0	600
2006 LTGO Capital Projects 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
<b>Total:</b>	149,948	25	25	0	0	0	0	0	149,998
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Mercer Corridor Project West Phase**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367110
<b>Start/End Date:</b>	2010-2022	<b>BCL/Program Code:</b>	19002
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>	Construction	<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>	\$90,174	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Street Vacations -CRSU	5	200	0	0	0	0	0	0	205
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
Private Funding/Donations	1,521	0	0	0	0	0	0	0	1,521
State Grant Funds	5,361	0	0	0	0	0	0	0	5,361
Property Sales and Interest Earnings	14,863	7,095	0	0	0	0	0	0	21,958
Water Rates	676	0	0	0	0	0	0	0	676
Federal ARRA Funds: FHWA Highway Infrastructure Investment	14,000	0	0	0	0	0	0	0	14,000
Rubble Yard Proceeds	100	0	0	0	0	0	0	0	100
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
<b>Total:</b>	<b>82,879</b>	<b>7,295</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>90,174</b>

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

**2018 - 2023 Proposed Capital Improvement Program**



## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	5	200	0	0	0	0	0	0	205
Transportation Operating Fund	52,664	7,095	0	0	0	0	0	0	59,759
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
<b>Total:</b>	<b>82,879</b>	<b>7,295</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>90,174</b>
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	5	0	40	40	40	40	40	0	205
Transportation Operating Fund	52,664	4,940	2,155	0	0	0	0	0	59,759
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
<b>Total:</b>	<b>82,879</b>	<b>4,940</b>	<b>2,195</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>0</b>	<b>90,174</b>
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**NE 43rd Street Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367900
<b>Start/End Date:</b>	2017-2021	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Transportation Funding Package - Parking Tax	0	1,000	540	540	540	540	0	0	3,160
<b>Total:</b>	0	1,000	540	540	540	540	0	0	3,160

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	0	1,000	540	540	540	540	0	0	3,160
<b>Total:</b>	0	1,000	540	540	540	540	0	0	3,160

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	0	1,000	540	540	540	540	0	0	3,160
<b>Total:</b>	0	1,000	540	540	540	540	0	0	3,160

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Northgate Bike and Pedestrian Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367850
<b>Start/End Date:</b>	2017-2019	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Various
<b>Neighborhood District:</b>	North	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$1,500	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	500	0	0	0	0	0	0	500
Transportation Funding Package - Parking Tax	0	500	0	0	0	0	0	0	500
State Grant Funds	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	1,500	0	0	0	0	0	0	1,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	500	0	0	0	0	0	0	500
Transportation Operating Fund	0	1,000	0	0	0	0	0	0	1,000
<b>Total:</b>	0	1,500	0	0	0	0	0	0	1,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	100	75	325	0	0	0	0	500
Transportation Operating Fund	0	0	0	1,000	0	0	0	0	1,000
<b>Total:</b>	0	100	75	1,325	0	0	0	0	1,500

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

Northgate Bridge and Cycle Track

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367350
<b>Start/End Date:</b>	2013-2020	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<b>Location:</b>	TBD
<b>Neighborhood District:</b>	North	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$37,941	<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 multi-use path along 1st Avenue NE.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	3,000	0	0	0	0	0	0	3,000
Street Vacations - SVF	48	650	0	100	0	0	0	0	797
Federal Grant Funds	1,313	0	0	0	0	0	0	0	1,313
Transportation Funding Package - Lid Lift	200	0	0	0	0	0	0	0	200
City Light Fund Revenues	0	0	65	154	0	0	0	0	219
State Grant Funds	0	0	0	5,000	5,000	0	0	0	10,000
Sound Transit Funds	0	0	0	2,500	1,500	0	0	0	4,000
User Fees	896	2,517	0	0	0	0	0	0	3,412
Transportation Move Seattle Levy - Lid Lift	610	1,635	0	6,138	6,616	0	0	0	15,000
<b>Total:</b>	<b>3,066</b>	<b>7,802</b>	<b>65</b>	<b>13,892</b>	<b>13,116</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,941</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	3,000	0	0	0	0	0	0	3,000
Cumulative Reserve Subfund - Street Vacation Subaccount	48	650	0	100	0	0	0	0	797
Transportation Operating Fund	3,018	4,152	65	13,792	13,116	0	0	0	34,143
<b>Total:</b>	<b>3,066</b>	<b>7,802</b>	<b>65</b>	<b>13,892</b>	<b>13,116</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,941</b>

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**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	732	1,511	757	0	0	0	0	3,000
Cumulative Reserve Subfund - Street Vacation Subaccount	48	488	162	100	0	0	0	0	797
Transportation Operating Fund	3,018	1,635	232	15,245	14,013	0	0	0	34,143
<b>Total:</b>	3,066	2,855	1,905	16,102	14,013	0	0	0	37,941
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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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### **2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Overlook Walk and East-West Connections Project**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367630
<b>Start/End Date:</b>	2013-2022	<b>BCL/Program Code:</b>	19002
<b>Project Category:</b>	New Investment	<b>BCL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>	Design	<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$170,430	<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 2019 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
User Fees	1,037	2,108	385	205	0	0	0	0	3,735
Transportation Bond Funds	0	0	0	1,860	990	2,050	1,750	750	7,400
Private Funding/Donations	0	0	0	2,330	9,380	21,930	5,680	1,000	40,320
Local Improvement District Bonds	726	1,775	1,410	9,448	32,626	47,295	16,755	1,000	111,035
2015 Multipurpose LTGO Bond Proceeds	61	1,318	0	0	0	0	0	0	1,379
2017 Multipurpose LTGO Bond Proceeds	0	3,281	0	0	0	0	0	0	3,281
2018 Multipurpose LTGO Bond Proceeds	0	0	3,280	0	0	0	0	0	3,280
<b>Total:</b>	<b>1,824</b>	<b>8,482</b>	<b>5,075</b>	<b>13,843</b>	<b>42,996</b>	<b>71,275</b>	<b>24,185</b>	<b>2,750</b>	<b>170,430</b>

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**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	1,037	2,108	385	205	0	0	0	0	3,735
Future Bond Funds	0	0	0	1,860	990	2,050	1,750	750	7,400
Central Waterfront Improvement Fund	726	1,775	1,410	11,778	42,006	69,225	22,435	2,000	151,355
2015 Multipurpose LTGO Bond Fund	61	1,318	0	0	0	0	0	0	1,379
2017 Multipurpose LTGO Bond Fund	0	3,281	0	0	0	0	0	0	3,281
2018 Multipurpose LTGO Bond Fund	0	0	3,280	0	0	0	0	0	3,280
<b>Total:</b>	<b>1,824</b>	<b>8,482</b>	<b>5,075</b>	<b>13,843</b>	<b>42,996</b>	<b>71,275</b>	<b>24,185</b>	<b>2,750</b>	<b>170,430</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	1,037	2,108	385	205	0	0	0	0	3,735
Future Bond Funds	0	0	0	1,860	990	2,050	1,750	750	7,400
Central Waterfront Improvement Fund	726	1,775	1,410	11,778	42,006	69,225	22,435	2,000	151,355
2015 Multipurpose LTGO Bond Fund	61	1,318	0	0	0	0	0	0	1,379
2017 Multipurpose LTGO Bond Fund	0	3,281	0	0	0	0	0	0	3,281
2018 Multipurpose LTGO Bond Fund	0	0	3,280	0	0	0	0	0	3,280
<b>Total:</b>	<b>1,824</b>	<b>8,482</b>	<b>5,075</b>	<b>13,843</b>	<b>42,996</b>	<b>71,275</b>	<b>24,185</b>	<b>2,750</b>	<b>170,430</b>

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program



## Seattle Department of Transportation

Pay Stations

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC366350
<b>Start/End Date:</b>	2004-2018	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Investment	<b>BCL/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>	\$31,243	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Subfund Revenues	2,347	265	0	0	0	0	0	0	2,612
2005 LTGO Bond	10,313	0	0	0	0	0	0	0	10,313
2007 Multipurpose LTGO Bond	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
2016 Multipurpose LTGO Bond Proceeds	5,057	2,160	0	0	0	0	0	0	7,217
Parking Garage Disposition Proceeds	743	2,757	0	0	0	0	0	0	3,500
<b>Total:</b>	26,061	5,182	0	0	0	0	0	0	31,243

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	2,347	265	0	0	0	0	0	0	2,612
2005 LTGO Capital Project Fund	10,313	0	0	0	0	0	0	0	10,313
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
2016 Multipurpose LTGO Bond Fund	5,057	2,160	0	0	0	0	0	0	7,217
Parking Garage Disposition Proceeds Fund	743	2,757	0	0	0	0	0	0	3,500
<b>Total:</b>	26,061	5,182	0	0	0	0	0	0	31,243

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	2,347	265	0	0	0	0	0	0	2,612
2005 LTGO Capital Project Fund	10,313	0	0	0	0	0	0	0	10,313
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
2016 Multipurpose LTGO Bond Fund	5,057	634	1,526	0	0	0	0	0	7,217
Parking Garage Disposition Proceeds Fund	743	2,757	0	0	0	0	0	0	3,500
<b>Total:</b>	26,061	3,656	1,526	0	0	0	0	0	31,243

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

Rainier/Jackson Multimodal Corridor

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367770
<b>Start/End Date:</b>	2016-2021	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Design	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Federal Grant Funds	0	3,000	0	0	0	0	0	0	3,000
Transportation Move Seattle Levy - Lid Lift	20	1,480	1,400	641	3,500	1,459	0	0	8,500
To be determined	0	0	0	1,587	10,408	500	0	0	12,495
<b>Total:</b>	20	4,480	1,400	2,228	13,908	1,959	0	0	23,995

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	20	4,480	1,400	641	3,500	1,459	0	0	11,500
To Be Determined	0	0	0	1,587	10,408	500	0	0	12,495
<b>Total:</b>	20	4,480	1,400	2,228	13,908	1,959	0	0	23,995

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	20	749	3,585	2,187	3,500	1,459	0	0	11,500
To Be Determined	0	0	0	1,587	10,408	500	0	0	12,495
<b>Total:</b>	20	749	3,585	3,774	13,908	1,959	0	0	23,995

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Roosevelt Multimodal Corridor**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367380
<b>Start/End Date:</b>	2013-2021	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<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>	\$34,003	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	350	0	0	0	0	0	0	0	350
Street Vacations -CRSU	650	0	0	0	0	0	0	0	650
Transportation Funding Package - Parking Tax	203	497	0	0	0	0	0	0	700
Transportation Move Seattle Levy - Lid Lift	405	595	2,856	1,527	2,417	200	0	0	8,000
To be determined	0	0	0	5,662	18,141	500	0	0	24,303
<b>Total:</b>	<b>1,608</b>	<b>1,092</b>	<b>2,856</b>	<b>7,189</b>	<b>20,558</b>	<b>700</b>	<b>0</b>	<b>0</b>	<b>34,003</b>
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	350	0	0	0	0	0	0	0	350
Cumulative Reserve Subfund - Unrestricted Subaccount	650	0	0	0	0	0	0	0	650
Transportation Operating Fund	608	1,092	2,856	1,527	2,417	200	0	0	8,700
To Be Determined	0	0	0	5,662	18,141	500	0	0	24,303
<b>Total:</b>	<b>1,608</b>	<b>1,092</b>	<b>2,856</b>	<b>7,189</b>	<b>20,558</b>	<b>700</b>	<b>0</b>	<b>0</b>	<b>34,003</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	350	0	0	0	0	0	0	0	350
Cumulative Reserve Subfund - Unrestricted Subaccount	650	0	0	0	0	0	0	0	650
Transportation Operating Fund	608	799	2,348	1,527	2,417	1,000	0	0	8,700
To Be Determined	0	0	0	5,662	18,141	500	0	0	24,303
<b>Total:</b>	1,608	799	2,348	7,189	20,558	1,500	0	0	34,003
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Route 40 Northgate to Downtown Transit Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367820
<b>Start/End Date:</b>	2016-2023	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$38,000	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Transportation Move Seattle Levy - Lid Lift	0	0	0	575	2,163	3,722	3,040	0	9,500
To be determined	0	0	0	0	0	0	12,730	15,770	28,500
<b>Total:</b>	0	0	0	575	2,163	3,722	15,770	15,770	38,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	0	0	0	575	2,163	3,722	3,040	0	9,500
To Be Determined	0	0	0	0	0	0	12,730	15,770	28,500
<b>Total:</b>	0	0	0	575	2,163	3,722	15,770	15,770	38,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	0	0	0	575	2,163	3,722	3,040	0	9,500
To Be Determined	0	0	0	0	0	0	12,730	15,770	28,500
<b>Total:</b>	0	0	0	575	2,163	3,722	15,770	15,770	38,000

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Route 48 South Electrification**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367660
<b>Start/End Date:</b>	2018-2020	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Investment	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Federal Grant Funds	0	0	0	4,475	981	0	0	0	5,456
Transportation Move Seattle Levy - Lid Lift	0	0	187	593	247	0	0	0	1,027
To be determined	0	0	0	597	0	0	0	0	597
<b>Total:</b>	0	0	187	5,665	1,228	0	0	0	7,080

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	0	0	187	5,068	1,228	0	0	0	6,483
To Be Determined	0	0	0	597	0	0	0	0	597
<b>Total:</b>	0	0	187	5,665	1,228	0	0	0	7,080

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	0	0	187	5,068	1,228	0	0	0	6,483
To Be Determined	0	0	0	597	0	0	0	0	597
<b>Total:</b>	0	0	187	5,665	1,228	0	0	0	7,080

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

**2018 - 2023 Proposed Capital Improvement Program**



	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**S Lander St. Grade Separation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC366150
<b>Start/End Date:</b>	2001-2019	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<b>Current Project Stage:</b>	Procurement/Bid	<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>	\$125,533	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	10,800	0	0	0	0	0	0	10,800
Vehicle Licensing Fees	35	0	0	0	0	0	0	0	35
Federal Grant Funds	100	3,000	14,500	40,094	0	0	0	0	57,694
State Gas Taxes - Arterial City Street Fund	185	0	0	0	0	0	0	0	185
Port of Seattle Funds	0	0	2,000	13,000	0	0	0	0	15,000
Private Funding/Donations	0	0	0	2,500	0	0	0	0	2,500
State Grant Funds	0	7,000	0	7,011	0	0	0	0	14,011
Transportation Move Seattle Levy - Lid Lift	3,000	0	5,000	10,250	1,000	750	0	0	20,000
2008 Multipurpose LTGO Bond Fund	2,213	0	0	0	0	0	0	0	2,213
Transportation Bond Funds	0	0	0	895	0	0	0	0	895
Parking Garage Disposition Proceeds	69	2,131	0	0	0	0	0	0	2,200
<b>Total:</b>	5,602	22,931	21,500	73,750	1,000	750	0	0	125,533

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	10,800	0	0	0	0	0	0	10,800
Transportation Operating Fund	3,320	10,000	21,500	72,855	1,000	750	0	0	109,425
2008 Multipurpose LTGO Bond Fund	2,213	0	0	0	0	0	0	0	2,213
Future Bond Funds	0	0	0	895	0	0	0	0	895
Parking Garage Disposition Proceeds Fund	69	2,131	0	0	0	0	0	0	2,200
<b>Total:</b>	5,602	22,931	21,500	73,750	1,000	750	0	0	125,533

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	5,017	5,783	0	0	0	0	0	10,800
Transportation Operating Fund	3,320	4,457	26,911	72,987	1,000	750	0	0	109,425
2008 Multipurpose LTGO Bond Fund	2,213	0	0	0	0	0	0	0	2,213
Future Bond Funds	0	0	0	895	0	0	0	0	895
Parking Garage Disposition Proceeds Fund	69	2,131	0	0	0	0	0	0	2,200
<b>Total:</b>	5,602	11,605	32,694	73,882	1,000	750	0	0	125,533

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

Sound Transit - East Link

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367410
<b>Start/End Date:</b>	2013-2023	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Facility	<b>BCL/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>	\$873	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Sound Transit Funds	140	213	170	70	70	70	70	70	873
<b>Total:</b>	140	213	170	70	70	70	70	70	873

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	140	213	170	70	70	70	70	70	873
<b>Total:</b>	140	213	170	70	70	70	70	70	873

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	140	213	170	70	70	70	70	70	873
<b>Total:</b>	140	213	170	70	70	70	70	70	873

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

Sound Transit 3

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367870
<b>Start/End Date:</b>	2017-2036	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	Mobility-Capital
<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>	\$750	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Subfund Revenues	0	750	0	0	0	0	0	0	750
<b>Total:</b>	0	750	0	0	0	0	0	0	750

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	0	750	0	0	0	0	0	0	750
<b>Total:</b>	0	750	0	0	0	0	0	0	750

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	0	250	500	0	0	0	0	0	750
<b>Total:</b>	0	250	500	0	0	0	0	0	750

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

Sound Transit North Link

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367190
<b>Start/End Date:</b>	2011-2021	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Facility	<b>BCL/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>	\$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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Sound Transit Funds	817	675	308	310	252	69	0	0	2,431
<b>Total:</b>	817	675	308	310	252	69	0	0	2,431
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	817	675	308	310	252	69	0	0	2,431
<b>Total:</b>	817	675	308	310	252	69	0	0	2,431
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	817	675	308	310	252	69	0	0	2,431
<b>Total:</b>	817	675	308	310	252	69	0	0	2,431
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**SPU Drainage Partnership - Broadview Pedestrian Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367750
<b>Start/End Date:</b>	2016-2020	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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. SPU is leading this project which is expected to reach 10% design by the end of 2017. An estimated carry-forward amount of \$950,000 will be available for work during 2018.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Transportation Move Seattle Levy - Lid Lift	22	978	0	594	6,406	0	0	0	8,000
<b>Total:</b>	22	978	0	594	6,406	0	0	0	8,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	22	978	0	594	6,406	0	0	0	8,000
<b>Total:</b>	22	978	0	594	6,406	0	0	0	8,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	22	98	449	1,025	6,406	0	0	0	8,000
<b>Total:</b>	22	98	449	1,025	6,406	0	0	0	8,000

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



## Seattle Department of Transportation

**SPU Drainage Partnership - South Park**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC367760
<b>Start/End Date:</b>	2016-2020	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Transportation Move Seattle Levy - Lid Lift	15	510	345	3,300	5,830	0	0	0	10,000
<b>Total:</b>	15	510	345	3,300	5,830	0	0	0	10,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	15	510	345	3,300	5,830	0	0	0	10,000
<b>Total:</b>	15	510	345	3,300	5,830	0	0	0	10,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	15	355	500	3,300	5,830	0	0	0	10,000
<b>Total:</b>	15	355	500	3,300	5,830	0	0	0	10,000

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

SR-520 Project

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	TC365880
<b>Start/End Date:</b>	2002-2022	<b>BCL/Program Code:</b>	19002
<b>Project Category:</b>	New Investment	<b>BCL/Program Name:</b>	Major Projects
<b>Current Project Stage:</b>	Construction	<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>	\$9,853	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	54	0	0	0	0	0	0	0	54
Street Vacations - SVF	54	0	0	0	0	0	0	0	54
Vehicle Licensing Fees	60	0	0	0	0	0	0	0	60
State Gas Taxes - Arterial City Street Fund	910	693	127	130	134	138	138	0	2,269
General Subfund Revenues	33	0	0	0	0	0	0	0	33
Private Funding/Donations	543	0	0	0	0	0	0	0	543
State Grant Funds	1,388	1,144	804	641	814	849	1,200	0	6,840
<b>Total:</b>	<b>3,041</b>	<b>1,836</b>	<b>931</b>	<b>771</b>	<b>948</b>	<b>987</b>	<b>1,338</b>	<b>0</b>	<b>9,853</b>
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	54	0	0	0	0	0	0	0	54
Cumulative Reserve Subfund - Street Vacation Subaccount	54	0	0	0	0	0	0	0	54
Transportation Operating Fund	2,933	1,836	931	771	948	987	1,338	0	9,745
<b>Total:</b>	<b>3,041</b>	<b>1,836</b>	<b>931</b>	<b>771</b>	<b>948</b>	<b>987</b>	<b>1,338</b>	<b>0</b>	<b>9,853</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	54	0	0	0	0	0	0	0	54
Cumulative Reserve Subfund - Street Vacation Subaccount	54	0	0	0	0	0	0	0	54
Transportation Operating Fund	2,933	1,836	931	771	948	987	1,338	0	9,745
<b>Total:</b>	3,041	1,836	931	771	948	987	1,338	0	9,853
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

Accela Permitting System

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367730
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
User Fees	2,146	8,502	0	1,000	1,000	1,000	1,000	1,000	15,649
<b>Total:</b>	2,146	8,502	0	1,000	1,000	1,000	1,000	1,000	15,649

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	2,146	8,502	0	1,000	1,000	1,000	1,000	1,000	15,649
<b>Total:</b>	2,146	8,502	0	1,000	1,000	1,000	1,000	1,000	15,649

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	2,146	6,355	2,147	1,000	1,000	1,000	1,000	1,000	15,649
<b>Total:</b>	2,146	6,355	2,147	1,000	1,000	1,000	1,000	1,000	15,649

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Arterial Asphalt & Concrete Program Phase II**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367740
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	450	0	0	0	0	0	0	450
Real Estate Excise Tax I	0	2,750	0	0	0	0	0	0	2,750
Federal Grant Funds	0	1,500	0	1,500	1,500	0	0	0	4,500
State Grant Funds	0	1,654	0	0	0	0	0	0	1,654
Transportation Move Seattle Levy - Lid Lift	2,349	29,056	9,842	26,984	24,210	30,000	35,000	35,000	192,440
<b>Total:</b>	2,349	35,410	9,842	28,484	25,710	30,000	35,000	35,000	201,794

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	450	0	0	0	0	0	0	450
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	2,750	0	0	0	0	0	0	2,750
Transportation Operating Fund	2,349	32,210	9,842	28,484	25,710	30,000	35,000	35,000	198,594
<b>Total:</b>	2,349	35,410	9,842	28,484	25,710	30,000	35,000	35,000	201,794

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	450	0	0	0	0	0	0	450
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	2,750	0	0	0	0	0	0	2,750
Transportation Operating Fund	2,349	15,802	29,249	25,484	25,710	30,000	35,000	35,000	198,594
<b>Total:</b>	2,349	19,002	29,249	25,484	25,710	30,000	35,000	35,000	201,794

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Arterial Asphalt and Concrete Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC365440
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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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### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	17,085	136	0	0	0	0	0	0	17,221
Real Estate Excise Tax I	501	0	0	0	0	0	0	0	501
Property Sales and Interest Earnings	253	0	0	0	0	0	0	0	253
Street Vacations -CRSU	950	0	0	0	0	0	0	0	950
Vehicle Licensing Fees	346	0	0	0	0	0	0	0	346
Drainage and Wastewater Rates	1,871	0	0	0	0	0	0	0	1,871
Federal Grant Funds	16,238	1	0	0	0	0	0	0	16,239
Transportation Funding Package - Parking Tax	15,956	519	0	0	0	0	0	0	16,476
Transportation Funding Package - Business Transportation Tax	7,250	0	0	0	0	0	0	0	7,250
Transportation Funding Package - Lid Lift	104,959	730	0	0	0	0	0	0	105,689
City Light Fund Revenues	375	0	0	0	0	0	0	0	375
State Gas Taxes - Arterial City Street Fund	815	0	0	0	0	0	0	0	815
General Subfund Revenues	3,200	0	0	0	0	0	0	0	3,200
Interfund Loan	11,069	35	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	5,572	12	0	0	0	0	0	0	5,583
Transportation Move Seattle Levy - Lid Lift	3,248	11,996	0	0	0	0	0	0	15,244
Transportation Bond Funds	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
<b>Total:</b>	<b>217,353</b>	<b>13,428</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>230,781</b>

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

### 2018 - 2023 Proposed Capital Improvement Program



## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	17,085	136	0	0	0	0	0	0	17,221
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	501	0	0	0	0	0	0	0	501
Cumulative Reserve Subfund - Unrestricted Subaccount	253	0	0	0	0	0	0	0	253
Cumulative Reserve Subfund - Street Vacation Subaccount	950	0	0	0	0	0	0	0	950
Transportation Operating Fund	173,420	13,293	0	0	0	0	0	0	186,713
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
<b>Total:</b>	<b>217,353</b>	<b>13,428</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>230,781</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	17,085	136	0	0	0	0	0	0	17,221
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	501	0	0	0	0	0	0	0	501
Cumulative Reserve Subfund - Unrestricted Subaccount	253	0	0	0	0	0	0	0	253
Cumulative Reserve Subfund - Street Vacation Subaccount	950	0	0	0	0	0	0	0	950
Transportation Operating Fund	173,420	9,913	3,380	0	0	0	0	0	186,713
Transportation Bond Fund	800	0	0	0	0	0	0	0	800

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## 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
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
<b>Total:</b>	217,353	10,049	3,380	0	0	0	0	0	230,782
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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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### **2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Arterial Major Maintenance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC365940
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	14,730	615	500	0	0	0	0	0	15,844
Real Estate Excise Tax I	4,247	0	1,185	0	0	0	0	0	5,432
Street Vacations - SVF	160	135	0	0	0	0	0	0	295
Vehicle Licensing Fees	1,200	700	600	615	630	646	662	679	5,732
Transportation Funding Package - Parking Tax	4,602	395	1,650	1,650	1,650	1,650	1,650	1,650	14,897
Transportation Funding Package - Lid Lift	7,664	5	0	0	0	0	0	0	7,669
State Gas Taxes - Arterial City Street Fund	612	0	0	0	0	0	0	0	612
General Subfund Revenues	200	0	0	0	0	0	0	0	200
Rubble Yard Proceeds	3,850	0	0	0	0	0	0	0	3,850
Transportation Move Seattle Levy - Lid Lift	2,972	1,528	1,500	1,500	1,500	2,000	2,000	2,000	15,000
Parking Garage Disposition Proceeds	0	1,400	0	0	0	0	0	0	1,400
<b>Total:</b>	<b>40,237</b>	<b>4,777</b>	<b>5,435</b>	<b>3,765</b>	<b>3,780</b>	<b>4,296</b>	<b>4,312</b>	<b>4,329</b>	<b>70,931</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	14,730	615	500	0	0	0	0	0	15,844
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,247	0	1,185	0	0	0	0	0	5,432
Cumulative Reserve Subfund - Street Vacation Subaccount	160	135	0	0	0	0	0	0	295
Transportation Operating Fund	21,100	2,628	3,750	3,765	3,780	4,296	4,312	4,329	47,960
Parking Garage Disposition Proceeds Fund	0	1,400	0	0	0	0	0	0	1,400
<b>Total:</b>	<b>40,237</b>	<b>4,777</b>	<b>5,435</b>	<b>3,765</b>	<b>3,780</b>	<b>4,296</b>	<b>4,312</b>	<b>4,329</b>	<b>70,931</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	14,730	615	500	0	0	0	0	0	15,844
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,247	0	1,185	0	0	0	0	0	5,432
Cumulative Reserve Subfund - Street Vacation Subaccount	160	135	0	0	0	0	0	0	295
Transportation Operating Fund	21,100	2,628	3,750	3,765	3,780	4,296	4,312	4,329	47,960
Parking Garage Disposition Proceeds Fund	0	1,400	0	0	0	0	0	0	1,400
<b>Total:</b>	<b>40,237</b>	<b>4,777</b>	<b>5,435</b>	<b>3,765</b>	<b>3,780</b>	<b>4,296</b>	<b>4,312</b>	<b>4,329</b>	<b>70,931</b>

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Bike Master Plan - Greenways

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367910
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Transportation Move Seattle Levy - Lid Lift	0	0	2,700	4,300	2,400	3,900	2,000	2,000	17,300
<b>Total:</b>	0	0	2,700	4,300	2,400	3,900	2,000	2,000	17,300

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	0	0	2,700	4,300	2,400	3,900	2,000	2,000	17,300
<b>Total:</b>	0	0	2,700	4,300	2,400	3,900	2,000	2,000	17,300

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	0	0	2,700	4,300	2,400	3,900	2,000	2,000	17,300
<b>Total:</b>	0	0	2,700	4,300	2,400	3,900	2,000	2,000	17,300

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Bike Master Plan - Protected Bike Lanes**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC366760
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	933	270	0	0	0	0	0	0	1,203
Real Estate Excise Tax I	291	109	0	0	0	0	0	0	400
Vehicle Licensing Fees	4,360	2,790	1,200	1,230	1,261	1,293	1,325	1,358	14,817
Federal Grant Funds	537	9,827	0	0	0	0	0	0	10,363
Transportation Funding Package - Parking Tax	1,181	484	0	0	0	0	0	0	1,665
Transportation Funding Package - Business Transportation Tax	2,227	0	0	0	0	0	0	0	2,227
Transportation Funding Package - Lid Lift	29,118	370	0	0	0	0	0	0	29,488
State Gas Taxes - Arterial City Street Fund	777	630	0	0	0	0	0	0	1,407
General Subfund Revenues	1,100	0	0	0	0	0	0	0	1,100
Private Funding/Donations	10	0	0	0	0	0	0	0	10
State Grant Funds	50	1,336	0	0	0	0	0	0	1,385
User Fees	0	1,250	0	0	0	0	0	0	1,250
Rubble Yard Proceeds	346	0	0	0	0	0	0	0	346
Transportation Move Seattle Levy - Lid Lift	6,732	9,883	8,280	2,696	2,372	3,340	2,045	5,062	40,410
<b>Total:</b>	47,661	26,949	9,480	3,926	3,633	4,633	3,370	6,420	106,071

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	933	270	0	0	0	0	0	0	1,203
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	291	109	0	0	0	0	0	0	400
Transportation Operating Fund	46,437	26,570	9,480	3,926	3,633	4,633	3,370	6,420	104,468
<b>Total:</b>	47,661	26,949	9,480	3,926	3,633	4,633	3,370	6,420	106,071
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	933	270	0	0	0	0	0	0	1,203
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	291	109	0	0	0	0	0	0	400
Transportation Operating Fund	46,437	22,609	7,980	9,386	3,633	4,633	3,370	6,420	104,468
<b>Total:</b>	47,661	22,988	7,980	9,386	3,633	4,633	3,370	6,420	106,071
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Bike Master Plan - Urban Trails and Bikeways

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC368050
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

Transportation Move Seattle Levy - Lid Lift	0	0	1,000	1,000	1,000	1,000	1,000	1,000	6,000
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<b>Total:</b>	0	0	1,000	1,000	1,000	1,000	1,000	1,000	6,000
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	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

Transportation Operating Fund	0	0	1,000	1,000	1,000	1,000	1,000	1,000	6,000
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<b>Total:</b>	0	0	1,000	1,000	1,000	1,000	1,000	1,000	6,000
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	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

Transportation Operating Fund	0	0	1,000	1,000	1,000	1,000	1,000	1,000	6,000
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<b>Total:</b>	0	0	1,000	1,000	1,000	1,000	1,000	1,000	6,000
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	2018	2019	2020	2021	2022	2023	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.*

### 2018 - 2023 Proposed Capital Improvement Program



## Seattle Department of Transportation

**Bridge Load Rating**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC365060
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	359	243	500	0	0	0	0	0	1,101
Vehicle Licensing Fees	200	0	0	0	0	0	0	0	200
Transportation Funding Package - Parking Tax	100	200	0	0	0	0	0	0	300
State Gas Taxes - Arterial City Street Fund	2,560	954	99	608	617	627	336	346	6,147
General Subfund Revenues	302	0	0	0	0	0	0	0	302
<b>Total:</b>	3,521	1,397	599	608	617	627	336	346	8,050

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	359	243	500	0	0	0	0	0	1,101
Transportation Operating Fund	3,162	1,154	99	608	617	627	336	346	6,949
<b>Total:</b>	3,521	1,397	599	608	617	627	336	346	8,050

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	359	243	500	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.

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	3,162	1,085	168	608	617	627	336	346	6,949
<b>Total:</b>	3,521	1,328	668	608	617	627	336	346	8,050
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Bridge Painting Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC324900
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	22,737	5,865	2,135	2,135	2,135	2,135	2,135	2,135	41,411
Real Estate Excise Tax I	141	0	0	0	0	0	0	0	141
South Lake Union Property Sale Proceeds	91	0	0	0	0	0	0	0	91
Federal Grant Funds	180	0	0	0	0	0	0	0	180
Transportation Funding Package - Parking Tax	0	25	0	0	0	0	0	0	25
State Gas Taxes - Arterial City Street Fund	463	135	0	0	0	0	0	0	598
General Subfund Revenues	1,189	0	0	0	0	0	0	0	1,189
King County Funds	10	0	0	0	0	0	0	0	10
Rubble Yard Proceeds	300	0	0	0	0	0	0	0	300
<b>Total:</b>	<b>25,111</b>	<b>6,025</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>2,135</b>	<b>43,945</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	22,737	5,865	2,135	2,135	2,135	2,135	2,135	2,135	41,411
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	141	0	0	0	0	0	0	0	141
Cumulative Reserve Subfund - South Lake Union Property Proceeds Subaccount	91	0	0	0	0	0	0	0	91
Transportation Operating Fund	2,142	160	0	0	0	0	0	0	2,302
<b>Total:</b>	25,111	6,025	2,135	2,135	2,135	2,135	2,135	2,135	43,945
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	22,737	1,819	6,181	2,135	2,135	2,135	2,135	2,135	41,411
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	141	0	0	0	0	0	0	0	141
Cumulative Reserve Subfund - South Lake Union Property Proceeds Subaccount	91	0	0	0	0	0	0	0	91
Transportation Operating Fund	2,142	160	0	0	0	0	0	0	2,302
<b>Total:</b>	25,111	1,979	6,181	2,135	2,135	2,135	2,135	2,135	43,945
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Bridge Rehabilitation and Replacement**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC366850
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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, and NE 45th Street Viaduct. The Yesler Over 4th Avenue bridge maintenance will continue and the Fairview Ave N bridges are scheduled for replacement in 2018.

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	320	0	0	0	0	0	0	0	320
Street Vacations - SVF	0	853	0	0	0	0	0	0	853
Drainage and Wastewater Rates	182	0	0	0	0	0	0	0	182
Federal Grant Funds	11,224	8,869	0	4,000	0	0	0	0	24,093
Transportation Funding Package - Parking Tax	2,487	750	0	0	0	0	0	0	3,237
Transportation Funding Package - Business Transportation Tax	1,544	0	0	0	0	0	0	0	1,544
Transportation Funding Package - Lid Lift	2,660	280	0	0	0	0	0	0	2,940
City Light Fund Revenues	1,343	794	636	0	0	0	0	0	2,773
State Gas Taxes - Arterial City Street Fund	20	0	0	0	0	0	0	0	20
General Subfund Revenues	11	0	0	0	0	0	0	0	11
King County Funds	325	231	0	0	0	0	0	0	556
Public Works Trust Fund Proceeds	7,000	0	0	0	0	0	0	0	7,000
Private Funding/Donations	2,120	0	0	0	0	0	0	0	2,120
State Grant Funds	0	5,530	0	0	0	0	0	0	5,530
Water Rates	118	105	0	0	0	0	0	0	223
Transportation Move Seattle Levy - Lid Lift	117	4,348	5,148	16,687	1,000	0	0	0	27,300
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 Proceeds	3,292	1,233	0	0	0	0	0	0	4,525
2017 Multipurpose LTGO Bond Proceeds	0	5,247	0	0	0	0	0	0	5,247
<b>Total:</b>	<b>84,280</b>	<b>28,239</b>	<b>5,784</b>	<b>20,687</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>139,991</b>

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	320	0	0	0	0	0	0	0	320
Cumulative Reserve Subfund - Street Vacation Subaccount	0	853	0	0	0	0	0	0	853
Transportation Operating Fund	29,151	20,907	5,784	20,687	1,000	0	0	0	77,529
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	3,292	1,233	0	0	0	0	0	0	4,525
2017 Multipurpose LTGO Bond Fund	0	5,247	0	0	0	0	0	0	5,247
<b>Total:</b>	<b>84,280</b>	<b>28,239</b>	<b>5,784</b>	<b>20,687</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>139,991</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	320	0	0	0	0	0	0	0	320
Cumulative Reserve Subfund - Street Vacation Subaccount	0	853	0	0	0	0	0	0	853
Transportation Operating Fund	29,151	8,432	18,061	20,885	1,000	0	0	0	77,529
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

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

## 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2015 Multipurpose LTGO Bond Fund	3,292	1,192	41	0	0	0	0	0	4,525
2017 Multipurpose LTGO Bond Fund	0	368	4,878	0	0	0	0	0	5,247
<b>Total:</b>	84,280	10,846	22,980	20,885	1,000	0	0	0	139,991
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program



## Seattle Department of Transportation

**Bridge Rehabilitation and Replacement Phase II**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367450
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	39	556	0	0	0	0	0	0	595
Street Vacations - SVF	0	277	0	0	0	0	0	0	277
Federal Grant Funds	149	1,289	0	0	0	0	0	0	1,438
Transportation Funding Package - Parking Tax	149	0	0	0	0	0	0	0	149
Transportation Move Seattle Levy - Lid Lift	0	1,201	2,362	0	0	0	4,527	3,935	12,025
2011 Multipurpose LTGO bond Fund	257	70	0	0	0	0	0	0	327
2015 Multipurpose LTGO Bond Proceeds	0	579	0	0	0	0	0	0	580
<b>Total:</b>	595	3,972	2,362	0	0	0	4,527	3,935	15,392

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	39	556	0	0	0	0	0	0	595
Cumulative Reserve Subfund - Street Vacation Subaccount	0	277	0	0	0	0	0	0	277
Transportation Operating Fund	298	2,490	2,362	0	0	0	4,527	3,935	13,613
2011 Multipurpose LTGO Bond Fund	257	70	0	0	0	0	0	0	327
2015 Multipurpose LTGO Bond Fund	0	579	0	0	0	0	0	0	580
<b>Total:</b>	595	3,972	2,362	0	0	0	4,527	3,935	15,392
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	39	108	448	0	0	0	0	0	595
Cumulative Reserve Subfund - Street Vacation Subaccount	0	0	277	0	0	0	0	0	277
Transportation Operating Fund	298	1,944	2,908	0	0	0	4,527	3,935	13,613
2011 Multipurpose LTGO Bond Fund	257	70	0	0	0	0	0	0	327
2015 Multipurpose LTGO Bond Fund	0	579	0	0	0	0	0	0	580
<b>Total:</b>	595	2,702	3,633	0	0	0	4,527	3,935	15,392
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Bridge Seismic - Phase III**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367300
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Street Vacations - SVF	0	1,413	0	0	0	0	0	0	1,413
Federal Grant Funds	215	886	0	0	0	0	0	0	1,101
Transportation Funding Package - Parking Tax	0	18	0	0	0	0	0	0	18
Transportation Funding Package - Lid Lift	97	0	0	0	0	0	0	0	97
Transportation Move Seattle Levy - Lid Lift	61	1,939	7,317	10,010	9,666	6,862	9,413	18,818	64,085
2011 Multipurpose LTGO bond Fund	360	165	0	0	0	0	0	0	525
<b>Total:</b>	734	4,422	7,317	10,010	9,666	6,862	9,413	18,818	67,240

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	0	1,413	0	0	0	0	0	0	1,413
Transportation Operating Fund	374	2,843	7,317	10,010	9,666	6,862	9,413	18,818	65,302
2011 Multipurpose LTGO Bond Fund	360	165	0	0	0	0	0	0	525
<b>Total:</b>	734	4,422	7,317	10,010	9,666	6,862	9,413	18,818	67,240

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	0	1,257	157	0	0	0	0	0	1,413
Transportation Operating Fund	374	2,669	7,476	10,015	9,671	6,867	9,413	18,818	65,302
2011 Multipurpose LTGO Bond Fund	360	165	0	0	0	0	0	0	525
<b>Total:</b>	734	4,091	7,633	10,015	9,671	6,867	9,413	18,818	67,240
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Debt Service - CRF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC320060
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	18002D
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Debt Service Program
		<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– TC366050, Fremont Bridge Approaches and Electrical Major Maintenance – TC365790, Alaskan Way Main Corridor – TC367330, Elliott Bay Seawall – TC367320, 23rd Avenue Corridor Improvements – TC367420, and Bridge Rehabilitation and Replacement – TC366850.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	18,669	1,311	812	814	815	815	813	815	24,864
Real Estate Excise Tax I	0	1,000	1,900	0	0	0	0	0	2,900
2006 LTGO Bond	610	0	0	0	0	0	0	0	610
<b>Total:</b>	19,279	2,311	2,712	814	815	815	813	815	28,374

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	18,669	1,311	812	814	815	815	813	815	24,864
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	1,000	1,900	0	0	0	0	0	2,900
2006 LTGO Capital Projects Fund	610	0	0	0	0	0	0	0	610
<b>Total:</b>	19,279	2,311	2,712	814	815	815	813	815	28,374

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	18,669	1,311	812	814	815	815	813	815	24,864

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	1,000	1,900	0	0	0	0	0	2,900
2006 LTGO Capital Projects Fund	610	0	0	0	0	0	0	0	610
<b>Total:</b>	19,279	2,311	2,712	814	815	815	813	815	28,374
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Freight Spot Improvement Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC365850
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	127	0	0	0	0	0	0	0	127
Street Vacations - SVF	139	103	0	0	0	0	0	0	243
Federal Grant Funds	0	0	0	600	0	0	0	0	600
State Gas Taxes - Arterial City Street Fund	1,404	74	0	0	0	0	0	0	1,478
State Grant Funds	0	783	0	0	0	0	0	0	783
Rubble Yard Proceeds	892	0	0	0	0	0	0	0	892
Transportation Move Seattle Levy - Lid Lift	1,246	1,754	1,500	1,500	1,500	1,500	1,500	1,500	12,000
<b>Total:</b>	<b>3,809</b>	<b>2,714</b>	<b>1,500</b>	<b>2,100</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>16,122</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	127	0	0	0	0	0	0	0	127
Cumulative Reserve Subfund - Street Vacation Subaccount	139	103	0	0	0	0	0	0	243
Transportation Operating Fund	3,542	2,610	1,500	2,100	1,500	1,500	1,500	1,500	15,753
<b>Total:</b>	<b>3,809</b>	<b>2,714</b>	<b>1,500</b>	<b>2,100</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>16,122</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	127	0	0	0	0	0	0	0	127
Cumulative Reserve Subfund - Street Vacation Subaccount	139	103	0	0	0	0	0	0	243
Transportation Operating Fund	3,542	2,610	1,500	2,100	1,500	1,500	1,500	1,500	15,753
<b>Total:</b>	<b>3,809</b>	<b>2,714</b>	<b>1,500</b>	<b>2,100</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>1,500</b>	<b>16,122</b>

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program



## Seattle Department of Transportation

**Hazard Mitigation Program - Areaways**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC365480
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	4,534	1,484	331	332	333	334	343	343	8,033
Federal Grant Funds	442	1,500	0	0	0	0	0	0	1,942
City Light Fund Revenues	19	0	0	0	0	0	0	0	19
State Gas Taxes - Arterial City Street Fund	0	96	32	40	48	56	57	59	388
General Subfund Revenues	240	0	0	0	0	0	0	0	240
Private Funding/Donations	10	0	0	0	0	0	0	0	10
State Grant Funds	74	0	0	0	0	0	0	0	74
<b>Total:</b>	<b>5,318</b>	<b>3,080</b>	<b>363</b>	<b>372</b>	<b>381</b>	<b>390</b>	<b>400</b>	<b>401</b>	<b>10,706</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,534	1,484	331	332	333	334	343	343	8,033
Transportation Operating Fund	784	1,596	32	40	48	56	57	59	2,673
<b>Total:</b>	<b>5,318</b>	<b>3,080</b>	<b>363</b>	<b>372</b>	<b>381</b>	<b>390</b>	<b>400</b>	<b>401</b>	<b>10,706</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,534	1,484	331	332	333	334	343	343	8,033
Transportation Operating Fund	784	1,596	32	40	48	56	57	59	2,673
<b>Total:</b>	5,318	3,080	363	372	381	390	400	401	10,706
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Hazard Mitigation Program - Landslide Mitigation Projects**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC365510
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	5,023	1,961	1,200	200	200	200	200	200	9,184
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 - Arterial City Street Fund	1,083	440	240	253	266	273	278	286	3,119
General Subfund Revenues	1	0	0	0	0	0	0	0	1
Private Funding/Donations	22	0	0	0	0	0	0	0	22
User Fees	300	925	0	0	0	0	0	0	1,225
<b>Total:</b>	<b>8,174</b>	<b>3,326</b>	<b>1,440</b>	<b>453</b>	<b>466</b>	<b>473</b>	<b>478</b>	<b>486</b>	<b>15,296</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	5,023	1,961	1,200	200	200	200	200	200	9,184
Emergency Subfund	395	0	0	0	0	0	0	0	395
Transportation Operating Fund	2,756	1,365	240	253	266	273	278	286	5,717
<b>Total:</b>	<b>8,174</b>	<b>3,326</b>	<b>1,440</b>	<b>453</b>	<b>466</b>	<b>473</b>	<b>478</b>	<b>486</b>	<b>15,296</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	5,023	1,961	1,200	200	200	200	200	200	9,184
Emergency Subfund	395	0	0	0	0	0	0	0	395
Transportation Operating Fund	2,756	1,365	240	253	266	273	278	286	5,717
<b>Total:</b>	<b>8,174</b>	<b>3,326</b>	<b>1,440</b>	<b>453</b>	<b>466</b>	<b>473</b>	<b>478</b>	<b>486</b>	<b>15,296</b>
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Miscellaneous, Unforeseen, and Emergencies**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC320030
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	388	0	0	0	0	0	0	0	388
Street Vacations - SVF	1,128	0	0	0	0	0	0	0	1,128
Federal Grant Funds	73	0	0	0	0	0	0	0	73
Transportation Funding Package - Parking Tax	18	0	0	0	0	0	0	0	18
Transportation Funding Package - Lid Lift	34	0	0	0	0	0	0	0	34
State Gas Taxes - Arterial City Street Fund	339	0	0	0	0	0	0	0	339
General Subfund Revenues	305	0	0	0	0	0	0	0	305
Private Funding/Donations	224	0	0	0	0	0	0	0	224
<b>Total:</b>	2,509	0	0	0	0	0	0	0	2,509

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	388	0	0	0	0	0	0	0	388
Cumulative Reserve Subfund - Street Vacation Subaccount	1,128	0	0	0	0	0	0	0	1,128
Transportation Operating Fund	993	0	0	0	0	0	0	0	993
<b>Total:</b>	2,509	0	0	0	0	0	0	0	2,509

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	388	0	0	0	0	0	0	0	388
Cumulative Reserve Subfund - Street Vacation Subaccount	1,128	0	0	0	0	0	0	0	1,128
Transportation Operating Fund	993	0	0	0	0	0	0	0	993
<b>Total:</b>	2,509	0	0	0	0	0	0	0	2,509

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

Neighborhood Large Projects

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367250
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	437	93	0	0	0	0	0	0	530
Federal Grant Funds	247	33	0	0	0	0	0	0	279
Transportation Funding Package - Parking Tax	0	81	0	0	0	0	0	0	81
Transportation Funding Package - Lid Lift	5,752	55	0	0	0	0	0	0	5,808
King County Funds	22	0	0	0	0	0	0	0	22
Private Funding/Donations	60	0	0	0	0	0	0	0	60
Transportation Move Seattle Levy - Lid Lift	719	2,358	4,602	670	3,100	5,515	320	3,300	20,584
<b>Total:</b>	<b>7,237</b>	<b>2,620</b>	<b>4,602</b>	<b>670</b>	<b>3,100</b>	<b>5,515</b>	<b>320</b>	<b>3,300</b>	<b>27,363</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	437	93	0	0	0	0	0	0	530
Transportation Operating Fund	6,799	2,527	4,602	670	3,100	5,515	320	3,300	26,833
<b>Total:</b>	<b>7,237</b>	<b>2,620</b>	<b>4,602</b>	<b>670</b>	<b>3,100</b>	<b>5,515</b>	<b>320</b>	<b>3,300</b>	<b>27,363</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	437	33	14	46	0	0	0	0	530
Transportation Operating Fund	6,799	2,446	3,852	1,501	3,100	5,515	320	3,300	26,833
<b>Total:</b>	<b>7,237</b>	<b>2,479</b>	<b>3,866</b>	<b>1,547</b>	<b>3,100</b>	<b>5,515</b>	<b>320</b>	<b>3,300</b>	<b>27,363</b>
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 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>	TC365770
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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 curb bulbs or other traffic calming devices, and improvements to crosswalks. 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	15,451	2,275	1,910	0	0	0	0	0	19,636
Real Estate Excise Tax I	257	0	0	0	0	0	0	0	257
Street Vacations - SVF	0	46	0	0	0	0	0	0	46
Vehicle Licensing Fees	100	0	0	0	0	0	0	0	100
Federal Grant Funds	661	0	0	0	0	0	0	0	661
Transportation Funding Package - Parking Tax	1,008	0	0	0	0	0	0	0	1,008
Transportation Funding Package - Lid Lift	9,206	99	0	0	0	0	0	0	9,305
State Gas Taxes - Arterial City Street Fund	2,430	370	312	321	331	340	349	359	4,813
General Subfund Revenues	2,179	109	0	0	0	0	0	0	2,288
State Grant Funds	134	0	0	0	0	0	0	0	134
<b>Total:</b>	<b>31,425</b>	<b>2,900</b>	<b>2,222</b>	<b>321</b>	<b>331</b>	<b>340</b>	<b>349</b>	<b>359</b>	<b>38,247</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	15,451	2,275	1,910	0	0	0	0	0	19,636
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	257	0	0	0	0	0	0	0	257
Cumulative Reserve Subfund - Street Vacation Subaccount	0	46	0	0	0	0	0	0	46
Transportation Operating Fund	15,717	579	312	321	331	340	349	359	18,308
<b>Total:</b>	31,425	2,900	2,222	321	331	340	349	359	38,247
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	15,451	1,778	2,407	0	0	0	0	0	19,636
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	257	0	0	0	0	0	0	0	257
Cumulative Reserve Subfund - Street Vacation Subaccount	0	46	0	0	0	0	0	0	46
Transportation Operating Fund	15,717	579	312	321	331	340	349	359	18,308
<b>Total:</b>	31,425	2,402	2,719	321	331	340	349	359	38,247
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Neighborhood Traffic Control Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC323250
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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 devices citywide, primarily neighborhood traffic circles, in response to investigations of citizen requests. The program also installs some mid-block traffic calming devices such as speed humps, as well as residential street speed limit signs and warning signs.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	501	500	0	0	0	0	0	0	1,001
Property Sales and Interest Earnings	253	0	0	0	0	0	0	0	253
Vehicle Licensing Fees	1,553	473	298	305	313	321	329	337	3,929
Federal Grant Funds	37	0	0	0	0	0	0	0	37
State Gas Taxes - Arterial City Street Fund	4,386	0	0	0	0	0	0	0	4,386
General Subfund Revenues	384	0	0	0	0	0	0	0	384
Rubble Yard Proceeds	579	27	0	0	0	0	0	0	606
<b>Total:</b>	7,693	1,000	298	305	313	321	329	337	10,596

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	501	500	0	0	0	0	0	0	1,001
Cumulative Reserve Subfund - Unrestricted Subaccount	253	0	0	0	0	0	0	0	253
Transportation Operating Fund	6,939	500	298	305	313	321	329	337	9,342
<b>Total:</b>	7,693	1,000	298	305	313	321	329	337	10,596

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	501	500	0	0	0	0	0	0	1,001
Cumulative Reserve Subfund - Unrestricted Subaccount	253	0	0	0	0	0	0	0	253
Transportation Operating Fund	6,939	500	298	305	313	321	329	337	9,342
<b>Total:</b>	7,693	1,000	298	305	313	321	329	337	10,596
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

New Traffic Signals

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367700
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Transportation Funding Package - Parking Tax	253	945	242	247	251	254	254	254	2,698
Transportation Move Seattle Levy - Lid Lift	392	267	285	293	301	310	317	327	2,492
<b>Total:</b>	645	1,211	527	540	552	563	571	581	5,190

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	645	1,211	527	540	552	563	571	581	5,190
<b>Total:</b>	645	1,211	527	540	552	563	571	581	5,190

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	645	691	1,047	540	552	563	571	581	5,190
<b>Total:</b>	645	691	1,047	540	552	563	571	581	5,190

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Next Generation Intelligent Transportation Systems (ITS)**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367430
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Investment	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	3,264	1,286	0	0	0	0	0	0	4,550
Street Vacations - SVF	304	126	0	0	0	0	0	0	430
Transportation Funding Package - Parking Tax	605	595	0	0	0	0	0	0	1,200
Transportation Funding Package - Lid Lift	2,239	741	0	0	0	0	0	0	2,980
State Gas Taxes - Arterial City Street Fund	0	100	200	0	0	0	0	0	300
General Subfund Revenues	0	500	0	0	0	0	0	0	500
User Fees	430	915	0	0	0	0	0	0	1,344
Transportation Move Seattle Levy - Lid Lift	1,886	2,314	2,200	2,600	2,600	2,600	2,600	0	16,800
Multimodal Funds	0	0	400	0	0	0	0	0	400
<b>Total:</b>	<b>8,728</b>	<b>6,576</b>	<b>2,800</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>0</b>	<b>28,504</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,264	1,286	0	0	0	0	0	0	4,550
Cumulative Reserve Subfund - Unrestricted Subaccount	304	126	0	0	0	0	0	0	430
Transportation Operating Fund	5,160	5,164	2,800	2,600	2,600	2,600	2,600	0	23,524
<b>Total:</b>	<b>8,728</b>	<b>6,576</b>	<b>2,800</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>0</b>	<b>28,504</b>
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,264	1,286	0	0	0	0	0	0	4,550
Cumulative Reserve Subfund - Unrestricted Subaccount	304	126	0	0	0	0	0	0	430
Transportation Operating Fund	5,160	2,964	5,000	2,600	2,600	2,600	2,600	0	23,524
<b>Total:</b>	<b>8,728</b>	<b>4,376</b>	<b>5,000</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>2,600</b>	<b>0</b>	<b>28,504</b>
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Non-Arterial Street Resurfacing and Restoration**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367710
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	558	434	1,150	1,150	1,150	1,150	1,150	1,150	7,892
Real Estate Excise Tax I	0	274	0	0	0	0	0	0	274
Street Vacations -CRSU	307	193	0	0	0	0	0	0	500
Vehicle Licensing Fees	100	50	150	155	159	164	169	174	1,121
State Gas Taxes - Arterial City Street Fund	342	171	433	466	488	492	507	522	3,421
<b>Total:</b>	1,306	1,122	1,733	1,771	1,797	1,806	1,826	1,846	13,207

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	558	434	1,150	1,150	1,150	1,150	1,150	1,150	7,892
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	274	0	0	0	0	0	0	274
Cumulative Reserve Subfund - Unrestricted Subaccount	307	193	0	0	0	0	0	0	500
Transportation Operating Fund	441	221	583	621	647	656	676	696	4,542
<b>Total:</b>	1,306	1,122	1,733	1,771	1,797	1,806	1,826	1,846	13,207

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

**2018 - 2023 Proposed Capital Improvement Program**



	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	558	434	1,150	1,150	1,150	1,150	1,150	1,150	7,892
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	274	0	0	0	0	0	0	274
Cumulative Reserve Subfund - Unrestricted Subaccount	307	193	0	0	0	0	0	0	500
Transportation Operating Fund	441	221	583	621	647	656	676	696	4,542
<b>Total:</b>	1,306	1,122	1,733	1,771	1,797	1,806	1,826	1,846	13,207
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

Pavement Microsurfacing

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367610
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	1,549	751	0	0	0	0	0	0	2,300
Transportation Funding Package - Parking Tax	2,500	0	0	0	0	0	0	0	2,500
General Subfund Revenues	1,018	1,191	0	0	0	0	0	0	2,209
<b>Total:</b>	5,067	1,941	0	0	0	0	0	0	7,009

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,549	751	0	0	0	0	0	0	2,300
Transportation Operating Fund	3,518	1,191	0	0	0	0	0	0	4,709
<b>Total:</b>	5,067	1,941	0	0	0	0	0	0	7,009

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,549	751	0	0	0	0	0	0	2,300
Transportation Operating Fund	3,518	691	500	0	0	0	0	0	4,709
<b>Total:</b>	5,067	1,441	500	0	0	0	0	0	7,009

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

## 2018 - 2023 Proposed Capital Improvement Program

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

**Pedestrian Master Plan - Crossing Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367150
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	9,786	240	0	0	0	0	0	0	10,026
Real Estate Excise Tax I	580	1,931	0	0	0	0	0	0	2,511
Vehicle Licensing Fees	1,066	1,380	50	40	50	50	0	0	2,636
Federal Grant Funds	98	205	0	0	0	0	0	0	303
Transportation Funding Package - Parking Tax	6,246	1,159	1,500	1,550	1,450	1,450	1,400	1,400	16,155
Transportation Funding Package - Business Transportation Tax	475	0	0	0	0	0	0	0	475
Transportation Funding Package - Lid Lift	16,486	9	0	0	0	0	0	0	16,495
State Gas Taxes - Arterial City Street Fund	4,873	493	0	0	0	0	0	0	5,367
General Subfund Revenues	657	53	0	0	0	0	0	0	710
State Grant Funds	890	0	0	0	0	0	0	0	890
User Fees	0	500	0	0	0	0	0	0	500
Rubble Yard Proceeds	573	0	0	0	0	0	0	0	573
Transportation Move Seattle Levy - Lid Lift	816	2,683	1,100	1,100	1,200	1,200	1,300	1,300	10,699
2011 Multipurpose LTGO bond Fund	1,191	0	0	0	0	0	0	0	1,191
<b>Total:</b>	<b>43,737</b>	<b>8,653</b>	<b>2,650</b>	<b>2,690</b>	<b>2,700</b>	<b>2,700</b>	<b>2,700</b>	<b>2,700</b>	<b>68,531</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	9,786	240	0	0	0	0	0	0	10,026
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	580	1,931	0	0	0	0	0	0	2,511
Transportation Operating Fund	32,181	6,482	2,650	2,690	2,700	2,700	2,700	2,700	54,802
2011 Multipurpose LTGO Bond Fund	1,191	0	0	0	0	0	0	0	1,191
<b>Total:</b>	43,737	8,653	2,650	2,690	2,700	2,700	2,700	2,700	68,531
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	9,786	240	0	0	0	0	0	0	10,026
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	580	1,931	0	0	0	0	0	0	2,511
Transportation Operating Fund	32,181	6,482	2,650	2,690	2,700	2,700	2,700	2,700	54,803
2011 Multipurpose LTGO Bond Fund	1,191	0	0	0	0	0	0	0	1,191
<b>Total:</b>	43,737	8,653	2,650	2,690	2,700	2,700	2,700	2,700	68,530
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Pedestrian Master Plan - New Sidewalks**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367600
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	1,959	2,134	0	0	0	0	0	0	4,093
Vehicle Licensing Fees	0	1,223	0	0	0	0	0	0	1,223
Transportation Funding Package - Parking Tax	0	2,176	0	0	0	0	0	0	2,176
General Subfund Revenues	9	1,991	0	0	0	0	0	0	2,000
State Grant Funds	0	1,800	0	0	0	0	0	0	1,800
Transportation Move Seattle Levy - Lid Lift	1,185	13,627	4,000	4,000	3,000	3,000	3,000	4,000	35,812
School Camera Ticket Revenues	2,691	8,385	1,275	762	681	631	631	631	15,687
20% Red Light Camera Revenue	2,062	739	425	400	400	400	400	400	5,227
<b>Total:</b>	<b>7,907</b>	<b>32,075</b>	<b>5,700</b>	<b>5,162</b>	<b>4,081</b>	<b>4,031</b>	<b>4,031</b>	<b>5,031</b>	<b>68,018</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,959	2,134	0	0	0	0	0	0	4,093
Transportation Operating Fund	1,194	20,816	4,000	4,000	3,000	3,000	3,000	4,000	43,011
School Safety Traffic and Pedestrian Improvement Fund	4,754	9,124	1,700	1,162	1,081	1,031	1,031	1,031	20,914
<b>Total:</b>	<b>7,907</b>	<b>32,075</b>	<b>5,700</b>	<b>5,162</b>	<b>4,081</b>	<b>4,031</b>	<b>4,031</b>	<b>5,031</b>	<b>68,018</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,959	781	1,353	0	0	0	0	0	4,093
Transportation Operating Fund	1,194	12,559	6,061	9,481	3,000	3,000	3,000	4,715	43,010
School Safety Traffic and Pedestrian Improvement Fund	4,754	4,993	5,832	1,162	1,081	1,031	1,031	1,031	20,914
<b>Total:</b>	7,907	18,333	13,246	10,643	4,081	4,031	4,031	5,746	68,018
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Pedestrian Master Plan - School Safety**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367170
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	4,888	318	0	0	0	0	0	0	5,206
Federal Grant Funds	1,622	2,191	0	0	0	0	0	0	3,813
Transportation Funding Package - Parking Tax	0	1,300	0	0	0	0	0	0	1,300
Transportation Funding Package - Lid Lift	3,686	0	0	0	0	0	0	0	3,686
General Subfund Revenues	320	0	0	0	0	0	0	0	320
State Grant Funds	281	0	0	0	0	0	0	0	281
Transportation Move Seattle Levy - Lid Lift	1,211	1,189	800	800	800	800	800	800	7,200
School Camera Ticket Revenues	2,943	3,310	1,692	2,034	1,084	1,134	1,134	1,134	14,465
20% Red Light Camera Revenue	2,449	425	400	300	300	300	300	300	4,774
<b>Total:</b>	17,400	8,732	2,892	3,134	2,184	2,234	2,234	2,234	41,045

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

**2018 - 2023 Proposed Capital Improvement Program**



## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,888	318	0	0	0	0	0	0	5,206
Transportation Operating Fund	7,120	4,680	800	800	800	800	800	800	16,599
School Safety Traffic and Pedestrian Improvement Fund	5,392	3,735	2,092	2,334	1,384	1,434	1,434	1,434	19,239
<b>Total:</b>	17,400	8,732	2,892	3,134	2,184	2,234	2,234	2,234	41,045
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,888	318	0	0	0	0	0	0	5,206
Transportation Operating Fund	7,120	5,091	800	800	800	800	800	800	17,011
School Safety Traffic and Pedestrian Improvement Fund	5,392	3,735	2,092	2,334	1,384	1,434	1,434	1,434	19,239
<b>Total:</b>	17,400	9,144	2,892	3,134	2,184	2,234	2,234	2,234	41,456
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Pedestrian Master Plan - Stairway Rehabilitation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367930
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	0	49	49	49	49	49	49	294
Vehicle Licensing Fees	0	0	730	750	788	787	807	827	4,689
State Gas Taxes - Arterial City Street Fund	0	0	1	0	0	0	0	0	1
General Subfund Revenues	0	0	54	56	57	59	61	62	350
Transportation Move Seattle Levy - Lid Lift	0	0	498	504	514	524	535	546	3,121
<b>Total:</b>	0	0	1,332	1,359	1,409	1,419	1,452	1,484	8,455

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	49	49	49	49	49	49	294
Transportation Operating Fund	0	0	1,283	1,310	1,360	1,370	1,403	1,435	8,161
<b>Total:</b>	0	0	1,332	1,359	1,409	1,419	1,452	1,484	8,455

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	49	49	49	49	49	49	294
Transportation Operating Fund	0	0	1,283	1,310	1,360	1,370	1,403	1,435	8,161
<b>Total:</b>	0	0	1,332	1,359	1,409	1,419	1,452	1,484	8,455
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Retaining Wall Repair and Restoration**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC365890
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	2,934	490	212	212	212	212	212	212	4,696
Real Estate Excise Tax I	286	0	0	0	0	0	0	0	286
Transportation Funding Package - Parking Tax	521	179	0	0	0	0	0	0	700
State Gas Taxes - Arterial City Street Fund	479	0	0	0	0	0	0	0	479
General Subfund Revenues	696	100	0	0	0	0	0	0	796
Transportation Bond Funds	130	0	0	0	0	0	0	0	130
Parking Garage Disposition Proceeds	1,477	23	0	0	0	0	0	0	1,500
<b>Total:</b>	6,524	792	212	212	212	212	212	212	8,588

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,934	490	212	212	212	212	212	212	4,696
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	286	0	0	0	0	0	0	0	286
Transportation Operating Fund	1,696	279	0	0	0	0	0	0	1,975
Transportation Bond Fund	130	0	0	0	0	0	0	0	130
Parking Garage Disposition Proceeds Fund	1,477	23	0	0	0	0	0	0	1,500
<b>Total:</b>	6,524	792	212	212	212	212	212	212	8,588

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,934	401	301	212	212	212	212	212	4,696
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	286	0	0	0	0	0	0	0	286
Transportation Operating Fund	1,696	133	146	0	0	0	0	0	1,975
Transportation Bond Fund	130	0	0	0	0	0	0	0	130
Parking Garage Disposition Proceeds Fund	1,477	23	0	0	0	0	0	0	1,500
<b>Total:</b>	<b>6,524</b>	<b>557</b>	<b>447</b>	<b>212</b>	<b>212</b>	<b>212</b>	<b>212</b>	<b>212</b>	<b>8,588</b>
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

SDOT ADA Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC368040
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Vehicle Licensing Fees	0	0	600	629	619	660	731	753	3,992
Transportation Move Seattle Levy - Lid Lift	0	0	3,350	3,350	3,350	3,350	3,350	3,350	20,100
Multimodal Funds	0	0	350	351	371	371	321	321	2,085
<b>Total:</b>	0	0	4,300	4,330	4,340	4,381	4,402	4,424	26,177

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	0	0	4,300	4,330	4,340	4,381	4,402	4,424	26,177
<b>Total:</b>	0	0	4,300	4,330	4,340	4,381	4,402	4,424	26,177

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	0	0	4,300	4,330	4,340	4,381	4,402	4,424	26,177
<b>Total:</b>	0	0	4,300	4,330	4,340	4,381	4,402	4,424	26,177

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

Sidewalk Safety Repair

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC365120
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	3,475	0	2,000	0	0	0	0	0	5,475
Real Estate Excise Tax I	247	0	0	0	0	0	0	0	247
Vehicle Licensing Fees	70	0	0	0	0	0	0	0	70
Transportation Funding Package - Lid Lift	14,434	0	0	0	0	0	0	0	14,434
State Gas Taxes - Arterial City Street Fund	270	15	0	0	0	0	0	0	285
General Subfund Revenues	3	0	0	0	0	0	0	0	3
Private Funding/Donations	27	0	0	0	0	0	0	0	27
Transportation Move Seattle Levy - Lid Lift	1,488	1,542	1,561	1,592	1,624	1,656	1,689	1,723	12,874
<b>Total:</b>	20,014	1,557	3,561	1,592	1,624	1,656	1,689	1,723	33,415

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,475	0	2,000	0	0	0	0	0	5,475
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	247	0	0	0	0	0	0	0	247
Transportation Operating Fund	16,292	1,557	1,561	1,592	1,624	1,656	1,689	1,723	27,693
<b>Total:</b>	20,014	1,557	3,561	1,592	1,624	1,656	1,689	1,723	33,415

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,475	0	2,000	0	0	0	0	0	5,475
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	247	0	0	0	0	0	0	0	247
Transportation Operating Fund	16,292	1,557	1,561	1,592	1,624	1,656	1,689	1,723	27,693
<b>Total:</b>	20,014	1,557	3,561	1,592	1,624	1,656	1,689	1,723	33,415
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program



## Seattle Department of Transportation

**Signal Major Maintenance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367580
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	1,013	0	0	0	0	0	0	0	1,013
Transportation Funding Package - Parking Tax	456	708	559	558	582	600	614	629	4,706
Transportation Move Seattle Levy - Lid Lift	825	960	967	994	1,012	1,030	1,048	1,070	7,905
<b>Total:</b>	2,294	1,668	1,526	1,553	1,594	1,630	1,662	1,698	13,624

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,013	0	0	0	0	0	0	0	1,013
Transportation Operating Fund	1,281	1,668	1,526	1,553	1,594	1,630	1,662	1,698	12,611
<b>Total:</b>	2,294	1,668	1,526	1,553	1,594	1,630	1,662	1,698	13,624

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,013	0	0	0	0	0	0	0	1,013

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	1,281	1,668	1,526	1,553	1,594	1,630	1,662	1,698	12,611
<b>Total:</b>	2,294	1,668	1,526	1,553	1,594	1,630	1,662	1,698	13,624
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

Street Lighting Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC366900
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19001
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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 2018, funds are budgeted under the individual transportation projects in which the spending will occur. For 2019 through 2023, 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	1,840	1,350	1,350	1,350	1,350	7,240
<b>Total:</b>	0	0	0	1,840	1,350	1,350	1,350	1,350	7,240

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	0	0	0	1,840	1,350	1,350	1,350	1,350	7,240
<b>Total:</b>	0	0	0	1,840	1,350	1,350	1,350	1,350	7,240

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	0	0	0	1,840	1,350	1,350	1,350	1,350	7,240
<b>Total:</b>	0	0	0	1,840	1,350	1,350	1,350	1,350	7,240

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Transit Corridor Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC366860
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Vehicle Licensing Fees	3,350	900	1,400	923	946	970	994	1,019	10,502
Federal Grant Funds	3,546	55	0	0	0	0	0	0	3,601
Transportation Funding Package - Parking Tax	1,487	115	0	0	0	0	0	0	1,602
Transportation Funding Package - Lid Lift	18,734	0	0	0	0	0	0	0	18,734
City Light Fund Revenues	7	0	0	0	0	0	0	0	7
King County Funds	973	130	300	0	0	0	0	0	1,403
State Grant Funds	8,037	0	0	0	0	0	0	0	8,037
Transportation Move Seattle Levy - Lid Lift	2,016	2,910	2,373	2,900	2,900	2,900	2,900	2,900	21,799
2016 Multipurpose LTGO Bond Proceeds	973	0	0	0	0	0	0	0	973
<b>Total:</b>	<b>39,123</b>	<b>4,111</b>	<b>4,073</b>	<b>3,823</b>	<b>3,846</b>	<b>3,870</b>	<b>3,894</b>	<b>3,919</b>	<b>66,659</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Transportation Operating Fund	38,150	4,111	4,073	3,823	3,846	3,870	3,894	3,919	65,686
2016 Multipurpose LTGO Bond Fund	973	0	0	0	0	0	0	0	973
<b>Total:</b>	<b>39,123</b>	<b>4,111</b>	<b>4,073</b>	<b>3,823</b>	<b>3,846</b>	<b>3,870</b>	<b>3,894</b>	<b>3,919</b>	<b>66,659</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Transportation Operating Fund	38,150	4,111	4,073	3,823	3,846	3,870	3,894	3,919	65,686
2016 Multipurpose LTGO Bond Fund	973	0	0	0	0	0	0	0	973
<b>Total:</b>	39,123	4,111	4,073	3,823	3,846	3,870	3,894	3,919	66,659
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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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### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

**Urban Forestry Capital Establishment**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367720
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	New Investment	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	0	10	0	0	0	0	0	0	10
Street Vacations -CRSU	0	131	0	0	0	0	0	0	131
Street Vacations - SVF	0	18	0	0	0	0	0	0	18
State Gas Taxes - Arterial City Street Fund	0	18	0	0	0	0	0	0	18
General Subfund Revenues	0	150	0	0	0	0	0	0	150
2008 Multipurpose LTGO Bond Fund	0	14	0	0	0	0	0	0	14
2011 Multipurpose LTGO bond Fund	0	9	0	0	0	0	0	0	9
<b>Total:</b>	0	350	0	0	0	0	0	0	350

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**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	10	0	0	0	0	0	0	10
Cumulative Reserve Subfund - Unrestricted Subaccount	0	131	0	0	0	0	0	0	131
Cumulative Reserve Subfund - Street Vacation Subaccount	0	18	0	0	0	0	0	0	18
Transportation Operating Fund	0	168	0	0	0	0	0	0	168
2008 Parks Levy Fund	0	14	0	0	0	0	0	0	14
2011 Multipurpose LTGO Bond Fund	0	9	0	0	0	0	0	0	9
<b>Total:</b>	0	350	0	0	0	0	0	0	350

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	5	5	0	0	0	0	0	10
Cumulative Reserve Subfund - Unrestricted Subaccount	0	66	66	0	0	0	0	0	131
Cumulative Reserve Subfund - Street Vacation Subaccount	0	9	9	0	0	0	0	0	18
Transportation Operating Fund	0	84	84	0	0	0	0	0	168
2008 Parks Levy Fund	0	7	7	0	0	0	0	0	14
2011 Multipurpose LTGO Bond Fund	0	5	5	0	0	0	0	0	9
<b>Total:</b>	0	175	175	0	0	0	0	0	350

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

Vision Zero

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	TC367520
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	19003
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax II	200	62	0	0	0	0	0	0	262
Real Estate Excise Tax I	0	1,000	0	0	0	0	0	0	1,000
Federal Grant Funds	398	816	0	0	0	0	0	0	1,214
Transportation Funding Package - Parking Tax	1,015	336	0	0	0	0	0	0	1,350
Transportation Funding Package - Lid Lift	62	0	0	0	0	0	0	0	62
State Gas Taxes - Arterial City Street Fund	0	20	0	0	0	0	0	0	20
General Subfund Revenues	548	0	0	0	0	0	0	0	548
Transportation Move Seattle Levy - Lid Lift	1,355	3,431	2,306	1,592	2,878	2,535	2,600	3,224	19,921
<b>Total:</b>	<b>3,577</b>	<b>5,664</b>	<b>2,306</b>	<b>1,592</b>	<b>2,878</b>	<b>2,535</b>	<b>2,600</b>	<b>3,224</b>	<b>24,377</b>

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**2018 - 2023 Proposed Capital Improvement Program**



## Seattle Department of Transportation

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	200	62	0	0	0	0	0	0	262
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	1,000	0	0	0	0	0	0	1,000
Transportation Operating Fund	3,377	4,602	2,306	1,592	2,878	2,535	2,600	3,224	23,114
<b>Total:</b>	<b>3,577</b>	<b>5,664</b>	<b>2,306</b>	<b>1,592</b>	<b>2,878</b>	<b>2,535</b>	<b>2,600</b>	<b>3,224</b>	<b>24,377</b>
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	200	62	0	0	0	0	0	0	262
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	1,000	0	0	0	0	0	0	1,000
Transportation Operating Fund	3,377	1,859	3,287	3,230	3,002	2,535	2,600	3,224	23,114
<b>Total:</b>	<b>3,577</b>	<b>2,921</b>	<b>3,287</b>	<b>3,230</b>	<b>3,002</b>	<b>2,535</b>	<b>2,600</b>	<b>3,224</b>	<b>24,377</b>
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program



# Seattle City Light



## Overview

City Light 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 776,000 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 16 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 430,000 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 2017-2022 Strategic Plan update for City Light established spending priorities and a six-year rate path for the utility. The updated Strategic Plan guides development of City Light's 2018-2023 Proposed CIP budget.

## 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).

## CIP Highlights

The 2018-2023 Proposed CIP budget outlines \$2.3 billion in capital spending over six years for power supply, transmission, distribution, customer services, and central utility needs. In 2018, approximately \$44.6 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. A more expansive look at CIP highlights scheduled for 2018-2023 is provided below.

## 2018-2023 Proposed Capital Improvement Program

## CIP Expenditure by Major Program

The 2018-2023 Proposed CIP summarizes spending in five broad programs: Power Supply, Transmission, Distribution, External Projects and Central Utility Projects. The table below displays the projects and associated spending included in each of these programs for the 2018-2023 Proposed CIP. The dollar amounts shown in this document reflect the projects' total costs to be capitalized, and include both direct costs and associated overhead costs.

### 2018-2023 Proposed CIP Summary of CIP Project Allocations (in \$1,000s)

	2018	2019	2020	2021	2022	2023	Total
<b>Power Supply</b>	<b>90,331</b>	<b>83,287</b>	<b>91,453</b>	<b>88,817</b>	<b>98,662</b>	<b>52,557</b>	<b>505,107</b>
Boundary	51,511	46,529	54,724	50,347	45,832	28,964	277,907
Cedar Falls - Tolt	2,736	4,520	5,130	6,490	3,217	0	22,093
Power Supply Other	13,021	6,718	4,323	2,408	2,462	1,219	30,151
Skagit	23,063	25,520	27,276	29,572	47,151	22,374	174,956
<b>Transmission</b>	<b>18,194</b>	<b>11,461</b>	<b>10,246</b>	<b>46,115</b>	<b>4,293</b>	<b>6,010</b>	<b>96,319</b>
<b>Distribution</b>	<b>209,101</b>	<b>192,005</b>	<b>184,534</b>	<b>211,701</b>	<b>219,493</b>	<b>210,095</b>	<b>1,226,929</b>
Distribution Other	11,532	28,516	20,149	24,441	20,793	15,200	120,631
Network	21,815	22,038	30,887	41,942	38,648	39,332	194,662
Radial	68,948	67,366	66,028	71,310	77,887	75,399	426,938
Service Connections	72,525	45,680	40,617	46,255	54,044	53,746	312,867
Substations	34,281	28,405	26,853	27,753	28,121	26,418	171,831
<b>External Projects</b>	<b>44,600</b>	<b>46,666</b>	<b>48,243</b>	<b>32,403</b>	<b>33,865</b>	<b>20,877</b>	<b>226,654</b>
Customer Other	441	1,400	430	156	15	15	2,457
Local Jurisdictions	16,638	17,568	24,621	22,453	27,814	17,317	126,411
Transportation Relocations	27,521	27,698	23,192	9,794	6,036	3,545	97,786
<b>Central Utility Projects</b>	<b>26,667</b>	<b>20,994</b>	<b>25,556</b>	<b>86,775</b>	<b>69,946</b>	<b>14,145</b>	<b>244,083</b>
Customer and Billing	503	53	215	110	226	58	1,165
Finance and IT Systems	4,925	2,866	2,957	2,615	2,125	2,389	17,877
Fleets and Facilities	21,239	18,075	22,384	84,050	67,595	11,698	225,041
<b>Grand Total</b>	<b>388,893</b>	<b>354,413</b>	<b>360,032</b>	<b>465,811</b>	<b>426,259</b>	<b>303,684</b>	<b>2,299,092</b>

*A more detailed description and summary of each program follows.*

**Power Supply:** Projects in this program includes 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 2018, the CIP includes \$90.3 million in funding for 72 projects in Power Supply. **Highlights, ordered by project number, include:**

- Boundary Powerhouse – Unit 51 Generator Rebuild (6351): \$11,024,000  
This project funds the rewinding and refurbishing of the Unit 51 generator to extend its useful life. 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.
- Boundary Powerhouse - Unit 54 Generator Rebuild (6353): \$3,034,000  
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.
- Skagit Facility - Minor Improvements Program (6405): \$3,491,000  
This ongoing project provides financial coverage for emergent capital projects related to all Skagit Facilities, which are 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.
- Diablo Powerhouse – Rebuild Generator Unit 32 (6423): \$6,491,000  
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 designed 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.
- Boundary Switchyard – Generator Transformers (6493): \$6,168,000  
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 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 City Light to avoid a prolonged loss of generation capacity.
- Skagit - Boat Facility Improvements (6540): \$2,443,000  
This project will design and construct several new structures to support industrial and recreational boat operations on our Skagit reservoirs. Structures will include a new tour dock, new dry dock, additions to the existing boathouses and a new barge landing in Diablo. The project will provide 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.
- Boundary – Licensing Mitigation (6987): \$25,593,000  
This ongoing project implements protection, mitigation and enhancement measures required by the terms and conditions of a settlement agreement and new license to be issued by the Federal Energy Regulatory Commission. The license allows for the continued operation of the Boundary Hydroelectric project, City Light's largest generating station, producing approximately 25 to 40% of the City's power

supply. The project will protect and enhance habitat for native fish and wildlife; increase the total area of land set aside for recreation in the region; and maintain or improve the water quality of the Pend Oreille River and its tributaries. The majority of the \$25.6 million budget for 2018 will be spent on the following: \$15.8 million for the Native Salmonid Conservation Facility, \$2.1 million for Sullivan Creek habitat restoration, \$1.7 million for recreation site improvements, and \$1.6 million for the Mill Pond Dam removal.

- Western Energy Imbalance Market (9976): \$9,464,000

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 employee 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.

**Transmission:** Projects in this program include transmission capacity and reliability projects to deliver power from City Light's dams to City Light's 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 leases additional transmission capacity to connect to the Boundary, Cedar Falls, and Tolt hydroelectric projects.

For 2018, the CIP budget includes \$18.2 million in funding for six projects in Transmission. **Highlights, ordered by project number, include:**

- Transmission Reliability (7104): \$4,257,000

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.

- Denny Substation Transmission Lines (7125): \$5,016,000

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.

- Transmission Line Inductor Installation (8461): \$7,580,000

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 that curtail the flow of power through the Seattle area, while improving customer and asset strengths and maintaining reliability.

**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 2018, \$12 million in funding is provided to support pole attachment work.

For 2018, the CIP includes \$209.1 million in funding for 67 projects in Distribution. **Highlights, ordered by project number, include:**



- Substation Equipment Improvements (7752): \$6,060,000  
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.
- Relaying Improvements (7753): \$4,614,000  
This ongoing project replaces protective relays, to ensure system reliability by protecting the rest of the 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 that enhances detection and management of equipment problems.
- Denny Substation Development (7757): \$10,849,000  
This project designs and builds a 200 megavolt amperes substation on Denny Avenue. 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. This project coordinates with the Denny Substation Tenant Improvements project and the build out of the Denny network and construction of transmission lines to the new substation.
- Substation Breaker Replacements and Reliability Additions (7779): \$4,836,000  
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, service stress, and fault interrupting history and replaces those circuit breakers with the highest failure risk. This project also replaces transformer bank breakers at Union Street substation to support load growth.
- Massachusetts Street Substation – Networks (8202): \$4,206,000  
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.
- Overhead Equipment Replacements (8351): \$12,384,000  
This ongoing project replaces older equipment in City Light's distribution system that is nearing the end of its usable life, is overloaded, or is of an outdated design and requires replacement due to the lack of spare parts. This project enhances distribution system reliability, avoiding unplanned outages or interruption of service due to equipment failure.
- Underground Equipment Replacements (8353): \$11,452,000  
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 Customer Driven Capacity Additions (8355): \$4,334,000  
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, 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.

- Network Additions and Services: Broad Street Substation (8363): \$7,200,000  
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.
- Medium Overhead and Underground Services (8366): \$14,388,000  
This ongoing project provides medium size electric power service connections from City Light's distribution system to customers' 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 City Light to provide service to new customers in a safe, reliable, timely, and cost-effective manner.
- Small Overhead and Underground Services (8367): \$6,267,000  
This ongoing project provides small size electric power service connections from City Light's distribution system to customers' 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.
- Denny Substation – Network (8404): \$5,896,000  
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 within the Denny Substation network area.
- Advanced Metering Infrastructure (8426): \$31,812,000  
This project replaces approximately 430,000 existing meters, residential or commercial, with Advanced Meters allowing two-way communication between City Light and its customers. Advanced Meters automate meter reading, increase customer service, heighten billing capacity, allow for reduced energy consumption by providing more information on use, improve outage restoration efficiency, and support rate structure flexibility. Implementation of the project positions the utility to comply with NERC and FERC programs and requirements.
- Pole Attachment Requests Preparation Work (8452): \$18,351,000  
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 that are fully 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 2018, the CIP includes \$44.6 million in funding for 17 External Projects. **Highlights, ordered by project number, include:**

- Alaskan Way Viaduct & Seawall Replacement – Utility Relocations (8307): \$15,781,000  
The project provides for the relocation of utility infrastructure in conjunction with the Washington

State Department of Transportation project.

- Overhead and Underground Relocations (8369): \$5,167,000  
This ongoing project relocates Seattle City Light electrical lines as required by transportation projects.
- Transportation Streetlights (8377): \$4,224,000  
This ongoing project relocates City Light owned streetlights as required by City of Seattle Department of Transportation (SDOT) projects.
- Streetlights: Arterial, Residential and Floodlights (8378): \$3,492,000  
This ongoing project provides street lighting as requested by various taxing jurisdictions and other customers. Streetlights and floodlights are provided in the public right of way, and on private property, for either public or private benefit.
- Streetlight LED Conversion Program (8441): \$5,434,000  
This project upgrades streetlights with LED fixtures to reduce annual energy consumption and utility maintenance costs. The utility recovers costs for this project through streetlight rates.
- Streetlight Infrastructure Program (8460): \$3,170,000  
This ongoing project will replace the highest priority streetlights and related underground infrastructure identified in the Streetlight Horizon Plan. Streetlight infrastructure replacements include poles, fixtures, conduits, hand holes, and wiring. Emphasis will be placed on the 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.
- Center City Connector Streetcar (8470): \$4,286,000  
This project provides power relocations & service for the proposed SDOT Center City Connector Streetcar project. The SDOT project is intended to link the existing North Downtown Streetcar with the First Hill Connector Streetcar.
- Sound Transit Lynnwood – City Light (8471): \$1,604,000  
This project supports Sound Transit's Lynnwood Link. It will include 100 blocks of relocations. 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.

**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 2018, the CIP includes \$26.7 million in funding for 28 Central Utility Projects. ***Highlights, ordered by project number, include:***

- Building Envelope Upgrades (9072): \$1,619,000  
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 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 that disrupt utility operations.
- Equipment Fleet Replacement (9101): \$7,639,000  
This ongoing project replaces, updates, and expands City Light's heavy-duty mobile equipment fleet.

This project also funds the gradual replacement of light-duty vehicles owned by City Light, including those previously leased from the Department of Finance & Administrative Services and now owned by City Light.

- Workplace and Process Improvement (9159): \$1,339,000  
This ongoing project funds alterations that preserve workplace efficiency, focusing 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.
- Denny Substation Tenant Improvements (9235): \$1,362,000  
The project will program, design, and construct interior improvements within two building shell spaces within the Denny Substation. The two spaces are a southwest shell space that may house a community center or similar public amenity, and a southeast shell space that may house a learning resource center or similar public amenity.
- PeopleSoft Reimplementation - City Light (9970): \$2,686,000  
The PeopleSoft reimplementation and upgrade is a citywide effort to replace the City's accounting system with an upgraded version of the PeopleSoft software.

### Thematic Priorities

The Updated 2017-2022 City Light Strategic Plan is organized around four key objectives:

- **Improve Customer Experience and Rate Predictability** – Seattle's technology-savvy population expects City Light to efficiently manage the energy system and respond quickly to customer concerns and outages, and to be able to predict and budget their utility costs.
- **Increase Workforce Performance and Safety Practices** – The Strategic Plan gives City Light a path to proactively manage an impending wave of retirements and retain highly skilled workers. City Light encourages staff to focus on safety awareness and strives to continuously improve its employee safety record.
- **Enhance Organizational Performance** – City Light's goal is to be in the top 10% of peer utilities on measures of efficiency and effectiveness. And since 2015, the utility targeted and achieved an annual reduction of \$18 million in its baseline operating costs.
- **Continue Conservation and Environmental Stewardship Leadership** – The Strategic Plan ensures that the utility remains the nation's greenest utility. City Light invests in research and strategic initiatives such as promoting electric vehicles that will help it adapt to the impacts of climate change. The utility is also looking at ways to strengthen its financial resources in environmentally responsible ways such as optimizing its ability to sell excess power on the wholesale energy market.

CIP projects implement these objectives in the following ways:

- **Maintaining existing infrastructure and supporting basic operations** – The majority of CIP projects involve maintaining existing systems and equipment or supporting the ongoing daily operations of the utility. These projects include major maintenance work that extends the life and function of facilities and equipment, scheduled replacements of old and failing equipment, supporting customer connections, and addressing unexpected system outages. Some projects respond to external

conditions, such as relocations due to major transportation projects. The CIP also includes projects for renovating streetlights and underground cables.

- **Upgrading capacity and services to provide new functionality** – CIP Projects also increase the utility’s generation and distribution capacity, and provide new functionality for management and customer service systems. The 2017-2022 CIP continues funding for these capacity-related projects, such as the Customer Information System, the Denny Substation, Automated Metering Infrastructure, and the Energy Management System.
- **Addressing licensing, regulatory and safety requirements** – Federal licenses governing the operation of the utility’s dams require numerous environmental, historic preservation, and recreation mitigation measures. In addition, federal regulation of the transmission grid and energy market transactions requires system upgrades and improvements. The CIP includes projects that improve safety, proactively reduce infrastructure risks, and address transmission grid improvements and regulatory compliance.
- **Maintaining the utility’s information technology systems** – The electric utility industry relies heavily on information technology systems. IT systems help City Light provide real time management and automation of operations; design and digitally record utility systems and assets; regulate power across the regional transmission grid; manage financial transactions on the energy market; and increase business efficiencies throughout the organization. The CIP includes projects that maintain the hardware and software necessary to provide these functions, and implement Strategic Plan initiatives that improve cyber security and disaster recovery.

### Project Selection Criteria

Five 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 Plan is updated every two years to maintain transparency and set direction for future CIP development.

The 2018 CIP is based on the proposed 2017 Strategic Plan update. 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, and finance) prioritize capital spending within their divisions and then submit recommended projects to a centralized capital budgeting system.

City Light management prioritizes capital investment by comparing proposals against criteria that evaluate a project’s 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 to document 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.

**CIP Budget Control Levels in the 2018 Proposed Budget**

The dollar amounts shown in the CIP are total project costs to be capitalized and include both direct costs and associated overhead costs. Overhead costs include a share of the department’s support functions (such as finance, administration, and human resources), employee benefits, and interest incurred during construction.

Because City Light requests budget authority for indirect overhead costs in their operating, the total project allocations in the CIP Programs are higher than the corresponding CIP Budget Control Levels in the 2018-2023 Proposed Budget. A table explaining how the 2018-2023 Proposed CIP program totals align with CIP Budget Control Levels in the 2018-2023 Proposed Budget is shown below.

Direct Costs (in \$1,000s)		CIP Programs -- Project Totals for 2018					2018 Appropriations
		Power Supply	Transmission	Distribution	External Projects	Central Utility Projects	
<b>CIP Budget Control Levels</b>	Power Supply & Environmental Affairs (SCL 250)	75,161	0	0	0	18,745	93,906
	Transmission and Distribution (SCL360)	0	14,434	96,556	0	0	110,990
	Customer Focused -CIP (SCL370)	0	0	53,860	38,770	502	93,132
	Financial Services (SCL550)	0	0	0	0	4,164	4,164
<b>Total Direct Costs</b>		<b>75,161</b>	<b>14,434</b>	<b>150,416</b>	<b>38,770</b>	<b>23,411</b>	<b>302,192</b>
<b>Loadings and Overhead Estimates (appropriated separately in Operating BCLs)</b>							
	Interest During Construction	1,914	1,076	4,511	551	233	8,285
	Paid Time Off	1,522	290	5,105	485	299	7,701
	Fringe Benefits	3,068	585	10,331	976	603	15,563
	Payroll Tax (FICA)	728	138	2,822	239	125	4,052
	Material	9	12	2,785	698	-	3,504
	Transportation	320	235	3,691	283	46	4,576
	Shop	61	-	230	1	186	478
	Administrative & General	7,549	1,424	29,210	2,598	1,764	42,545
<b>Total Overhead</b>		<b>15,170</b>	<b>3,760</b>	<b>58,685</b>	<b>5,830</b>	<b>3,256</b>	<b>86,701</b>
<b>CIP Project Allocations</b>		<b>90,331</b>	<b>18,194</b>	<b>209,101</b>	<b>44,600</b>	<b>26,667</b>	<b>388,893</b>

## Summary of Upcoming Budget Issues and Challenges

City Light faces a series of challenges common to electric utilities:

- Infrastructure constructed in the 50's and 60's is now reaching the end of its useful life.
- Retirements of the boomer generation are causing gaps in institutional knowledge and experience.
- Material procurement is becoming more complex due to inflation in commodity prices such as copper and the movement of manufacturing of large electrical equipment overseas.
- The impacts of transportation projects and franchise city undergrounding initiatives are difficult to plan for because the external agencies sponsoring these projects have relatively short planning horizons.
- Security risks continue to be a challenge, as both physical and cyber security are subject to a significantly higher level of regulatory requirements.
- Requirements for environmental mitigation, permitting, and construction site mitigation are difficult to accurately estimate and involve substantial schedule risk.
- Licensing requirements are key to the continued operation of City Light's hydro generation assets, and these requirements can change over time.
- The digitization of electrical operations is challenging but the technology exists for great efficiency improvements by use of real-time monitoring and control systems.

City Light is well positioned to meet these challenges through implementation of the carefully planned portfolio of programs and projects in the Strategic Plan.

## Future Projects/What is on the Horizon

The 2017-2022 Strategic Plan highlights two new initiatives that will provide enhanced services and efficiencies.

### Adapting to an Updated Load Forecast

The electric industry is changing. Seattle's electric load growth is slowing and may decline in the long term, even as the economy grows. That means less revenue for the utility as it faces increasing costs to replace aging infrastructure and to deploy the new technology that customers want. The fast pace of technological change also means that electric vehicles, solar power and battery storage are becoming more efficient and less expensive. City Light will continue to monitor changes in load and is revising the methodology uses in the current load forecast to more accurately predict future electricity use.

### Utility of the Future

City Light is committed to adapting. As part of the Strategic Plan update, the utility will explore how to become an agile "Utility of the Future." It has already identified two areas where it must evolve: transportation electrification and climate adaptation.

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
<b>A1 Power Supply - Boundary</b>					<b>BCL/Program Code:</b>			<b>SCL250-A1</b>	
<u>Discrete</u>									
Boundary - Access Road Stability Improvements (6615)	717	573	544	1,024	18	0	0	0	2,876
Boundary - DC Battery System & Charge Modernization (6566)	93	152	197	0	0	0	0	0	442
Boundary - Entrance Improvements (6601)	13	2,289	347	0	0	0	0	0	2,649
Boundary - Unit 56 Exciter Replacement (6603)	1	1,326	28	0	0	0	0	0	1,355
Boundary Control Room Alarm system replacement (6637)	0	0	205	210	215	220	0	0	850
Boundary Crane Improvements (6620)	92	2,211	1,972	119	0	0	0	0	4,394
Boundary Dam - Instrumentation Upgrade and Integration (6343)	11,650	1,126	301	0	0	0	0	0	13,077
Boundary DC Panel Upgrade (6628)	0	0	513	0	0	0	0	0	513
Boundary Fiber Ring Upgrade (6635)	0	0	0	0	215	551	0	0	766
Boundary Governor Rehabilitation (6641)	0	0	0	0	0	0	4,624	4,619	9,243
Boundary Powerhouse - Transformer Bank Rockfall Mitigation (6485)	502	0	0	246	71	7,592	12,729	0	21,140
Boundary Powerhouse - Unit 51 Generator Rebuild (6351)	298	4,107	11,024	5,200	1,821	0	0	0	22,450
Boundary Powerhouse - Unit 52 Generator Rebuild (6535)	0	0	0	599	12,561	5,657	1,801	0	20,618
Boundary Powerhouse - Unit 54 Generator Rebuild (6353)	0	0	3,034	9,697	5,456	1,834	0	0	20,021
Boundary Powerhouse Exhaust system (6634)	0	0	0	0	0	0	338	577	915

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

## 2018 - 2023 Proposed Capital Improvement Program



Boundary Powerhouse Generator Step-up Transformer Replacement (6493)	5,940	11,698	6,168	6,315	6,044	7,898	0	0	44,063
Boundary Service Area Paving (6632)	0	0	0	0	0	0	0	346	346
Boundary Sluice Gate Automation (6638)	0	0	0	0	0	0	1,466	0	1,466
Boundary Sluice Gate Walkway Replacement (6631)	0	0	0	0	0	573	0	0	573
Boundary Station Service Transformer Replacement (6627)	0	0	0	210	3,764	3,910	0	0	7,884
Boundary Sump Pump Drive Replacement (6633)	0	0	0	210	215	220	226	231	1,102
Boundary Tailrace Boat Ramp improvements (6630)	0	0	0	126	430	0	0	0	556
Boundary Tailrace East Access Road Improvements (6629)	0	0	0	0	559	0	0	0	559
Boundary U55/56 Fire Suppression (6636)	0	0	0	0	645	551	564	0	1,760
Landis and Gyr RTU Modernization Boundary, CF, Skagit (6565)	0	0	0	467	715	573	0	0	1,755
<u>Ongoing</u>									
Boundary - Licensing Mitigation (6987)	39,569	39,797	25,593	20,537	16,293	13,501	11,960	8,291	175,541
Boundary Facility - Minor Improvements Program (6401)	20,736	1,601	1,585	1,569	5,702	7,267	12,124	14,900	65,484
<b>A1 Power Supply - Boundary</b>	<b>79,611</b>	<b>64,880</b>	<b>51,511</b>	<b>46,529</b>	<b>54,724</b>	<b>50,347</b>	<b>45,832</b>	<b>28,964</b>	<b>422,398</b>
<b>A2 Power Supply - Skagit</b>									
						<b>BCL/Program Code:</b>			<b>SCL250-A2</b>
<u>Discrete</u>									
Diablo - Load Interrupters Replacement (6532)	1,333	2,384	867	611	0	0	0	0	5,195
Diablo - Replace Bank Transformers (6589)	0	0	0	0	109	905	7,479	0	8,493
Diablo Dam - Spill Gate Trunnion Upgrades (6610)	258	500	336	353	371	389	409	337	2,953
Diablo Facility - Incline Lift Rehabilitation (6457)	0	0	0	0	32	54	578	0	664

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## 2018 - 2023 Proposed Capital Improvement Program

Diablo Facility - Lines Protection Upgrades (6483)	5,005	502	40	719	736	3	0	0	7,005
Diablo Powerhouse - Rebuild Generator Unit 31 (6422)	4,253	17,601	517	0	0	0	0	0	22,371
Diablo Powerhouse - Rebuild Generator Unit 32 (6423)	2,904	13,055	6,491	133	0	0	0	0	22,583
Gorge - 240V AC Station Service Switchgear Replacement (6581)	16	1,030	35	0	0	0	0	0	1,081
Gorge Crane Rehabilitation (6639)	0	0	0	0	0	1,982	0	0	1,982
Gorge Powerhouse - Fire Protection Improvements (6326)	0	71	53	220	323	117	119	122	1,025
Gorge U21-24 overhauls (6640)	0	0	0	0	0	0	564	16,167	16,731
Newhalem - Generator 20/Support Facility Rebuild (6479)	3,899	1,837	313	0	0	0	0	0	6,049
Ross - Exciters 41-44 (6564)	0	0	165	3,194	214	693	0	0	4,266
Ross - Governors (6562)	358	879	555	1,062	3,449	0	0	0	6,303
Ross - Powerhouse Rockfall Mitigation (6577)	0	106	0	109	4,784	221	0	0	5,220
Ross Dam - AC/DC Distribution System Upgrade (6373)	2,231	841	1,481	3,932	2,696	0	0	0	11,181
Ross Powerhouse - Programmable Language Controller Upgrade (6376)	95	454	140	28	0	0	0	0	717
Ross Powerhouse - Replace Transformer Banks 42 and 44 (6541)	10,289	10,743	126	0	0	0	0	0	21,158
Skagit - Babcock Creek Crossing (6514)	194	59	59	1,096	1	0	0	0	1,409
Skagit - Boat Facility Improvements (6540)	267	1,663	2,443	65	0	0	0	0	4,438
Skagit - Facilities Energy Conservation Program (6515)	5,318	3,117	1,029	0	0	0	0	0	9,464
Skagit - Sewer System Rehabilitation (6232)	4,960	703	549	2,838	165	0	0	0	9,215
Skagit Facilities Plan (6520)	2,844	1,517	1,860	1,583	1,100	0	0	0	8,904

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## 2018 - 2023 Proposed Capital Improvement Program

Skagit Powerhouses - Install Protection Relays (6415)	4,514	800	1,400	1,851	1,956	1,487	1,018	0	13,026
<u>Ongoing</u>									
Skagit - Relicensing (6986)	0	528	1,039	6,448	6,057	13,858	26,723	4,207	58,860
Skagit Facility - Minor Improvements Program (6405)	22,878	3,761	3,491	1,146	5,162	9,726	10,127	1,541	57,832
Skagit Licensing Mitigation (6991)	36,862	821	74	132	121	137	134	0	38,281
<b>A2 Power Supply - Skagit</b>	<b>108,478</b>	<b>62,972</b>	<b>23,063</b>	<b>25,520</b>	<b>27,276</b>	<b>29,572</b>	<b>47,151</b>	<b>22,374</b>	<b>346,406</b>
<b>A3 Power Supply - Cedar Falls - Tolt</b>	<b>BCL/Program Code:</b>						<b>SCL250-A3</b>		
<u>Discrete</u>									
Cedar Falls - Bank 6 Replacement (6573)	0	0	352	2,126	758	0	0	0	3,236
Cedar Falls - New Generator 5/6 Exciters (6531)	0	914	238	593	0	0	0	0	1,745
Cedar Falls Powerhouse - Penstock Stabilization (6358)	2,084	0	0	343	567	187	0	0	3,181
Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay (6450)	1,028	47	0	0	591	53	0	0	1,719
Cedar Falls Powerhouse - Valvehouse Rehabilitation (6324)	0	0	0	0	669	3,101	0	0	3,770
Cedar Falls Rehabilitation (6625)	0	250	256	263	269	275	282	0	1,595
<u>Ongoing</u>									
Cedar Falls/South Fork Tolt - Minor Improvements Program (6406)	8,044	2,513	1,890	1,195	2,276	2,874	2,935	0	21,727
<b>A3 Power Supply - Cedar Falls - Tolt</b>	<b>11,156</b>	<b>3,724</b>	<b>2,736</b>	<b>4,520</b>	<b>5,130</b>	<b>6,490</b>	<b>3,217</b>	<b>0</b>	<b>36,973</b>
<b>A4 Power Supply - Power Supply Other</b>	<b>BCL/Program Code:</b>						<b>SCL250-A4</b>		
<u>Discrete</u>									
Generation Federal Reliability Standards Improvements (6470)	9,521	10	10	11	11	0	0	0	9,563
Power Production - Network Controls (6385)	5,505	1,034	890	1,048	218	0	0	0	8,695
SMT AutoLab (6600)	0	273	0	277	481	0	0	0	1,031
Western Energy Imbalance Market (9976)	0	3,470	9,464	1,745	0	0	0	0	14,679

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## 2018 - 2023 Proposed Capital Improvement Program

Ongoing

Dam Safety Part 12 Improvements (6626)	0	451	256	263	215	220	226	0	1,631
Endangered Species Act Mitigation (6990)	15,996	1,721	1,108	1,130	1,152	1,175	1,198	1,219	24,699
Hydro Project Spill Containment (6530)	2,044	885	364	848	817	0	0	0	4,958
Special Work Equipment - Generation Plant (6102)	13,555	1,580	929	1,396	1,429	1,013	1,038	0	20,940

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**A4 Power Supply - Power Supply Other** 46,621 9,424 13,021 6,718 4,323 2,408 2,462 1,219 86,196

**B1 Transmission - Transmission**

**BCL/Program Code: SCL360-B1**

Discrete

Denny Substation Transmission Lines (7125)	3,373	9,235	5,016	2,651	6,544	42,827	0	0	69,646
Transmission Line Inductor Installation (8461)	4,351	11,476	7,580	4,300	0	0	0	0	27,707
Transmission Line Reconductoring (8462)	376	3,718	728	153	0	0	0	0	4,975

Ongoing

Transmission Capacity (7011)	10,895	1,237	24	25	25	11	21	28	12,266
Transmission Inter-Agency (7105)	2,548	606	589	603	613	623	591	623	6,796
Transmission Reliability (7104)	24,471	3,686	4,257	3,729	3,064	2,654	3,681	5,359	50,901

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**B1 Transmission - Transmission** 46,014 29,958 18,194 11,461 10,246 46,115 4,293 6,010 172,291

**C1 Distribution - Substations**

**BCL/Program Code: SCL360-C1**

Discrete

Denny Substation Development (7757)	122,799	74,587	10,849	0	0	0	0	0	208,235
Interbay Substation - Development (7756)	2,489	0	0	81	82	398	463	524	4,037

Ongoing

Relaying Improvements (7753)	34,345	4,191	4,614	5,578	4,535	4,937	5,033	5,166	68,399
Replace Breakers BPA Covington and Maple Valley Substations (7121)	546	11	11	11	11	12	12	12	626
Substation Automation (8424)	6,566	1,396	1,522	1,562	1,583	1,381	1,337	997	16,344
Substation Breaker Replacements and Reliability Additions (7779)	32,611	6,168	4,836	5,656	5,217	5,900	5,647	6,699	72,734

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

**2018 - 2023 Proposed Capital Improvement Program**

Substation Capacity Additions (7751)	13,464	1,904	2,038	2,170	2,575	2,123	2,192	3,119	29,585
Substation Equipment Improvements (7752)	64,261	5,810	6,060	6,878	6,882	6,606	6,261	6,161	108,919
Substation Plant Improvements (7750)	9,655	1,406	1,365	1,123	1,024	1,200	1,522	1,262	18,557
Substation Transformer Replacements (7776)	8,265	2,367	2,641	5,005	4,597	4,966	5,058	2,075	34,974
Substations Demand Driven Improvements (7755)	5,811	6	5	6	6	6	6	6	5,852
Substations Oil Containment (7783)	15	337	340	335	341	224	590	397	2,579
<b>C1 Distribution - Substations</b>	<b>300,827</b>	<b>98,183</b>	<b>34,281</b>	<b>28,405</b>	<b>26,853</b>	<b>27,753</b>	<b>28,121</b>	<b>26,418</b>	<b>570,841</b>
<b>C2 Distribution - Network</b>						<b>BCL/Program Code:</b>		<b>SCL360-C2</b>	
<u>Discrete</u>									
First Hill - Network Load Transfer (8407)	0	0	0	902	906	7,757	7,932	7,939	25,436
<u>Ongoing</u>									
Broad Street Substation - Network (8203)	89,822	12,702	3,983	3,685	4,591	8,920	3,019	3,059	129,781
Denny Substation - Network (8404)	13,414	38,949	5,896	3,549	10,724	12,204	11,011	11,246	106,993
First Hill - Network (8301)	16,251	3,267	1,087	2,698	2,730	2,022	5,034	5,150	38,239
Massachusetts Street Substation - Networks (8202)	36,933	4,150	4,206	4,108	4,436	3,194	4,805	5,090	66,922
Network Hazeltine Upgrade (8129)	7,144	545	572	552	778	740	742	743	11,816
Network Maintenance Hole and Vault Rebuild (8130)	56,762	3,518	3,439	3,557	3,535	3,674	2,612	2,589	79,686
Union Street Substation Networks (8201)	29,689	2,562	2,202	2,595	2,711	2,940	2,994	3,015	48,708
University Substation - Network (8464)	3,062	388	430	392	476	491	499	501	6,239
<b>C2 Distribution - Network</b>	<b>253,077</b>	<b>66,081</b>	<b>21,815</b>	<b>22,038</b>	<b>30,887</b>	<b>41,942</b>	<b>38,648</b>	<b>39,332</b>	<b>513,820</b>
<b>C3 Distribution - Radial</b>						<b>BCL/Program Code:</b>		<b>SCL360-C3</b>	
<u>Discrete</u>									
Automated Utility Design Implementation (9950)	4,951	1,391	380	0	0	0	0	0	6,722
Dallas Ave. 26 kV Crossing (8322)	867	80	168	61	1,029	725	40	6,068	9,038

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

## 2018 - 2023 Proposed Capital Improvement Program

Laurelhurst - Underground Rebuild (8373)	9,828	886	148	0	0	0	0	0	10,862
Mobile Workforce Implementation (8429)	0	1,113	1,269	4,135	176	0	0	0	6,693
PCB Tracking and Condition Assessment Project (9974)	0	500	3,357	1,338	0	0	0	0	5,195
<u>Ongoing</u>									
Battery Storage Pilot (8484)	0	501	501	2,003	0	0	0	0	3,005
Broadband - City Light (8465)	5,866	7,551	35	0	0	0	0	0	13,452
Distribution Automation (8425)	5,016	4,059	2,276	2,848	2,943	2,975	1,505	3,222	24,844
Overhead 26kV Conversion (8358)	16,709	2,750	1,764	1,750	1,771	1,802	1,629	1,566	29,741
Overhead Customer Driven Capacity Additions (8355)	37,422	3,901	4,334	4,980	5,618	4,042	6,008	6,092	72,397
Overhead Equipment Replacements (8351)	100,805	9,740	12,384	18,028	21,068	22,184	24,970	26,917	236,096
Overhead System Capacity Additions (8356)	32,030	2,755	2,631	2,543	2,670	3,398	3,448	3,497	52,972
Pole Attachments (8452)	12,502	13,467	18,351	6,528	7,298	7,829	7,957	7,320	81,252
Special Work Equipment - Tech Metering (8485)	0	205	102	105	215	110	113	233	1,083
Underground 26kV Conversion (8362)	6,625	2,200	3,476	5,022	2,510	2,722	4,074	2,841	29,470
Underground Customer Driven Capacity Additions (8360)	34,081	5,205	2,983	2,983	5,498	4,593	7,028	3,165	65,536
Underground Equipment Replacements (8353)	40,795	14,093	11,452	11,647	11,860	15,428	16,408	10,790	132,473
Underground System Capacity Additions (8361)	33,839	7,577	2,936	2,994	2,971	5,101	4,306	3,287	63,011
Vista Switch Automation (8483)	0	0	401	401	401	401	401	401	2,406
<b>C3 Distribution - Radial</b>	<b>341,336</b>	<b>77,974</b>	<b>68,948</b>	<b>67,366</b>	<b>66,028</b>	<b>71,310</b>	<b>77,887</b>	<b>75,399</b>	<b>846,248</b>
<b>C4 Distribution - Service Connections</b>						<b>BCL/Program Code:</b>		<b>SCL370-C4</b>	
<u>Discrete</u>									
Advanced Metering Infrastructure (8426)	8,883	36,455	31,812	6,295	0	0	0	0	83,445
<u>Ongoing</u>									
Large Overhead and Underground Services (8365)	22,108	3,083	3,065	4,194	3,284	5,079	6,442	6,589	53,844
Major Emergency (8380)	3,130	262	264	792	809	1,401	1,432	529	8,619

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

## 2018 - 2023 Proposed Capital Improvement Program

Medium Overhead and Underground Services (8366)	112,434	15,845	14,388	11,567	11,780	12,288	15,683	14,518	208,503
Meter Additions (8054)	69,988	2,282	2,351	2,792	2,840	3,013	3,065	2,800	89,131
Network Additions and Services - Denny (8405)	4,676	3,311	2,836	2,691	2,453	3,086	4,865	5,241	29,159
Network Additions and Services: Broad Street Substation (8363)	61,489	11,612	7,200	7,144	7,279	7,537	7,423	7,979	117,663
Network Additions and Svcs: First Hill, Mass, Union & Univer (8364)	40,306	5,437	3,270	3,367	3,407	3,917	3,970	4,249	67,923
Normal Emergency (8379)	12,875	569	573	582	590	1,726	1,762	1,999	20,676
Overhead Outage Replacements (8350)	3,300	310	314	449	937	951	1,098	1,119	8,478
Small Overhead and Underground Services (8367)	60,751	6,205	6,267	5,461	5,289	5,274	6,654	7,047	102,948
Underground Outage Replacements (8352)	18,714	287	185	346	1,949	1,983	1,650	1,676	26,790
<b>C4 Distribution - Service Connections</b>	<b>418,654</b>	<b>85,658</b>	<b>72,525</b>	<b>45,680</b>	<b>40,617</b>	<b>46,255</b>	<b>54,044</b>	<b>53,746</b>	<b>817,179</b>
<b>C5 Distribution - Distribution Other</b>							<b>BCL/Program Code:</b>		<b>SCL360-C5</b>
<u>Discrete</u>									
Asset Investment and Optimization (9968)	0	0	0	0	0	3,294	1,124	0	4,418
Distribution Management System (9966)	0	0	0	5,674	3,443	0	0	0	9,117
Enterprise Geographic Information System (9957)	5	6,528	553	5,364	1,668	125	0	0	14,243
Enterprise Software Solution Replacement Strategy (9969)	0	0	1,473	9,903	6,875	10,771	11,296	7,304	47,622
Outage Management System Phase II Implementation (9967)	0	1,392	614	0	0	0	0	0	2,006
Project Management System Implementation (9973)	0	0	0	0	0	2,003	1,002	0	3,005
<u>Ongoing</u>									
Communications Improvements (9009)	12,860	1,665	948	899	901	962	842	1,085	20,162
Distribution Area Communications Networks (9307)	22,626	1,340	2,681	2,581	2,909	2,807	2,028	2,057	39,029

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## 2018 - 2023 Proposed Capital Improvement Program

Security Improvements (9202)	23,604	11,175	2,344	2,243	2,288	2,343	2,322	2,320	48,639
Special Work Equipment - Other Plant (9102)	21,258	1,823	1,077	1,102	1,129	1,156	1,184	1,212	29,941
Stormwater Compliance (9236)	0	501	514	0	0	0	0	0	1,015
Transmission & Generation Radio Systems (9108)	15,342	1,223	1,328	750	936	980	995	1,222	22,776

<b>C5 Distribution - Distribution Other</b>	<b>95,695</b>	<b>25,647</b>	<b>11,532</b>	<b>28,516</b>	<b>20,149</b>	<b>24,441</b>	<b>20,793</b>	<b>15,200</b>	<b>241,973</b>
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**D1 External Projects - Local Jurisdictions**

**BCL/Program Code:**

**SCL370-D1**

Discrete

Seattle Waterfront Streetlight Installation (8481)	0	300	308	421	5,386	5,515	4,518	0	16,448
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Ongoing

Citywide Undergrounding Initiative - City Light (8403)	3	10	10	11	11	11	12	12	80
Streetlight Infrastructure Replacement (8460)	8,110	5,429	3,170	3,296	3,966	4,360	4,184	4,491	37,006
Streetlight LED Conversion Program (8441)	31,460	7,099	5,434	6,089	6,993	6,773	6,932	4,887	75,667
Streetlights: Arterial, Residential and Floodlights (8378)	25,885	3,718	3,492	3,753	4,255	4,943	5,064	4,222	55,332
Transportation Streetlights (8377)	11,966	5,407	4,224	3,998	4,010	851	7,104	3,705	41,265

<b>D1 External Projects - Local Jurisdictions</b>	<b>77,424</b>	<b>21,963</b>	<b>16,638</b>	<b>17,568</b>	<b>24,621</b>	<b>22,453</b>	<b>27,814</b>	<b>17,317</b>	<b>225,798</b>
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**D2 External Projects - Transportation Relocations**

**BCL/Program Code:**

**SCL370-D2**

Discrete

Alaskan Way Viaduct and Seawall Replacement - Utility Relocs (8307)	135,547	48,457	15,781	19,831	16,792	2,609	1,465	0	240,482
Center City Connector Streetcar – City Light (8470)	212	2,076	4,286	2,370	0	0	0	0	8,944
First Hill Connector Streetcar (8442)	2,752	1,133	2	0	0	0	0	0	3,887
Sound Transit - City Light System Upgrades (8475)	0	148	0	0	330	1,350	0	0	1,828
Sound Transit Light Rail East Link - City Light (8450)	109	1,585	564	0	0	0	0	0	2,258
Sound Transit Lynnwood - City Light (8471)	166	1,473	1,604	1,513	2,113	1,976	661	0	9,506

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**2018 - 2023 Proposed Capital Improvement Program**



Sound Transit Northlink - City Light (8427)	4,411	2,500	25	0	0	0	0	0	6,936
State Route 520 Bridge Relocations (8435)	30	597	92	108	45	22	0	0	894
<u>Ongoing</u>									
Overhead and Underground Relocations (8369)	14,597	3,127	5,167	3,876	3,912	3,837	3,910	3,545	41,971
<b>D2 External Projects - Transportation Relocations</b>	157,824	61,096	27,521	27,698	23,192	9,794	6,036	3,545	316,706
<b>D3 External Projects - Customer Other</b>									
<u>Discrete</u>									
Creston-Nelson to Intergate East Feeder Installation (8430)	6,260	559	426	1,385	415	141	0	0	9,186
<u>Ongoing</u>									
Neighborhood Voluntary Undergrounding Program (8383)	277	8	15	15	15	15	15	15	375
<b>D3 External Projects - Customer Other</b>	6,537	567	441	1,400	430	156	15	15	9,561
<b>E1 Central Utility Projects - Customer and Billing</b>									
<u>Discrete</u>									
New Customer Information System (9937)	51,506	11,944	0	0	0	0	0	0	63,450
<u>Ongoing</u>									
Call Center Improvements - City Light (9972)	0	501	503	53	215	110	226	58	1,666
<b>E1 Central Utility Projects - Customer and Billing</b>	51,506	12,445	503	53	215	110	226	58	65,116
<b>E2 Central Utility Projects - Finance and IT Systems</b>									
<u>Discrete</u>									
Data Warehouse Implementation (9975)	0	200	501	150	150	150	150	150	1,451
Enterprise Document Management System (9962)	4,139	2,907	106	1,066	1,131	1,046	785	1,033	12,213
PeopleSoft Reimplementation - City Light (9970)	6,951	17,816	2,686	0	0	0	0	0	27,453
<u>Ongoing</u>									
Information Technology Infrastructure (9915)	49,931	2,901	513	504	502	501	501	501	55,854

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## 2018 - 2023 Proposed Capital Improvement Program

IT Security Upgrades (9960)	3,793	569	1,119	1,146	1,174	918	689	705	10,113
<b>E2 Central Utility Projects - Finance and IT Systems</b>	<b>64,814</b>	<b>24,393</b>	<b>4,925</b>	<b>2,866</b>	<b>2,957</b>	<b>2,615</b>	<b>2,125</b>	<b>2,389</b>	<b>107,084</b>
<b>E3 Central Utility Projects - Fleets and Facilities</b>									
							<b>BCL/Program Code:</b>		<b>SCL250-E3</b>
<u>Discrete</u>									
Georgetown Steamplant Access Road (9233)	13	1,042	690	0	0	0	0	0	1,745
Service Center Development Project (9232)	0	0	0	0	0	59,705	40,338	0	100,043
Solar Microgrid for Resilience (9238)	0	3,612	529	0	0	0	0	0	4,141
Technical Training Center Development (9230)	2,114	11,393	512	640	0	0	0	0	14,659
<u>Ongoing</u>									
Building Envelope Upgrades (9072)	8,697	2,247	1,619	1,259	1,271	1,301	1,332	7	17,733
Denny Substation Tenant Improvements (9235)	20	5,254	1,362	24	0	0	0	0	6,660
Electric Vehicle Infrastructure (9237)	0	1,753	1,077	53	11	0	0	0	2,894
Energy Conservation (9320)	3,289	703	325	115	114	116	119	2	4,783
Environmental Safeguarding and Remediation of Facilities (9152)	1,329	92	96	57	58	59	60	0	1,751
Equipment Fleet Replacement (9101)	95,021	11,875	7,639	7,178	7,182	7,185	10,037	8,867	154,984
Facilities Infrastructure Improvements (9156)	4,389	655	453	64	63	64	66	0	5,754
Facilities Regulatory Compliance (9151)	1,629	482	334	342	350	359	367	0	3,863
Miscellaneous Building Improvements (9007)	13,201	1,918	2,212	2,305	3,749	3,828	3,901	2,543	33,657
North and South Service Center Improvements (9107)	35,110	437	350	818	3,953	5,369	5,481	186	51,704
Office Furniture and Equipment Purchase (9103)	19,543	1,022	693	1,096	1,123	1,150	1,177	0	25,804
Safety Modifications (9006)	5,302	1,640	1,344	1,374	1,364	1,396	1,428	71	13,919
Seismic Mitigation (9134)	5,687	136	86	94	602	604	606	3	7,818

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## 2018 - 2023 Proposed Capital Improvement Program

Special Work Equipment - Shops (8389)	1,322	357	300	307	314	322	330	0	3,252
Substation Comprehensive Improvements (9161)	4,210	273	279	275	279	284	13	7	5,620
Workplace and Process Improvement (9159)	6,089	2,740	1,339	2,074	1,951	2,308	2,340	12	18,853
<b>E3 Central Utility Projects - Fleets and Facilities</b>	206,965	47,631	21,239	18,075	22,384	84,050	67,595	11,698	479,637
<b>Department Total:</b>	2,266,539	692,596	388,894	354,412	360,032	465,811	426,259	303,684	5,258,227

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

### 2018 - 2023 Proposed Capital Improvement Program

# Seattle City Light

## Fund Summary

Fund Name & Code	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
City Light Fund (41000)	2,266,539	692,596	388,894	354,412	360,032	465,811	426,259	303,684	5,258,227
<b>Department Total:</b>	<b>2,266,539</b>	<b>692,596</b>	<b>388,894</b>	<b>354,412</b>	<b>360,032</b>	<b>465,811</b>	<b>426,259</b>	<b>303,684</b>	<b>5,258,227</b>

*\*Amounts in thousands of dollars*

**2018 - 2023 Proposed Capital Improvement Program**

**Advanced Metering Infrastructure**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8426
<b>Start/End Date:</b>	2015-2019	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C4 Distribution - Service Connections
<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>	\$83,445	<b>Urban Village:</b>	Not in an Urban Village

This project replaces approximately 400,000 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	8,883	36,455	31,812	6,295	0	0	0	0	83,445
<b>Total:</b>	8,883	36,455	31,812	6,295	0	0	0	0	83,445

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	8,883	36,455	31,812	6,295	0	0	0	0	83,445
<b>Total:</b>	8,883	36,455	31,812	6,295	0	0	0	0	83,445

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	8,883	36,455	31,812	6,295	0	0	0	0	83,445
<b>Total:</b>	8,883	36,455	31,812	6,295	0	0	0	0	83,445

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Alaskan Way Viaduct and Seawall Replacement - Utility Relocs**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8307
<b>Start/End Date:</b>	2002-2022	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations
<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>	\$240,482	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	135,547	48,457	15,781	19,831	16,792	2,609	1,465	0	240,482
<b>Total:</b>	135,547	48,457	15,781	19,831	16,792	2,609	1,465	0	240,482

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	135,547	48,457	15,781	19,831	16,792	2,609	1,465	0	240,482
<b>Total:</b>	135,547	48,457	15,781	19,831	16,792	2,609	1,465	0	240,482

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	135,547	48,457	15,781	19,831	16,792	2,609	1,465	0	240,482
<b>Total:</b>	135,547	48,457	15,781	19,831	16,792	2,609	1,465	0	240,482

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Asset Investment and Optimization**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9968
<b>Start/End Date:</b>	2021-2022	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Category:</b>	New Investment	<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other
<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>	\$4,418	<b>Urban Village:</b>	Not in an Urban Village

This project provides development and deployment of a software tool that will enable City Light to perform analytics on its electrical assets; predicting end of life, and performing risk analysis and investment planning to minimize risk for the utility. This project also provides a software tool with the ability to run multiple funding scenarios and sensitivity analyses to create a consistent and long-term approach that can be easily modified when parameters change.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	3,294	1,124	0	4,418
<b>Total:</b>	0	0	0	0	0	3,294	1,124	0	4,418

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	3,294	1,124	0	4,418
<b>Total:</b>	0	0	0	0	0	3,294	1,124	0	4,418

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	3,294	1,124	0	4,418
<b>Total:</b>	0	0	0	0	0	3,294	1,124	0	4,418

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Automated Utility Design Implementation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9950
<b>Start/End Date:</b>	2011-2018	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C3 Distribution - Radial
<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>	\$6,722	<b>Urban Village:</b>	Not in an Urban Village

This project purchases and installs Automatic Utility Design, a new engineering design software tool to replace outdated drafting software, which is no longer supported by the vendor. The AUD software will provide significant design and production efficiencies at a time when the engineering work load is increasing because of a shift to the engineers of production tasks. Additionally, the AUD software will enforce common North and South Service Center engineering practices and procedures and provide an essential interface with WAMS (Work and Asset Management System) and OMS (Outage Management System).

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	4,951	1,391	380	0	0	0	0	0	6,722
<b>Total:</b>	4,951	1,391	380	0	0	0	0	0	6,722

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	4,951	1,391	380	0	0	0	0	0	6,722
<b>Total:</b>	4,951	1,391	380	0	0	0	0	0	6,722

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	4,951	1,391	380	0	0	0	0	0	6,722
<b>Total:</b>	4,951	1,391	380	0	0	0	0	0	6,722

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Boundary - Access Road Stability Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6615
<b>Start/End Date:</b>	2017-2020	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<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>	\$2,876	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

City Light Fund Revenues	717	573	544	1,024	18	0	0	0	2,876
<b>Total:</b>	717	573	544	1,024	18	0	0	0	2,876

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	717	573	544	1,024	18	0	0	0	2,876
<b>Total:</b>	717	573	544	1,024	18	0	0	0	2,876

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

City Light Fund	717	573	544	1,024	18	0	0	0	2,876
<b>Total:</b>	717	573	544	1,024	18	0	0	0	2,876

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Boundary - DC Battery System & Charge Modernization**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6566
<b>Start/End Date:</b>	2017-2018	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<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>	\$442	<b>Urban Village:</b>	Outside Seattle City

This project replaces the existing DC battery system at Boundary.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	93	152	197	0	0	0	0	0	442
<b>Total:</b>	93	152	197	0	0	0	0	0	442

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	93	152	197	0	0	0	0	0	442
<b>Total:</b>	93	152	197	0	0	0	0	0	442

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	93	152	197	0	0	0	0	0	442
<b>Total:</b>	93	152	197	0	0	0	0	0	442

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 - Entrance Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6601
<b>Start/End Date:</b>	2017-2018	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$2,649	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	13	2,289	347	0	0	0	0	0	2,649
<b>Total:</b>	13	2,289	347	0	0	0	0	0	2,649

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	13	2,289	347	0	0	0	0	0	2,649
<b>Total:</b>	13	2,289	347	0	0	0	0	0	2,649

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	13	2,289	347	0	0	0	0	0	2,649
<b>Total:</b>	13	2,289	347	0	0	0	0	0	2,649

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Boundary - Unit 56 Exciter Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6603
<b>Start/End Date:</b>	2017-2018	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$1,355	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	1	1,326	28	0	0	0	0	0	1,355
<b>Total:</b>	1	1,326	28	0	0	0	0	0	1,355

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1	1,326	28	0	0	0	0	0	1,355
<b>Total:</b>	1	1,326	28	0	0	0	0	0	1,355

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	1	1,326	28	0	0	0	0	0	1,355
<b>Total:</b>	1	1,326	28	0	0	0	0	0	1,355

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Boundary Control Room Alarm system replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6637
<b>Start/End Date:</b>	2017-2021	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$850	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	205	210	215	220	0	0	850
<b>Total:</b>	0	0	205	210	215	220	0	0	850

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	205	210	215	220	0	0	850
<b>Total:</b>	0	0	205	210	215	220	0	0	850

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	205	210	215	220	0	0	850
<b>Total:</b>	0	0	205	210	215	220	0	0	850

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Crane Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6620
<b>Start/End Date:</b>	2017-2019	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<b>Current Project Stage:</b>	Procurement/Bid	<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>	\$4,394	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	92	2,211	1,972	119	0	0	0	0	4,394
<b>Total:</b>	92	2,211	1,972	119	0	0	0	0	4,394

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	92	2,211	1,972	119	0	0	0	0	4,394
<b>Total:</b>	92	2,211	1,972	119	0	0	0	0	4,394

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	92	2,211	1,972	119	0	0	0	0	4,394
<b>Total:</b>	92	2,211	1,972	119	0	0	0	0	4,394

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Boundary Dam - Instrumentation Upgrade and Integration**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6343
<b>Start/End Date:</b>	2006-2018	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$13,077	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	11,650	1,126	301	0	0	0	0	0	13,077
<b>Total:</b>	11,650	1,126	301	0	0	0	0	0	13,077

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	11,650	1,126	301	0	0	0	0	0	13,077
<b>Total:</b>	11,650	1,126	301	0	0	0	0	0	13,077

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	11,650	1,126	301	0	0	0	0	0	13,077
<b>Total:</b>	11,650	1,126	301	0	0	0	0	0	13,077

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 DC Panel Upgrade**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6628
<b>Start/End Date:</b>	2017-2018	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<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>	\$513	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	513	0	0	0	0	0	513
<b>Total:</b>	0	0	513	0	0	0	0	0	513

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	513	0	0	0	0	0	513
<b>Total:</b>	0	0	513	0	0	0	0	0	513

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	513	0	0	0	0	0	513
<b>Total:</b>	0	0	513	0	0	0	0	0	513

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Boundary Fiber Ring Upgrade**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6635
<b>Start/End Date:</b>	2020-2021	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$766	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	215	551	0	0	766
<b>Total:</b>	0	0	0	0	215	551	0	0	766

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	215	551	0	0	766
<b>Total:</b>	0	0	0	0	215	551	0	0	766

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	215	551	0	0	766
<b>Total:</b>	0	0	0	0	215	551	0	0	766

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Governor Rehabilitation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6641
<b>Start/End Date:</b>	2022-2023	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$9,243	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	0	4,624	4,619	9,243
<b>Total:</b>	0	0	0	0	0	0	4,624	4,619	9,243

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	0	4,624	4,619	9,243
<b>Total:</b>	0	0	0	0	0	0	4,624	4,619	9,243

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	0	4,624	4,619	9,243
<b>Total:</b>	0	0	0	0	0	0	4,624	4,619	9,243

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 - Transformer Bank Rockfall Mitigation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6485
<b>Start/End Date:</b>	2008-2022	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<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>	\$21,140	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	502	0	0	246	71	7,592	12,729	0	21,140
<b>Total:</b>	502	0	0	246	71	7,592	12,729	0	21,140

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	502	0	0	246	71	7,592	12,729	0	21,140
<b>Total:</b>	502	0	0	246	71	7,592	12,729	0	21,140

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	502	0	0	246	71	7,592	12,729	0	21,140
<b>Total:</b>	502	0	0	246	71	7,592	12,729	0	21,140

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Boundary Powerhouse - Unit 51 Generator Rebuild**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6351
<b>Start/End Date:</b>	2017-2020	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<b>Current Project Stage:</b>	Procurement/Bid	<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>	\$22,450	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	298	4,107	11,024	5,200	1,821	0	0	0	22,450
<b>Total:</b>	298	4,107	11,024	5,200	1,821	0	0	0	22,450

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	298	4,107	11,024	5,200	1,821	0	0	0	22,450
<b>Total:</b>	298	4,107	11,024	5,200	1,821	0	0	0	22,450

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	298	4,107	11,024	5,200	1,821	0	0	0	22,450
<b>Total:</b>	298	4,107	11,024	5,200	1,821	0	0	0	22,450

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 - Unit 52 Generator Rebuild**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6535
<b>Start/End Date:</b>	2019-2022	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<b>Current Project Stage:</b>	Procurement/Bid	<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>	\$20,618	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	599	12,561	5,657	1,801	0	20,618
<b>Total:</b>	0	0	0	599	12,561	5,657	1,801	0	20,618

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	599	12,561	5,657	1,801	0	20,618
<b>Total:</b>	0	0	0	599	12,561	5,657	1,801	0	20,618

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	599	12,561	5,657	1,801	0	20,618
<b>Total:</b>	0	0	0	599	12,561	5,657	1,801	0	20,618

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Boundary Powerhouse - Unit 54 Generator Rebuild**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6353
<b>Start/End Date:</b>	2018-2021	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<b>Current Project Stage:</b>	Procurement/Bid	<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>	\$20,021	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	3,034	9,697	5,456	1,834	0	0	20,021
<b>Total:</b>	0	0	3,034	9,697	5,456	1,834	0	0	20,021

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	3,034	9,697	5,456	1,834	0	0	20,021
<b>Total:</b>	0	0	3,034	9,697	5,456	1,834	0	0	20,021

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	3,034	9,697	5,456	1,834	0	0	20,021
<b>Total:</b>	0	0	3,034	9,697	5,456	1,834	0	0	20,021

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Exhaust system**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6634
<b>Start/End Date:</b>	2022-2023	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$915	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	0	338	577	915
<b>Total:</b>	0	0	0	0	0	0	338	577	915

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	0	338	577	915
<b>Total:</b>	0	0	0	0	0	0	338	577	915

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	0	338	577	915
<b>Total:</b>	0	0	0	0	0	0	338	577	915

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**Boundary Powerhouse Generator Step-up Transformer Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6493
<b>Start/End Date:</b>	2010-2021	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$44,063	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	5,940	11,698	6,168	6,315	6,044	7,898	0	0	44,063
<b>Total:</b>	5,940	11,698	6,168	6,315	6,044	7,898	0	0	44,063

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,940	11,698	6,168	6,315	6,044	7,898	0	0	44,063
<b>Total:</b>	5,940	11,698	6,168	6,315	6,044	7,898	0	0	44,063

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	5,940	11,698	6,168	6,315	6,044	7,898	0	0	44,063
<b>Total:</b>	5,940	11,698	6,168	6,315	6,044	7,898	0	0	44,063

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2018 - 2023 Proposed Capital Improvement Program**



**Boundary Service Area Paving**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6632
<b>Start/End Date:</b>	2023-2024	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$346	<b>Urban Village:</b>	Not in an Urban Village

This project provides paving of the Boundary service area roadways and parking areas.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	346	346
<b>Total:</b>	0	0	0	0	0	0	0	346	346

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	0	0	346	346
<b>Total:</b>	0	0	0	0	0	0	0	346	346

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	6638
<b>Start/End Date:</b>	2022-2022	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$1,466	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	0	1,466	0	1,466
<b>Total:</b>	0	0	0	0	0	0	1,466	0	1,466

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	0	1,466	0	1,466
<b>Total:</b>	0	0	0	0	0	0	1,466	0	1,466

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	0	1,466	0	1,466
<b>Total:</b>	0	0	0	0	0	0	1,466	0	1,466

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Boundary Sluice Gate Walkway Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6631
<b>Start/End Date:</b>	2021-2021	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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 concrete walkways over the sluiceways in order to improve safety for the crews performing maintenance activities on the gates.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	573	0	0	573
<b>Total:</b>	0	0	0	0	0	573	0	0	573

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	573	0	0	573
<b>Total:</b>	0	0	0	0	0	573	0	0	573

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	573	0	0	573
<b>Total:</b>	0	0	0	0	0	573	0	0	573

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Boundary Station Service Transformer Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6627
<b>Start/End Date:</b>	2019-2021	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$7,884	<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 accommodate load increases associated with the addition of new circuits in the powerhouse for automation, controls and machine monitoring.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	210	3,764	3,910	0	0	7,884
<b>Total:</b>	0	0	0	210	3,764	3,910	0	0	7,884

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	210	3,764	3,910	0	0	7,884
<b>Total:</b>	0	0	0	210	3,764	3,910	0	0	7,884

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	210	3,764	3,910	0	0	7,884
<b>Total:</b>	0	0	0	210	3,764	3,910	0	0	7,884

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Sump Pump Drive Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6633
<b>Start/End Date:</b>	2019-2023	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$1,102	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	210	215	220	226	231	1,102
<b>Total:</b>	0	0	0	210	215	220	226	231	1,102

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	210	215	220	226	231	1,102
<b>Total:</b>	0	0	0	210	215	220	226	231	1,102

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	210	215	220	226	231	1,102
<b>Total:</b>	0	0	0	210	215	220	226	231	1,102

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	6630
<b>Start/End Date:</b>	2019-2020	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$556	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	126	430	0	0	0	556
<b>Total:</b>	0	0	0	126	430	0	0	0	556

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	126	430	0	0	0	556
<b>Total:</b>	0	0	0	126	430	0	0	0	556

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	126	430	0	0	0	556
<b>Total:</b>	0	0	0	126	430	0	0	0	556

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Boundary Tailrace East Access Road Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6629
<b>Start/End Date:</b>	2020-2020	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$559	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	559	0	0	0	559
<b>Total:</b>	0	0	0	0	559	0	0	0	559

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	559	0	0	0	559
<b>Total:</b>	0	0	0	0	559	0	0	0	559

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	559	0	0	0	559
<b>Total:</b>	0	0	0	0	559	0	0	0	559

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Boundary U55/56 Fire Suppression**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6636
<b>Start/End Date:</b>	2020-2022	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$1,760	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	645	551	564	0	1,760
<b>Total:</b>	0	0	0	0	645	551	564	0	1,760

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	645	551	564	0	1,760
<b>Total:</b>	0	0	0	0	645	551	564	0	1,760

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	645	551	564	0	1,760
<b>Total:</b>	0	0	0	0	645	551	564	0	1,760

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Cedar Falls - Bank 6 Replacement**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6573
<b>Start/End Date:</b>	2018-2020	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt
<b>Current Project Stage:</b>	Pre-Project Development	<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>	\$3,236	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	352	2,126	758	0	0	0	3,236
<b>Total:</b>	0	0	352	2,126	758	0	0	0	3,236

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	352	2,126	758	0	0	0	3,236
<b>Total:</b>	0	0	352	2,126	758	0	0	0	3,236

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	352	2,126	758	0	0	0	3,236
<b>Total:</b>	0	0	352	2,126	758	0	0	0	3,236

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Cedar Falls - New Generator 5/6 Exciters**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6531
<b>Start/End Date:</b>	2017-2019	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt
<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>	\$1,745	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

City Light Fund Revenues	0	914	238	593	0	0	0	0	1,745
<b>Total:</b>	0	914	238	593	0	0	0	0	1,745

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	0	914	238	593	0	0	0	0	1,745
<b>Total:</b>	0	914	238	593	0	0	0	0	1,745

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

City Light Fund	0	914	238	593	0	0	0	0	1,745
<b>Total:</b>	0	914	238	593	0	0	0	0	1,745

			2018	2019	2020	2021	2022	2023	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.

**Cedar Falls Powerhouse - Penstock Stabilization**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6358
<b>Start/End Date:</b>	2007-2021	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt
<b>Current Project Stage:</b>	Pre-Project Development	<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>	\$3,181	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	2,084	0	0	343	567	187	0	0	3,181
<b>Total:</b>	2,084	0	0	343	567	187	0	0	3,181

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,084	0	0	343	567	187	0	0	3,181
<b>Total:</b>	2,084	0	0	343	567	187	0	0	3,181

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	2,084	0	0	343	567	187	0	0	3,181
<b>Total:</b>	2,084	0	0	343	567	187	0	0	3,181

	2018	2019	2020	2021	2022	2023	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 - Unit 5/6 Generator Protective Relay**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6450
<b>Start/End Date:</b>	2007-2021	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt
<b>Current Project Stage:</b>	Pre-Project Development	<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>	\$1,719	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	1,028	47	0	0	591	53	0	0	1,719
<b>Total:</b>	1,028	47	0	0	591	53	0	0	1,719

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,028	47	0	0	591	53	0	0	1,719
<b>Total:</b>	1,028	47	0	0	591	53	0	0	1,719

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	1,028	47	0	0	591	53	0	0	1,719
<b>Total:</b>	1,028	47	0	0	591	53	0	0	1,719

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 - Valvehouse Rehabilitation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6324
<b>Start/End Date:</b>	2020-2021	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt
<b>Current Project Stage:</b>	Pre-Project Development	<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>	\$3,770	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	669	3,101	0	0	3,770
<b>Total:</b>	0	0	0	0	669	3,101	0	0	3,770

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	669	3,101	0	0	3,770
<b>Total:</b>	0	0	0	0	669	3,101	0	0	3,770

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	669	3,101	0	0	3,770
<b>Total:</b>	0	0	0	0	669	3,101	0	0	3,770

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Rehabilitation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6625
<b>Start/End Date:</b>	2017-2022	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt
<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>	\$1,595	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	250	256	263	269	275	282	0	1,595
<b>Total:</b>	0	250	256	263	269	275	282	0	1,595

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	250	256	263	269	275	282	0	1,595
<b>Total:</b>	0	250	256	263	269	275	282	0	1,595

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	250	256	263	269	275	282	0	1,595
<b>Total:</b>	0	250	256	263	269	275	282	0	1,595

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Center City Connector Streetcar – City Light**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8470
<b>Start/End Date:</b>	2015-2019	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	City Wide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$8,944	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	212	2,076	4,286	2,370	0	0	0	0	8,944
<b>Total:</b>	212	2,076	4,286	2,370	0	0	0	0	8,944

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	212	2,076	4,286	2,370	0	0	0	0	8,944
<b>Total:</b>	212	2,076	4,286	2,370	0	0	0	0	8,944

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	212	2,076	4,286	2,370	0	0	0	0	8,944
<b>Total:</b>	212	2,076	4,286	2,370	0	0	0	0	8,944

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Creston-Nelson to Intergate East Feeder Installation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8430
<b>Start/End Date:</b>	2009-2021	<b>BCL/Program Code:</b>	SCL370-D3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	D3 External Projects - Customer Other
<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>	\$9,186	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	6,260	559	426	1,385	415	141	0	0	9,186
<b>Total:</b>	6,260	559	426	1,385	415	141	0	0	9,186

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	6,260	559	426	1,385	415	141	0	0	9,186
<b>Total:</b>	6,260	559	426	1,385	415	141	0	0	9,186

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	6,260	559	426	1,385	415	141	0	0	9,186
<b>Total:</b>	6,260	559	426	1,385	415	141	0	0	9,186

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Dallas Ave. 26 kV Crossing**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8322
<b>Start/End Date:</b>	2005-2024	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C3 Distribution - Radial
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<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>	\$9,038	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	867	80	168	61	1,029	725	40	6,068	9,038
<b>Total:</b>	867	80	168	61	1,029	725	40	6,068	9,038

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	867	80	168	61	1,029	725	40	6,068	9,038
<b>Total:</b>	867	80	168	61	1,029	725	40	6,068	9,038

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	867	80	168	61	1,029	725	40	6,068	9,038
<b>Total:</b>	867	80	168	61	1,029	725	40	6,068	9,038

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	9975
<b>Start/End Date:</b>	2017-2023	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Category:</b>	New Investment	<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems
<b>Current Project Stage:</b>	Execution	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$1,451	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	200	501	150	150	150	150	150	1,451
<b>Total:</b>	0	200	501	150	150	150	150	150	1,451

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	200	501	150	150	150	150	150	1,451
<b>Total:</b>	0	200	501	150	150	150	150	150	1,451

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	200	501	150	150	150	150	150	1,451
<b>Total:</b>	0	200	501	150	150	150	150	150	1,451

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Denny Substation Development**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	7757
<b>Start/End Date:</b>	2007-2018	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C1 Distribution - Substations
<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>	\$208,235	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	122,799	74,587	10,849	0	0	0	0	0	208,235
<b>Total:</b>	122,799	74,587	10,849	0	0	0	0	0	208,235

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	122,799	74,587	10,849	0	0	0	0	0	208,235
<b>Total:</b>	122,799	74,587	10,849	0	0	0	0	0	208,235

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	122,799	74,587	10,849	0	0	0	0	0	208,235
<b>Total:</b>	122,799	74,587	10,849	0	0	0	0	0	208,235

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Denny Substation Transmission Lines**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	7125
<b>Start/End Date:</b>	2008-2021	<b>BCL/Program Code:</b>	SCL360-B1
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	B1 Transmission - Transmission
<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>	\$69,646	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	3,373	9,235	5,016	2,651	6,544	42,827	0	0	69,646
<b>Total:</b>	3,373	9,235	5,016	2,651	6,544	42,827	0	0	69,646

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3,373	9,235	5,016	2,651	6,544	42,827	0	0	69,646
<b>Total:</b>	3,373	9,235	5,016	2,651	6,544	42,827	0	0	69,646

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	3,373	9,235	5,016	2,651	6,544	42,827	0	0	69,646
<b>Total:</b>	3,373	9,235	5,016	2,651	6,544	42,827	0	0	69,646

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	6532
<b>Start/End Date:</b>	2015-2019	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$5,195	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	1,333	2,384	867	611	0	0	0	0	5,195
<b>Total:</b>	1,333	2,384	867	611	0	0	0	0	5,195

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,333	2,384	867	611	0	0	0	0	5,195
<b>Total:</b>	1,333	2,384	867	611	0	0	0	0	5,195

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	1,333	2,384	867	611	0	0	0	0	5,195
<b>Total:</b>	1,333	2,384	867	611	0	0	0	0	5,195

		2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Diablo - Replace Bank Transformers**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6589
<b>Start/End Date:</b>	2020-2022	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$8,493	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

City Light Fund Revenues	0	0	0	0	109	905	7,479	0	8,493
<b>Total:</b>	0	0	0	0	109	905	7,479	0	8,493

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	0	0	0	0	109	905	7,479	0	8,493
<b>Total:</b>	0	0	0	0	109	905	7,479	0	8,493

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

City Light Fund	0	0	0	0	109	905	7,479	0	8,493
<b>Total:</b>	0	0	0	0	109	905	7,479	0	8,493

	2018	2019	2020	2021	2022	2023	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 Dam - Spill Gate Trunnion Upgrades**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6610
<b>Start/End Date:</b>	2017-2025	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<b>Current Project Stage:</b>	Construction	<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>	\$2,953	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	258	500	336	353	371	389	409	337	2,953
<b>Total:</b>	258	500	336	353	371	389	409	337	2,953

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	258	500	336	353	371	389	409	337	2,953
<b>Total:</b>	258	500	336	353	371	389	409	337	2,953

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	258	500	336	353	371	389	409	337	2,953
<b>Total:</b>	258	500	336	353	371	389	409	337	2,953

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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 - Incline Lift Rehabilitation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6457
<b>Start/End Date:</b>	2020-2022	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$664	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	32	54	578	0	664
<b>Total:</b>	0	0	0	0	32	54	578	0	664

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	32	54	578	0	664
<b>Total:</b>	0	0	0	0	32	54	578	0	664

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	32	54	578	0	664
<b>Total:</b>	0	0	0	0	32	54	578	0	664

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	6483
<b>Start/End Date:</b>	2011-2021	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$7,005	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	5,005	502	40	719	736	3	0	0	7,005
<b>Total:</b>	5,005	502	40	719	736	3	0	0	7,005

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,005	502	40	719	736	3	0	0	7,005
<b>Total:</b>	5,005	502	40	719	736	3	0	0	7,005

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	5,005	502	40	719	736	3	0	0	7,005
<b>Total:</b>	5,005	502	40	719	736	3	0	0	7,005

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	6422
<b>Start/End Date:</b>	2012-2018	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$22,371	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	4,253	17,601	517	0	0	0	0	0	22,371
<b>Total:</b>	4,253	17,601	517	0	0	0	0	0	22,371

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	4,253	17,601	517	0	0	0	0	0	22,371
<b>Total:</b>	4,253	17,601	517	0	0	0	0	0	22,371

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	4,253	17,601	517	0	0	0	0	0	22,371
<b>Total:</b>	4,253	17,601	517	0	0	0	0	0	22,371

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 32**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6423
<b>Start/End Date:</b>	2015-2019	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$22,583	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	2,904	13,055	6,491	133	0	0	0	0	22,583
<b>Total:</b>	2,904	13,055	6,491	133	0	0	0	0	22,583

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,904	13,055	6,491	133	0	0	0	0	22,583
<b>Total:</b>	2,904	13,055	6,491	133	0	0	0	0	22,583

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	2,904	13,055	6,491	133	0	0	0	0	22,583
<b>Total:</b>	2,904	13,055	6,491	133	0	0	0	0	22,583

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Distribution Management System**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9966
<b>Start/End Date:</b>	2019-2020	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other
<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>	\$9,117	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	5,674	3,443	0	0	0	9,117
<b>Total:</b>	0	0	0	5,674	3,443	0	0	0	9,117

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	5,674	3,443	0	0	0	9,117
<b>Total:</b>	0	0	0	5,674	3,443	0	0	0	9,117

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	5,674	3,443	0	0	0	9,117
<b>Total:</b>	0	0	0	5,674	3,443	0	0	0	9,117

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Enterprise Document Management System**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9962
<b>Start/End Date:</b>	2015-2026	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems
<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>	\$12,213	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	4,139	2,907	106	1,066	1,131	1,046	785	1,033	12,213
<b>Total:</b>	4,139	2,907	106	1,066	1,131	1,046	785	1,033	12,213

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	4,139	2,907	106	1,066	1,131	1,046	785	1,033	12,213
<b>Total:</b>	4,139	2,907	106	1,066	1,131	1,046	785	1,033	12,213

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	4,139	2,907	106	1,066	1,131	1,046	785	1,033	12,213
<b>Total:</b>	4,139	2,907	106	1,066	1,131	1,046	785	1,033	12,213

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Enterprise Geographic Information System**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9957
<b>Start/End Date:</b>	2015-2021	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other
<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>	\$14,243	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	5	6,528	553	5,364	1,668	125	0	0	14,243
<b>Total:</b>	5	6,528	553	5,364	1,668	125	0	0	14,243

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5	6,528	553	5,364	1,668	125	0	0	14,243
<b>Total:</b>	5	6,528	553	5,364	1,668	125	0	0	14,243

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	5	6,528	553	5,364	1,668	125	0	0	14,243
<b>Total:</b>	5	6,528	553	5,364	1,668	125	0	0	14,243

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Enterprise Software Solution Replacement Strategy**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9969
<b>Start/End Date:</b>	2018-2024	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	City Wide
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	\$47,622	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	1,473	9,903	6,875	10,771	11,296	7,304	47,622
<b>Total:</b>	0	0	1,473	9,903	6,875	10,771	11,296	7,304	47,622

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	1,473	9,903	6,875	10,771	11,296	7,304	47,622
<b>Total:</b>	0	0	1,473	9,903	6,875	10,771	11,296	7,304	47,622

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	1,473	9,903	6,875	10,771	11,296	7,304	47,622
<b>Total:</b>	0	0	1,473	9,903	6,875	10,771	11,296	7,304	47,622

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**First Hill - Network Load Transfer**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8407
<b>Start/End Date:</b>	2019-2023	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C2 Distribution - Network
<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>	\$25,436	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	902	906	7,757	7,932	7,939	25,436
<b>Total:</b>	0	0	0	902	906	7,757	7,932	7,939	25,436
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	902	906	7,757	7,932	7,939	25,436
<b>Total:</b>	0	0	0	902	906	7,757	7,932	7,939	25,436
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	902	906	7,757	7,932	7,939	25,436
<b>Total:</b>	0	0	0	902	906	7,757	7,932	7,939	25,436
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**First Hill Connector Streetcar**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8442
<b>Start/End Date:</b>	2010-2018	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	Broadway / Boren / Jackson / King
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$3,887	<b>Urban Village:</b>	Multiple

This project facilitates construction of the First Hill Connector Streetcar project, linking Sound Transit's International District station and the Capitol Hill station. The project provides for system improvements and repairs to existing duct banks identified along this route. Typical system improvements could include replacement of old poles and the installation of new ducts under the track way for future system capacity.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	2,752	1,133	2	0	0	0	0	0	3,887
<b>Total:</b>	2,752	1,133	2	0	0	0	0	0	3,887

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,752	1,133	2	0	0	0	0	0	3,887
<b>Total:</b>	2,752	1,133	2	0	0	0	0	0	3,887

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	2,752	1,133	2	0	0	0	0	0	3,887
<b>Total:</b>	2,752	1,133	2	0	0	0	0	0	3,887

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	6470
<b>Start/End Date:</b>	2007-2020	<b>BCL/Program Code:</b>	SCL250-A4
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	A4 Power Supply - Power Supply Other
<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>	\$9,563	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	9,521	10	10	11	11	0	0	0	9,563
<b>Total:</b>	9,521	10	10	11	11	0	0	0	9,563

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	9,521	10	10	11	11	0	0	0	9,563
<b>Total:</b>	9,521	10	10	11	11	0	0	0	9,563

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	9,521	10	10	11	11	0	0	0	9,563
<b>Total:</b>	9,521	10	10	11	11	0	0	0	9,563

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2018 - 2023 Proposed Capital Improvement Program**

**Georgetown Steamplant Access Road**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9233
<b>Start/End Date:</b>	2015-2018	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
<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>	\$1,745	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	13	1,042	690	0	0	0	0	0	1,745
<b>Total:</b>	13	1,042	690	0	0	0	0	0	1,745

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	13	1,042	690	0	0	0	0	0	1,745
<b>Total:</b>	13	1,042	690	0	0	0	0	0	1,745

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	13	1,042	690	0	0	0	0	0	1,745
<b>Total:</b>	13	1,042	690	0	0	0	0	0	1,745

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	6581
<b>Start/End Date:</b>	2017-2018	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$1,081	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	16	1,030	35	0	0	0	0	0	1,081
<b>Total:</b>	16	1,030	35	0	0	0	0	0	1,081

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	16	1,030	35	0	0	0	0	0	1,081
<b>Total:</b>	16	1,030	35	0	0	0	0	0	1,081

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	16	1,030	35	0	0	0	0	0	1,081
<b>Total:</b>	16	1,030	35	0	0	0	0	0	1,081

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Gorge Crane Rehabilitation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6639
<b>Start/End Date:</b>	2021-2021	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$1,982	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	1,982	0	0	1,982
<b>Total:</b>	0	0	0	0	0	1,982	0	0	1,982

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	1,982	0	0	1,982
<b>Total:</b>	0	0	0	0	0	1,982	0	0	1,982

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	1,982	0	0	1,982
<b>Total:</b>	0	0	0	0	0	1,982	0	0	1,982

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Gorge Powerhouse - Fire Protection Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6326
<b>Start/End Date:</b>	2017-2024	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$1,025	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	71	53	220	323	117	119	122	1,025
<b>Total:</b>	0	71	53	220	323	117	119	122	1,025

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	71	53	220	323	117	119	122	1,025
<b>Total:</b>	0	71	53	220	323	117	119	122	1,025

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	71	53	220	323	117	119	122	1,025
<b>Total:</b>	0	71	53	220	323	117	119	122	1,025

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2018 - 2023 Proposed Capital Improvement Program**

**Gorge U21-24 overhauls**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6640
<b>Start/End Date:</b>	2022-2026	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$16,731	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	0	564	16,167	16,731
<b>Total:</b>	0	0	0	0	0	0	564	16,167	16,731

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	0	564	16,167	16,731
<b>Total:</b>	0	0	0	0	0	0	564	16,167	16,731

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	0	564	16,167	16,731
<b>Total:</b>	0	0	0	0	0	0	564	16,167	16,731

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Interbay Substation - Development**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	7756
<b>Start/End Date:</b>	2019-2023	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C1 Distribution - Substations
<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>	\$4,037	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	2,489	0	0	81	82	398	463	524	4,037
<b>Total:</b>	2,489	0	0	81	82	398	463	524	4,037

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,489	0	0	81	82	398	463	524	4,037
<b>Total:</b>	2,489	0	0	81	82	398	463	524	4,037

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	2,489	0	0	81	82	398	463	524	4,037
<b>Total:</b>	2,489	0	0	81	82	398	463	524	4,037

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	6565
<b>Start/End Date:</b>	2019-2021	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
<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>	\$1,755	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

City Light Fund Revenues	0	0	0	467	715	573	0	0	1,755
<b>Total:</b>	0	0	0	467	715	573	0	0	1,755

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/ Allocations\***

City Light Fund	0	0	0	467	715	573	0	0	1,755
<b>Total:</b>	0	0	0	467	715	573	0	0	1,755

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

City Light Fund	0	0	0	467	715	573	0	0	1,755
<b>Total:</b>	0	0	0	467	715	573	0	0	1,755

	2018	2019	2020	2021	2022	2023	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.

**Laurelhurst - Underground Rebuild**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8373
<b>Start/End Date:</b>	2007-2018	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C3 Distribution - Radial
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	45th Street/38th Street
<b>Neighborhood District:</b>	Northeast	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$10,862	<b>Urban Village:</b>	Not in an Urban Village

This project completes the final three phases of a nine phase rebuilding of the underground distribution system in Laurelhurst. It replaces increasingly failure-prone aging 4 kV equipment and direct buried cables with a buried conduit system. The project improves service reliability, customer satisfaction, economic operating efficiencies, and safety, and, since PCB transformers are replaced, reduces environmental damage exposure.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	9,828	886	148	0	0	0	0	0	10,862
<b>Total:</b>	9,828	886	148	0	0	0	0	0	10,862

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	9,828	886	148	0	0	0	0	0	10,862
<b>Total:</b>	9,828	886	148	0	0	0	0	0	10,862

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	9,828	886	148	0	0	0	0	0	10,862
<b>Total:</b>	9,828	886	148	0	0	0	0	0	10,862

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Mobile Workforce Implementation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8429
<b>Start/End Date:</b>	2017-2020	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C3 Distribution - Radial
<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>	\$6,693	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	1,113	1,269	4,135	176	0	0	0	6,693
<b>Total:</b>	0	1,113	1,269	4,135	176	0	0	0	6,693

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	1,113	1,269	4,135	176	0	0	0	6,693
<b>Total:</b>	0	1,113	1,269	4,135	176	0	0	0	6,693

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	1,113	1,269	4,135	176	0	0	0	6,693
<b>Total:</b>	0	1,113	1,269	4,135	176	0	0	0	6,693

		2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**New Customer Information System**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9937
<b>Start/End Date:</b>	2015-2017	<b>BCL/Program Code:</b>	SCL370-E1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E1 Central Utility Projects - Customer and Billing
<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>	\$63,450	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	51,506	11,944	0	0	0	0	0	0	63,450
<b>Total:</b>	51,506	11,944	0	0	0	0	0	0	63,450

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	51,506	11,944	0	0	0	0	0	0	63,450
<b>Total:</b>	51,506	11,944	0	0	0	0	0	0	63,450

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	51,506	11,944	0	0	0	0	0	0	63,450
<b>Total:</b>	51,506	11,944	0	0	0	0	0	0	63,450

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Newhalem - Generator 20/Support Facility Rebuild**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6479
<b>Start/End Date:</b>	2011-2018	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$6,049	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	3,899	1,837	313	0	0	0	0	0	6,049
<b>Total:</b>	3,899	1,837	313	0	0	0	0	0	6,049

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3,899	1,837	313	0	0	0	0	0	6,049
<b>Total:</b>	3,899	1,837	313	0	0	0	0	0	6,049

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	3,899	1,837	313	0	0	0	0	0	6,049
<b>Total:</b>	3,899	1,837	313	0	0	0	0	0	6,049

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Outage Management System Phase II Implementation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9967
<b>Start/End Date:</b>	2017-2018	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other
<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>	\$2,006	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	1,392	614	0	0	0	0	0	2,006
<b>Total:</b>	0	1,392	614	0	0	0	0	0	2,006

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	1,392	614	0	0	0	0	0	2,006
<b>Total:</b>	0	1,392	614	0	0	0	0	0	2,006

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	1,392	614	0	0	0	0	0	2,006
<b>Total:</b>	0	1,392	614	0	0	0	0	0	2,006

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**PCB Tracking and Condition Assessment Project**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9974
<b>Start/End Date:</b>	2017-2019	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C3 Distribution - Radial
<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>	\$5,195	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	500	3,357	1,338	0	0	0	0	5,195
<b>Total:</b>	0	500	3,357	1,338	0	0	0	0	5,195

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	500	3,357	1,338	0	0	0	0	5,195
<b>Total:</b>	0	500	3,357	1,338	0	0	0	0	5,195

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	500	3,357	1,338	0	0	0	0	5,195
<b>Total:</b>	0	500	3,357	1,338	0	0	0	0	5,195

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**PeopleSoft Reimplementation - City Light**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9970
<b>Start/End Date:</b>	2015-2018	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems
<b>Current Project Stage:</b>	Execution	<b>Location:</b>	System Wide
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Citywide
<b>Total Project Cost:</b>	\$27,453	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	6,951	17,816	2,686	0	0	0	0	0	27,453
<b>Total:</b>	6,951	17,816	2,686	0	0	0	0	0	27,453

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	6,951	17,816	2,686	0	0	0	0	0	27,453
<b>Total:</b>	6,951	17,816	2,686	0	0	0	0	0	27,453

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	6,951	17,816	2,686	0	0	0	0	0	27,453
<b>Total:</b>	6,951	17,816	2,686	0	0	0	0	0	27,453

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Power Production - Network Controls**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6385
<b>Start/End Date:</b>	2007-2020	<b>BCL/Program Code:</b>	SCL250-A4
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	A4 Power Supply - Power Supply Other
<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>	\$8,695	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	5,505	1,034	890	1,048	218	0	0	0	8,695
<b>Total:</b>	5,505	1,034	890	1,048	218	0	0	0	8,695

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,505	1,034	890	1,048	218	0	0	0	8,695
<b>Total:</b>	5,505	1,034	890	1,048	218	0	0	0	8,695

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	5,505	1,034	890	1,048	218	0	0	0	8,695
<b>Total:</b>	5,505	1,034	890	1,048	218	0	0	0	8,695

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Management System Implementation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9973
<b>Start/End Date:</b>	2021-2022	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other
<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>	3
<b>Total Project Cost:</b>	\$3,005	<b>Urban Village:</b>	Not in an Urban Village

This project funds obtaining, configuring, and implementing an enterprise project management system to help manage, track, and report on City Light projects, programs, and portfolios. This project creates a central location to manage project schedules, risks, issues, documents, action items. It supports City Light's goals of improving project management practices across the organization.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	2,003	1,002	0	3,005
<b>Total:</b>	0	0	0	0	0	2,003	1,002	0	3,005

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	2,003	1,002	0	3,005
<b>Total:</b>	0	0	0	0	0	2,003	1,002	0	3,005

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	2,003	1,002	0	3,005
<b>Total:</b>	0	0	0	0	0	2,003	1,002	0	3,005

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Ross - Exciters 41-44**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6564
<b>Start/End Date:</b>	2018-2021	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$4,266	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	165	3,194	214	693	0	0	4,266
<b>Total:</b>	0	0	165	3,194	214	693	0	0	4,266

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	165	3,194	214	693	0	0	4,266
<b>Total:</b>	0	0	165	3,194	214	693	0	0	4,266

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	165	3,194	214	693	0	0	4,266
<b>Total:</b>	0	0	165	3,194	214	693	0	0	4,266

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 - Governors**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6562
<b>Start/End Date:</b>	2015-2020	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$6,303	<b>Urban Village:</b>	Outside Seattle City

This project replaces Governors and Exciters on all four of the Ross Powerhouse generating units.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

City Light Fund Revenues	358	879	555	1,062	3,449	0	0	0	6,303
<b>Total:</b>	358	879	555	1,062	3,449	0	0	0	6,303

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	358	879	555	1,062	3,449	0	0	0	6,303
<b>Total:</b>	358	879	555	1,062	3,449	0	0	0	6,303

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

City Light Fund	358	879	555	1,062	3,449	0	0	0	6,303
<b>Total:</b>	358	879	555	1,062	3,449	0	0	0	6,303

			2018	2019	2020	2021	2022	2023	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>	6577
<b>Start/End Date:</b>	2017-2021	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$5,220	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	106	0	109	4,784	221	0	0	5,220
<b>Total:</b>	0	106	0	109	4,784	221	0	0	5,220

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	106	0	109	4,784	221	0	0	5,220
<b>Total:</b>	0	106	0	109	4,784	221	0	0	5,220

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	106	0	109	4,784	221	0	0	5,220
<b>Total:</b>	0	106	0	109	4,784	221	0	0	5,220

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	6373
<b>Start/End Date:</b>	2005-2020	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$11,181	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	2,231	841	1,481	3,932	2,696	0	0	0	11,181
<b>Total:</b>	2,231	841	1,481	3,932	2,696	0	0	0	11,181

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,231	841	1,481	3,932	2,696	0	0	0	11,181
<b>Total:</b>	2,231	841	1,481	3,932	2,696	0	0	0	11,181

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	2,231	841	1,481	3,932	2,696	0	0	0	11,181
<b>Total:</b>	2,231	841	1,481	3,932	2,696	0	0	0	11,181

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Ross Powerhouse - Programmable Language Controller Upgrade**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6376
<b>Start/End Date:</b>	2008-2019	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$717	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	95	454	140	28	0	0	0	0	717
<b>Total:</b>	95	454	140	28	0	0	0	0	717

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	95	454	140	28	0	0	0	0	717
<b>Total:</b>	95	454	140	28	0	0	0	0	717

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	95	454	140	28	0	0	0	0	717
<b>Total:</b>	95	454	140	28	0	0	0	0	717

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Powerhouse - Replace Transformer Banks 42 and 44**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6541
<b>Start/End Date:</b>	2015-2018	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Ross Powehouse
<b>Neighborhood District:</b>	Outside City of Seattle	<b>Council District:</b>	Outside City of Seattle
<b>Total Project Cost:</b>	\$21,158	<b>Urban Village:</b>	Outside Seattle City

This project provides the design and installation of two new step-up power transformer banks at Ross Powerhouse to replace the sixty-year-old units that have exceeded their useful life and have shown indications of failure.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	10,289	10,743	126	0	0	0	0	0	21,158
<b>Total:</b>	10,289	10,743	126	0	0	0	0	0	21,158

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	10,289	10,743	126	0	0	0	0	0	21,158
<b>Total:</b>	10,289	10,743	126	0	0	0	0	0	21,158

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	10,289	10,743	126	0	0	0	0	0	21,158
<b>Total:</b>	10,289	10,743	126	0	0	0	0	0	21,158

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2018 - 2023 Proposed Capital Improvement Program**



**Seattle Waterfront Streetlight Installation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8481
<b>Start/End Date:</b>	2017-2022	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions
<b>Current Project Stage:</b>	Design	<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>	\$16,448	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	300	308	421	5,386	5,515	4,518	0	16,448
<b>Total:</b>	0	300	308	421	5,386	5,515	4,518	0	16,448

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	300	308	421	5,386	5,515	4,518	0	16,448
<b>Total:</b>	0	300	308	421	5,386	5,515	4,518	0	16,448

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	300	308	421	5,386	5,515	4,518	0	16,448
<b>Total:</b>	0	300	308	421	5,386	5,515	4,518	0	16,448

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Service Center Development Project**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9232
<b>Start/End Date:</b>	2021-2022	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	TBD
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	TBD
<b>Total Project Cost:</b>	\$100,043	<b>Urban Village:</b>	Not in an Urban Village

This project provides a Service Center Master Plan to revitalize City Light's customer service centers. A phase one report has been prepared that identifies preliminary options and associated costs, and further work is needed to refine the findings of this report to an actionable set of recommendations. In order to manage the financial impact of this initiative, major development is not anticipated to occur until 2019.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	0	0	0	59,705	40,338	0	100,043
<b>Total:</b>	0	0	0	0	0	59,705	40,338	0	100,043

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	0	0	0	59,705	40,338	0	100,043
<b>Total:</b>	0	0	0	0	0	59,705	40,338	0	100,043

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	0	0	0	59,705	40,338	0	100,043
<b>Total:</b>	0	0	0	0	0	59,705	40,338	0	100,043

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2018 - 2023 Proposed Capital Improvement Program**

**Skagit - Babcock Creek Crossing**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6514
<b>Start/End Date:</b>	2015-2020	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$1,409	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	194	59	59	1,096	1	0	0	0	1,409
<b>Total:</b>	194	59	59	1,096	1	0	0	0	1,409

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	194	59	59	1,096	1	0	0	0	1,409
<b>Total:</b>	194	59	59	1,096	1	0	0	0	1,409

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	194	59	59	1,096	1	0	0	0	1,409
<b>Total:</b>	194	59	59	1,096	1	0	0	0	1,409

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 - Boat Facility Improvements**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6540
<b>Start/End Date:</b>	2015-2019	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$4,438	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	267	1,663	2,443	65	0	0	0	0	4,438
<b>Total:</b>	267	1,663	2,443	65	0	0	0	0	4,438

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	267	1,663	2,443	65	0	0	0	0	4,438
<b>Total:</b>	267	1,663	2,443	65	0	0	0	0	4,438

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	267	1,663	2,443	65	0	0	0	0	4,438
<b>Total:</b>	267	1,663	2,443	65	0	0	0	0	4,438

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Skagit - Facilities Energy Conservation Program**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6515
<b>Start/End Date:</b>	2012-2018	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$9,464	<b>Urban Village:</b>	Outside Seattle City

This project provides funding for structural improvements to existing facilities at Skagit, both residential and commercial. It replaces lights, windows, and HVAC systems, insulates buildings, and performs related work. The project dramatically reduces the amount of energy expended to keep structures warm or cool depending upon the season.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	5,318	3,117	1,029	0	0	0	0	0	9,464
<b>Total:</b>	5,318	3,117	1,029	0	0	0	0	0	9,464

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,318	3,117	1,029	0	0	0	0	0	9,464
<b>Total:</b>	5,318	3,117	1,029	0	0	0	0	0	9,464

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	5,318	3,117	1,029	0	0	0	0	0	9,464
<b>Total:</b>	5,318	3,117	1,029	0	0	0	0	0	9,464

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Skagit - Sewer System Rehabilitation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6232
<b>Start/End Date:</b>	2015-2020	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$9,215	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	4,960	703	549	2,838	165	0	0	0	9,215
<b>Total:</b>	4,960	703	549	2,838	165	0	0	0	9,215

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	4,960	703	549	2,838	165	0	0	0	9,215
<b>Total:</b>	4,960	703	549	2,838	165	0	0	0	9,215

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	4,960	703	549	2,838	165	0	0	0	9,215
<b>Total:</b>	4,960	703	549	2,838	165	0	0	0	9,215

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	6520
<b>Start/End Date:</b>	2010-2020	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$8,904	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	2,844	1,517	1,860	1,583	1,100	0	0	0	8,904
<b>Total:</b>	2,844	1,517	1,860	1,583	1,100	0	0	0	8,904

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,844	1,517	1,860	1,583	1,100	0	0	0	8,904
<b>Total:</b>	2,844	1,517	1,860	1,583	1,100	0	0	0	8,904

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	2,844	1,517	1,860	1,583	1,100	0	0	0	8,904
<b>Total:</b>	2,844	1,517	1,860	1,583	1,100	0	0	0	8,904

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Skagit Powerhouses - Install Protection Relays**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6415
<b>Start/End Date:</b>	2005-2022	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
<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>	\$13,026	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	4,514	800	1,400	1,851	1,956	1,487	1,018	0	13,026
<b>Total:</b>	4,514	800	1,400	1,851	1,956	1,487	1,018	0	13,026

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	4,514	800	1,400	1,851	1,956	1,487	1,018	0	13,026
<b>Total:</b>	4,514	800	1,400	1,851	1,956	1,487	1,018	0	13,026

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	4,514	800	1,400	1,851	1,956	1,487	1,018	0	13,026
<b>Total:</b>	4,514	800	1,400	1,851	1,956	1,487	1,018	0	13,026

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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



**SMT AutoLab**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	6600
<b>Start/End Date:</b>	2017-2020	<b>BCL/Program Code:</b>	SCL250-A4
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	A4 Power Supply - Power Supply Other
<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>	\$1,031	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	273	0	277	481	0	0	0	1,031
<b>Total:</b>	0	273	0	277	481	0	0	0	1,031

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	273	0	277	481	0	0	0	1,031
<b>Total:</b>	0	273	0	277	481	0	0	0	1,031

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	273	0	277	481	0	0	0	1,031
<b>Total:</b>	0	273	0	277	481	0	0	0	1,031

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Solar Microgrid for Resilience**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9238
<b>Start/End Date:</b>	2016-2018	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	New Investment	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
<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>	\$4,141	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	3,612	529	0	0	0	0	0	4,141
<b>Total:</b>	0	3,612	529	0	0	0	0	0	4,141
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	3,612	529	0	0	0	0	0	4,141
<b>Total:</b>	0	3,612	529	0	0	0	0	0	4,141
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	3,612	529	0	0	0	0	0	4,141
<b>Total:</b>	0	3,612	529	0	0	0	0	0	4,141

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Sound Transit - City Light System Upgrades**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8475
<b>Start/End Date:</b>	2017-2021	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations
<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>	\$1,828	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	148	0	0	330	1,350	0	0	1,828
<b>Total:</b>	0	148	0	0	330	1,350	0	0	1,828

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	148	0	0	330	1,350	0	0	1,828
<b>Total:</b>	0	148	0	0	330	1,350	0	0	1,828

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	148	0	0	330	1,350	0	0	1,828
<b>Total:</b>	0	148	0	0	330	1,350	0	0	1,828

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Sound Transit Light Rail East Link - City Light**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8450
<b>Start/End Date:</b>	2011-2018	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations
<b>Current Project Stage:</b>	Design	<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>	\$2,258	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	109	1,585	564	0	0	0	0	0	2,258
<b>Total:</b>	109	1,585	564	0	0	0	0	0	2,258

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	109	1,585	564	0	0	0	0	0	2,258
<b>Total:</b>	109	1,585	564	0	0	0	0	0	2,258

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	109	1,585	564	0	0	0	0	0	2,258
<b>Total:</b>	109	1,585	564	0	0	0	0	0	2,258

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Sound Transit Lynnwood - City Light**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8471
<b>Start/End Date:</b>	2015-2022	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations
<b>Current Project Stage:</b>	Design	<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>	\$9,506	<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, ?business as usual.?

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	166	1,473	1,604	1,513	2,113	1,976	661	0	9,506
<b>Total:</b>	166	1,473	1,604	1,513	2,113	1,976	661	0	9,506

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	166	1,473	1,604	1,513	2,113	1,976	661	0	9,506
<b>Total:</b>	166	1,473	1,604	1,513	2,113	1,976	661	0	9,506

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	166	1,473	1,604	1,513	2,113	1,976	661	0	9,506
<b>Total:</b>	166	1,473	1,604	1,513	2,113	1,976	661	0	9,506

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Sound Transit Northlink - City Light**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8427
<b>Start/End Date:</b>	2010-2018	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	University District / Roosevelt / Northgate
<b>Neighborhood District:</b>	Northwest	<b>Council District:</b>	5
<b>Total Project Cost:</b>	\$6,936	<b>Urban Village:</b>	Multiple

This project provides management and construction of SCL's utility relocations and feeder construction needed for Sound Transit to build the North Link light rail line to the proposed Sound Transit Northgate Station, from the University of Washington Station, as part of the design and construction agreements made between the City of Seattle and Sound Transit.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	4,411	2,500	25	0	0	0	0	0	6,936
<b>Total:</b>	4,411	2,500	25	0	0	0	0	0	6,936

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	4,411	2,500	25	0	0	0	0	0	6,936
<b>Total:</b>	4,411	2,500	25	0	0	0	0	0	6,936

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	4,411	2,500	25	0	0	0	0	0	6,936
<b>Total:</b>	4,411	2,500	25	0	0	0	0	0	6,936

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**State Route 520 Bridge Relocations**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8435
<b>Start/End Date:</b>	2017-2021	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations
<b>Current Project Stage:</b>	Design	<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>	\$894	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

City Light Fund Revenues	30	597	92	108	45	22	0	0	894
<b>Total:</b>	30	597	92	108	45	22	0	0	894

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	30	597	92	108	45	22	0	0	894
<b>Total:</b>	30	597	92	108	45	22	0	0	894

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

City Light Fund	30	597	92	108	45	22	0	0	894
<b>Total:</b>	30	597	92	108	45	22	0	0	894

			2018	2019	2020	2021	2022	2023	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.



**Technical Training Center Development**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9230
<b>Start/End Date:</b>	2015-2019	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
<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>	\$14,659	<b>Urban Village:</b>	Not in an Urban Village

The project provides Seattle City Light with a dedicated, state-of-art Technical Training Center that provides educational needs for classroom instruction and field experience training opportunities for entry-level as well as seasoned Utility service workers of SCL. The chosen site for the Technical Training Center is on an undeveloped parcel of land, west of the Duwamish River and north of the Duwamish Substation, located at 10,000 West Marginal Place South, Tukwila, WA 98108 in unincorporated King County. The classroom building, a single story, wood-framed structure, houses a number of instructional classrooms, hands-on learning environments and building support areas. The overall building's square footage is 9,000 SF and the overall training yard area is 5.75 acres. The design program focuses on flexible, hands-on instructional environments in both the Classroom Building and the Yard. These spaces include: three flexible Classrooms, Computer Lab, Bug Room, Substation Training Area, Vault Training Area, Overhead & Underground Distribution Area, Commercial & Residential Service Area, Pole Climbing Area, Crane Training Area, Commercial License Certification Area and Civil Construction Training Area. There are several shared building support spaces required which include: Administration Office, Break Room, Kitchen, Copy Room and Restrooms.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	2,114	11,393	512	640	0	0	0	0	14,659
<b>Total:</b>	2,114	11,393	512	640	0	0	0	0	14,659

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,114	11,393	512	640	0	0	0	0	14,659
<b>Total:</b>	2,114	11,393	512	640	0	0	0	0	14,659

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	2,114	11,393	512	640	0	0	0	0	14,659
<b>Total:</b>	2,114	11,393	512	640	0	0	0	0	14,659

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Transmission Line Inductor Installation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8461
<b>Start/End Date:</b>	2015-2019	<b>BCL/Program Code:</b>	SCL360-B1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	B1 Transmission - Transmission
<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>	\$27,707	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	4,351	11,476	7,580	4,300	0	0	0	0	27,707
<b>Total:</b>	4,351	11,476	7,580	4,300	0	0	0	0	27,707

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	4,351	11,476	7,580	4,300	0	0	0	0	27,707
<b>Total:</b>	4,351	11,476	7,580	4,300	0	0	0	0	27,707

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	4,351	11,476	7,580	4,300	0	0	0	0	27,707
<b>Total:</b>	4,351	11,476	7,580	4,300	0	0	0	0	27,707

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Line Reconductoring**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	8462
<b>Start/End Date:</b>	2015-2019	<b>BCL/Program Code:</b>	SCL360-B1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	B1 Transmission - Transmission
<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>	\$4,975	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	376	3,718	728	153	0	0	0	0	4,975
<b>Total:</b>	376	3,718	728	153	0	0	0	0	4,975

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	376	3,718	728	153	0	0	0	0	4,975
<b>Total:</b>	376	3,718	728	153	0	0	0	0	4,975

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	376	3,718	728	153	0	0	0	0	4,975
<b>Total:</b>	376	3,718	728	153	0	0	0	0	4,975

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Western Energy Imbalance Market**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	9976
<b>Start/End Date:</b>	2017-2019	<b>BCL/Program Code:</b>	SCL250-A4
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A4 Power Supply - Power Supply Other
<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>	\$14,679	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

City Light Fund Revenues	0	3,470	9,464	1,745	0	0	0	0	14,679
<b>Total:</b>	0	3,470	9,464	1,745	0	0	0	0	14,679

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	0	3,470	9,464	1,745	0	0	0	0	14,679
<b>Total:</b>	0	3,470	9,464	1,745	0	0	0	0	14,679

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

City Light Fund	0	3,470	9,464	1,745	0	0	0	0	14,679
<b>Total:</b>	0	3,470	9,464	1,745	0	0	0	0	14,679

	2018	2019	2020	2021	2022	2023	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.

**2018 - 2023 Proposed Capital Improvement Program**

**Battery Storage Pilot**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8484
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	501	501	2,003	0	0	0	0	3,005
<b>Total:</b>	0	501	501	2,003	0	0	0	0	3,005

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	501	501	2,003	0	0	0	0	3,005
<b>Total:</b>	0	501	501	2,003	0	0	0	0	3,005

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	501	501	2,003	0	0	0	0	3,005
<b>Total:</b>	0	501	501	2,003	0	0	0	0	3,005

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Boundary - Licensing Mitigation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	6987
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	New Investment	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
		<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 (PME) required by the terms and conditions of a settlement agreement and new license to be issued by the Federal Energy Regulatory Commission (FERC). 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	39,569	39,797	25,593	20,537	16,293	13,501	11,960	8,291	175,541
<b>Total:</b>	39,569	39,797	25,593	20,537	16,293	13,501	11,960	8,291	175,541

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	39,569	39,797	25,593	20,537	16,293	13,501	11,960	8,291	175,541
<b>Total:</b>	39,569	39,797	25,593	20,537	16,293	13,501	11,960	8,291	175,541

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	39,569	39,797	25,593	20,537	16,293	13,501	11,960	8,291	175,541
<b>Total:</b>	39,569	39,797	25,593	20,537	16,293	13,501	11,960	8,291	175,541

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Facility - Minor Improvements Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	6401
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A1 Power Supply - Boundary
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	20,736	1,601	1,585	1,569	5,702	7,267	12,124	14,900	65,484
<b>Total:</b>	20,736	1,601	1,585	1,569	5,702	7,267	12,124	14,900	65,484

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	20,736	1,601	1,585	1,569	5,702	7,267	12,124	14,900	65,484
<b>Total:</b>	20,736	1,601	1,585	1,569	5,702	7,267	12,124	14,900	65,484

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	20,736	1,601	1,585	1,569	5,702	7,267	12,124	14,900	65,484
<b>Total:</b>	20,736	1,601	1,585	1,569	5,702	7,267	12,124	14,900	65,484

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Broad Street Substation - Network**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8203
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C2 Distribution - Network
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	89,822	12,702	3,983	3,685	4,591	8,920	3,019	3,059	129,781
<b>Total:</b>	89,822	12,702	3,983	3,685	4,591	8,920	3,019	3,059	129,781

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	89,822	12,702	3,983	3,685	4,591	8,920	3,019	3,059	129,781
<b>Total:</b>	89,822	12,702	3,983	3,685	4,591	8,920	3,019	3,059	129,781

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	89,822	12,702	3,983	3,685	4,591	8,920	3,019	3,059	129,781
<b>Total:</b>	89,822	12,702	3,983	3,685	4,591	8,920	3,019	3,059	129,781

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Broadband - City Light**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8465
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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 utility crews and engineers to prepare City Light poles for the attachment of other communication infrastructure. This project is merged with project 8452 Pole Attachments.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	5,866	7,551	35	0	0	0	0	0	13,452
<b>Total:</b>	5,866	7,551	35	0	0	0	0	0	13,452

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,866	7,551	35	0	0	0	0	0	13,452
<b>Total:</b>	5,866	7,551	35	0	0	0	0	0	13,452

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	5,866	7,551	35	0	0	0	0	0	13,452
<b>Total:</b>	5,866	7,551	35	0	0	0	0	0	13,452

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Building Envelope Upgrades**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9072
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	8,697	2,247	1,619	1,259	1,271	1,301	1,332	7	17,733
<b>Total:</b>	8,697	2,247	1,619	1,259	1,271	1,301	1,332	7	17,733

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	8,697	2,247	1,619	1,259	1,271	1,301	1,332	7	17,733
<b>Total:</b>	8,697	2,247	1,619	1,259	1,271	1,301	1,332	7	17,733

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	8,697	2,247	1,619	1,259	1,271	1,301	1,332	7	17,733
<b>Total:</b>	8,697	2,247	1,619	1,259	1,271	1,301	1,332	7	17,733

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Call Center Improvements - City Light**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9972
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-E1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E1 Central Utility Projects - Customer and Billing
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	501	503	53	215	110	226	58	1,666
<b>Total:</b>	0	501	503	53	215	110	226	58	1,666

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	501	503	53	215	110	226	58	1,666
<b>Total:</b>	0	501	503	53	215	110	226	58	1,666

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	501	503	53	215	110	226	58	1,666
<b>Total:</b>	0	501	503	53	215	110	226	58	1,666

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Cedar Falls/South Fork Tolt - Minor Improvements Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	6406
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	8,044	2,513	1,890	1,195	2,276	2,874	2,935	0	21,727
<b>Total:</b>	8,044	2,513	1,890	1,195	2,276	2,874	2,935	0	21,727

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	8,044	2,513	1,890	1,195	2,276	2,874	2,935	0	21,727
<b>Total:</b>	8,044	2,513	1,890	1,195	2,276	2,874	2,935	0	21,727

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	8,044	2,513	1,890	1,195	2,276	2,874	2,935	0	21,727
<b>Total:</b>	8,044	2,513	1,890	1,195	2,276	2,874	2,935	0	21,727

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Citywide Undergrounding Initiative - City Light**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8403
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	3	10	10	11	11	11	12	12	80
<b>Total:</b>	3	10	10	11	11	11	12	12	80

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3	10	10	11	11	11	12	12	80
<b>Total:</b>	3	10	10	11	11	11	12	12	80

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	3	10	10	11	11	11	12	12	80
<b>Total:</b>	3	10	10	11	11	11	12	12	80

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Communications Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9009
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	12,860	1,665	948	899	901	962	842	1,085	20,162
<b>Total:</b>	12,860	1,665	948	899	901	962	842	1,085	20,162

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	12,860	1,665	948	899	901	962	842	1,085	20,162
<b>Total:</b>	12,860	1,665	948	899	901	962	842	1,085	20,162

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	12,860	1,665	948	899	901	962	842	1,085	20,162
<b>Total:</b>	12,860	1,665	948	899	901	962	842	1,085	20,162

		2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Dam Safety Part 12 Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	6626
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-A4
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A4 Power Supply - Power Supply Other
		<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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	451	256	263	215	220	226	0	1,631
<b>Total:</b>	0	451	256	263	215	220	226	0	1,631

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	451	256	263	215	220	226	0	1,631
<b>Total:</b>	0	451	256	263	215	220	226	0	1,631

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	451	256	263	215	220	226	0	1,631
<b>Total:</b>	0	451	256	263	215	220	226	0	1,631

		2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Denny Substation - Network**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8404
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C2 Distribution - Network
		<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. This project relates Project 7757, Denny Substation Development and Project 8405, Denny Network Services and Additions whose objective is customer hookups via the network to the new substation.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	13,414	38,949	5,896	3,549	10,724	12,204	11,011	11,246	106,993
<b>Total:</b>	13,414	38,949	5,896	3,549	10,724	12,204	11,011	11,246	106,993

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	13,414	38,949	5,896	3,549	10,724	12,204	11,011	11,246	106,993
<b>Total:</b>	13,414	38,949	5,896	3,549	10,724	12,204	11,011	11,246	106,993

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	13,414	38,949	5,896	3,549	10,724	12,204	11,011	11,246	106,993
<b>Total:</b>	13,414	38,949	5,896	3,549	10,724	12,204	11,011	11,246	106,993

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Denny Substation Tenant Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9235
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	20	5,254	1,362	24	0	0	0	0	6,660
<b>Total:</b>	20	5,254	1,362	24	0	0	0	0	6,660

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	20	5,254	1,362	24	0	0	0	0	6,660
<b>Total:</b>	20	5,254	1,362	24	0	0	0	0	6,660

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	20	5,254	1,362	24	0	0	0	0	6,660
<b>Total:</b>	20	5,254	1,362	24	0	0	0	0	6,660

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

**Distribution Area Communications Networks**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9307
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	22,626	1,340	2,681	2,581	2,909	2,807	2,028	2,057	39,029
<b>Total:</b>	22,626	1,340	2,681	2,581	2,909	2,807	2,028	2,057	39,029

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	22,626	1,340	2,681	2,581	2,909	2,807	2,028	2,057	39,029
<b>Total:</b>	22,626	1,340	2,681	2,581	2,909	2,807	2,028	2,057	39,029

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	22,626	1,340	2,681	2,581	2,909	2,807	2,028	2,057	39,029
<b>Total:</b>	22,626	1,340	2,681	2,581	2,909	2,807	2,028	2,057	39,029

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Distribution Automation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8425
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

City Light Fund Revenues	5,016	4,059	2,276	2,848	2,943	2,975	1,505	3,222	24,844
<b>Total:</b>	5,016	4,059	2,276	2,848	2,943	2,975	1,505	3,222	24,844

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	5,016	4,059	2,276	2,848	2,943	2,975	1,505	3,222	24,844
<b>Total:</b>	5,016	4,059	2,276	2,848	2,943	2,975	1,505	3,222	24,844

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

City Light Fund	5,016	4,059	2,276	2,848	2,943	2,975	1,505	3,222	24,844
<b>Total:</b>	5,016	4,059	2,276	2,848	2,943	2,975	1,505	3,222	24,844

			2018	2019	2020	2021	2022	2023	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.

**2018 - 2023 Proposed Capital Improvement Program**

**Electric Vehicle Infrastructure**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9237
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	New Investment	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	1,753	1,077	53	11	0	0	0	2,894
<b>Total:</b>	0	1,753	1,077	53	11	0	0	0	2,894

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	1,753	1,077	53	11	0	0	0	2,894
<b>Total:</b>	0	1,753	1,077	53	11	0	0	0	2,894

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	1,753	1,077	53	11	0	0	0	2,894
<b>Total:</b>	0	1,753	1,077	53	11	0	0	0	2,894

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Endangered Species Act Mitigation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	6990
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-A4
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A4 Power Supply - Power Supply Other
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	15,996	1,721	1,108	1,130	1,152	1,175	1,198	1,219	24,699
<b>Total:</b>	15,996	1,721	1,108	1,130	1,152	1,175	1,198	1,219	24,699

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	15,996	1,721	1,108	1,130	1,152	1,175	1,198	1,219	24,699
<b>Total:</b>	15,996	1,721	1,108	1,130	1,152	1,175	1,198	1,219	24,699

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	15,996	1,721	1,108	1,130	1,152	1,175	1,198	1,219	24,699
<b>Total:</b>	15,996	1,721	1,108	1,130	1,152	1,175	1,198	1,219	24,699

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Energy Conservation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9320
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	3,289	703	325	115	114	116	119	2	4,783
<b>Total:</b>	3,289	703	325	115	114	116	119	2	4,783

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3,289	703	325	115	114	116	119	2	4,783
<b>Total:</b>	3,289	703	325	115	114	116	119	2	4,783

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	3,289	703	325	115	114	116	119	2	4,783
<b>Total:</b>	3,289	703	325	115	114	116	119	2	4,783

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Environmental Safeguarding and Remediation of Facilities**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9152
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	1,329	92	96	57	58	59	60	0	1,751
<b>Total:</b>	1,329	92	96	57	58	59	60	0	1,751

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,329	92	96	57	58	59	60	0	1,751
<b>Total:</b>	1,329	92	96	57	58	59	60	0	1,751

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	1,329	92	96	57	58	59	60	0	1,751
<b>Total:</b>	1,329	92	96	57	58	59	60	0	1,751

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Equipment Fleet Replacement**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9101
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	95,021	11,875	7,639	7,178	7,182	7,185	10,037	8,867	154,984
<b>Total:</b>	95,021	11,875	7,639	7,178	7,182	7,185	10,037	8,867	154,984

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	95,021	11,875	7,639	7,178	7,182	7,185	10,037	8,867	154,984
<b>Total:</b>	95,021	11,875	7,639	7,178	7,182	7,185	10,037	8,867	154,984

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	95,021	11,875	7,639	7,178	7,182	7,185	10,037	8,867	154,984
<b>Total:</b>	95,021	11,875	7,639	7,178	7,182	7,185	10,037	8,867	154,984

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Facilities Infrastructure Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9156
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	4,389	655	453	64	63	64	66	0	5,754
<b>Total:</b>	4,389	655	453	64	63	64	66	0	5,754

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	4,389	655	453	64	63	64	66	0	5,754
<b>Total:</b>	4,389	655	453	64	63	64	66	0	5,754

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	4,389	655	453	64	63	64	66	0	5,754
<b>Total:</b>	4,389	655	453	64	63	64	66	0	5,754

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Facilities Regulatory Compliance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9151
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	1,629	482	334	342	350	359	367	0	3,863
<b>Total:</b>	1,629	482	334	342	350	359	367	0	3,863

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,629	482	334	342	350	359	367	0	3,863
<b>Total:</b>	1,629	482	334	342	350	359	367	0	3,863

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	1,629	482	334	342	350	359	367	0	3,863
<b>Total:</b>	1,629	482	334	342	350	359	367	0	3,863

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**First Hill - Network**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8301
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C2 Distribution - Network
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	16,251	3,267	1,087	2,698	2,730	2,022	5,034	5,150	38,239
<b>Total:</b>	16,251	3,267	1,087	2,698	2,730	2,022	5,034	5,150	38,239

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	16,251	3,267	1,087	2,698	2,730	2,022	5,034	5,150	38,239
<b>Total:</b>	16,251	3,267	1,087	2,698	2,730	2,022	5,034	5,150	38,239

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	16,251	3,267	1,087	2,698	2,730	2,022	5,034	5,150	38,239
<b>Total:</b>	16,251	3,267	1,087	2,698	2,730	2,022	5,034	5,150	38,239

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Hydro Project Spill Containment**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	6530
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-A4
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A4 Power Supply - Power Supply Other
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	2,044	885	364	848	817	0	0	0	4,958
<b>Total:</b>	2,044	885	364	848	817	0	0	0	4,958

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,044	885	364	848	817	0	0	0	4,958
<b>Total:</b>	2,044	885	364	848	817	0	0	0	4,958

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	2,044	885	364	848	817	0	0	0	4,958
<b>Total:</b>	2,044	885	364	848	817	0	0	0	4,958

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Information Technology Infrastructure**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9915
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	49,931	2,901	513	504	502	501	501	501	55,854
<b>Total:</b>	49,931	2,901	513	504	502	501	501	501	55,854
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	49,931	2,901	513	504	502	501	501	501	55,854
<b>Total:</b>	49,931	2,901	513	504	502	501	501	501	55,854
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	49,931	2,901	513	504	502	501	501	501	55,854
<b>Total:</b>	49,931	2,901	513	504	502	501	501	501	55,854
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**IT Security Upgrades**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9960
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems
		<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

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.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	3,793	569	1,119	1,146	1,174	918	689	705	10,113
<b>Total:</b>	3,793	569	1,119	1,146	1,174	918	689	705	10,113

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3,793	569	1,119	1,146	1,174	918	689	705	10,113
<b>Total:</b>	3,793	569	1,119	1,146	1,174	918	689	705	10,113

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	3,793	569	1,119	1,146	1,174	918	689	705	10,113
<b>Total:</b>	3,793	569	1,119	1,146	1,174	918	689	705	10,113

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

\* 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>	8365
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C4 Distribution - Service Connections
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	22,108	3,083	3,065	4,194	3,284	5,079	6,442	6,589	53,844
<b>Total:</b>	22,108	3,083	3,065	4,194	3,284	5,079	6,442	6,589	53,844

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	22,108	3,083	3,065	4,194	3,284	5,079	6,442	6,589	53,844
<b>Total:</b>	22,108	3,083	3,065	4,194	3,284	5,079	6,442	6,589	53,844

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	22,108	3,083	3,065	4,194	3,284	5,079	6,442	6,589	53,844
<b>Total:</b>	22,108	3,083	3,065	4,194	3,284	5,079	6,442	6,589	53,844

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Major Emergency**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8380
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C4 Distribution - Service Connections
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	3,130	262	264	792	809	1,401	1,432	529	8,619
<b>Total:</b>	3,130	262	264	792	809	1,401	1,432	529	8,619

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3,130	262	264	792	809	1,401	1,432	529	8,619
<b>Total:</b>	3,130	262	264	792	809	1,401	1,432	529	8,619

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	3,130	262	264	792	809	1,401	1,432	529	8,619
<b>Total:</b>	3,130	262	264	792	809	1,401	1,432	529	8,619

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Massachusetts Street Substation - Networks**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8202
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C2 Distribution - Network
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	36,933	4,150	4,206	4,108	4,436	3,194	4,805	5,090	66,922
<b>Total:</b>	36,933	4,150	4,206	4,108	4,436	3,194	4,805	5,090	66,922

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	36,933	4,150	4,206	4,108	4,436	3,194	4,805	5,090	66,922
<b>Total:</b>	36,933	4,150	4,206	4,108	4,436	3,194	4,805	5,090	66,922

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	36,933	4,150	4,206	4,108	4,436	3,194	4,805	5,090	66,922
<b>Total:</b>	36,933	4,150	4,206	4,108	4,436	3,194	4,805	5,090	66,922

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Medium Overhead and Underground Services**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8366
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C4 Distribution - Service Connections
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	112,434	15,845	14,388	11,567	11,780	12,288	15,683	14,518	208,503
<b>Total:</b>	112,434	15,845	14,388	11,567	11,780	12,288	15,683	14,518	208,503

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	112,434	15,845	14,388	11,567	11,780	12,288	15,683	14,518	208,503
<b>Total:</b>	112,434	15,845	14,388	11,567	11,780	12,288	15,683	14,518	208,503

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	112,434	15,845	14,388	11,567	11,780	12,288	15,683	14,518	208,503
<b>Total:</b>	112,434	15,845	14,388	11,567	11,780	12,288	15,683	14,518	208,503

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Meter Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8054
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C4 Distribution - Service Connections
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	69,988	2,282	2,351	2,792	2,840	3,013	3,065	2,800	89,131
<b>Total:</b>	69,988	2,282	2,351	2,792	2,840	3,013	3,065	2,800	89,131

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	69,988	2,282	2,351	2,792	2,840	3,013	3,065	2,800	89,131
<b>Total:</b>	69,988	2,282	2,351	2,792	2,840	3,013	3,065	2,800	89,131

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	69,988	2,282	2,351	2,792	2,840	3,013	3,065	2,800	89,131
<b>Total:</b>	69,988	2,282	2,351	2,792	2,840	3,013	3,065	2,800	89,131

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	9007
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	13,201	1,918	2,212	2,305	3,749	3,828	3,901	2,543	33,657
<b>Total:</b>	13,201	1,918	2,212	2,305	3,749	3,828	3,901	2,543	33,657

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	13,201	1,918	2,212	2,305	3,749	3,828	3,901	2,543	33,657
<b>Total:</b>	13,201	1,918	2,212	2,305	3,749	3,828	3,901	2,543	33,657

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	13,201	1,918	2,212	2,305	3,749	3,828	3,901	2,543	33,657
<b>Total:</b>	13,201	1,918	2,212	2,305	3,749	3,828	3,901	2,543	33,657

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Neighborhood Voluntary Undergrounding Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8383
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-D3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	D3 External Projects - Customer Other
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	277	8	15	15	15	15	15	15	375
<b>Total:</b>	277	8	15	15	15	15	15	15	375

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	277	8	15	15	15	15	15	15	375
<b>Total:</b>	277	8	15	15	15	15	15	15	375

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	277	8	15	15	15	15	15	15	375
<b>Total:</b>	277	8	15	15	15	15	15	15	375

		2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Network Additions and Services - Denny**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8405
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C4 Distribution - Service Connections
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	4,676	3,311	2,836	2,691	2,453	3,086	4,865	5,241	29,159
<b>Total:</b>	4,676	3,311	2,836	2,691	2,453	3,086	4,865	5,241	29,159

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	4,676	3,311	2,836	2,691	2,453	3,086	4,865	5,241	29,159
<b>Total:</b>	4,676	3,311	2,836	2,691	2,453	3,086	4,865	5,241	29,159

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	4,676	3,311	2,836	2,691	2,453	3,086	4,865	5,241	29,159
<b>Total:</b>	4,676	3,311	2,836	2,691	2,453	3,086	4,865	5,241	29,159

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Network Additions and Services: Broad Street Substation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8363
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C4 Distribution - Service Connections
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	61,489	11,612	7,200	7,144	7,279	7,537	7,423	7,979	117,663
<b>Total:</b>	61,489	11,612	7,200	7,144	7,279	7,537	7,423	7,979	117,663

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	61,489	11,612	7,200	7,144	7,279	7,537	7,423	7,979	117,663
<b>Total:</b>	61,489	11,612	7,200	7,144	7,279	7,537	7,423	7,979	117,663

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	61,489	11,612	7,200	7,144	7,279	7,537	7,423	7,979	117,663
<b>Total:</b>	61,489	11,612	7,200	7,144	7,279	7,537	7,423	7,979	117,663

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Network Additions and Svcs: First Hill, Mass, Union & Univer**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8364
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C4 Distribution - Service Connections
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	40,306	5,437	3,270	3,367	3,407	3,917	3,970	4,249	67,923
<b>Total:</b>	40,306	5,437	3,270	3,367	3,407	3,917	3,970	4,249	67,923

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	40,306	5,437	3,270	3,367	3,407	3,917	3,970	4,249	67,923
<b>Total:</b>	40,306	5,437	3,270	3,367	3,407	3,917	3,970	4,249	67,923

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	40,306	5,437	3,270	3,367	3,407	3,917	3,970	4,249	67,923
<b>Total:</b>	40,306	5,437	3,270	3,367	3,407	3,917	3,970	4,249	67,923

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Hazeltine Upgrade**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8129
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C2 Distribution - Network
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	7,144	545	572	552	778	740	742	743	11,816
<b>Total:</b>	7,144	545	572	552	778	740	742	743	11,816

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	7,144	545	572	552	778	740	742	743	11,816
<b>Total:</b>	7,144	545	572	552	778	740	742	743	11,816

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	7,144	545	572	552	778	740	742	743	11,816
<b>Total:</b>	7,144	545	572	552	778	740	742	743	11,816

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Network Maintenance Hole and Vault Rebuild**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8130
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C2 Distribution - Network
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	56,762	3,518	3,439	3,557	3,535	3,674	2,612	2,589	79,686
<b>Total:</b>	56,762	3,518	3,439	3,557	3,535	3,674	2,612	2,589	79,686

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	56,762	3,518	3,439	3,557	3,535	3,674	2,612	2,589	79,686
<b>Total:</b>	56,762	3,518	3,439	3,557	3,535	3,674	2,612	2,589	79,686

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	56,762	3,518	3,439	3,557	3,535	3,674	2,612	2,589	79,686
<b>Total:</b>	56,762	3,518	3,439	3,557	3,535	3,674	2,612	2,589	79,686

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Normal Emergency**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8379
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C4 Distribution - Service Connections
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	12,875	569	573	582	590	1,726	1,762	1,999	20,676
<b>Total:</b>	12,875	569	573	582	590	1,726	1,762	1,999	20,676

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	12,875	569	573	582	590	1,726	1,762	1,999	20,676
<b>Total:</b>	12,875	569	573	582	590	1,726	1,762	1,999	20,676

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	12,875	569	573	582	590	1,726	1,762	1,999	20,676
<b>Total:</b>	12,875	569	573	582	590	1,726	1,762	1,999	20,676

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**North and South Service Center Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9107
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	35,110	437	350	818	3,953	5,369	5,481	186	51,704
<b>Total:</b>	35,110	437	350	818	3,953	5,369	5,481	186	51,704
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	35,110	437	350	818	3,953	5,369	5,481	186	51,704
<b>Total:</b>	35,110	437	350	818	3,953	5,369	5,481	186	51,704
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	35,110	437	350	818	3,953	5,369	5,481	186	51,704
<b>Total:</b>	35,110	437	350	818	3,953	5,369	5,481	186	51,704
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Office Furniture and Equipment Purchase**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9103
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	19,543	1,022	693	1,096	1,123	1,150	1,177	0	25,804
<b>Total:</b>	19,543	1,022	693	1,096	1,123	1,150	1,177	0	25,804

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	19,543	1,022	693	1,096	1,123	1,150	1,177	0	25,804
<b>Total:</b>	19,543	1,022	693	1,096	1,123	1,150	1,177	0	25,804

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	19,543	1,022	693	1,096	1,123	1,150	1,177	0	25,804
<b>Total:</b>	19,543	1,022	693	1,096	1,123	1,150	1,177	0	25,804

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Overhead 26kV Conversion**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8358
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	16,709	2,750	1,764	1,750	1,771	1,802	1,629	1,566	29,741
<b>Total:</b>	16,709	2,750	1,764	1,750	1,771	1,802	1,629	1,566	29,741

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	16,709	2,750	1,764	1,750	1,771	1,802	1,629	1,566	29,741
<b>Total:</b>	16,709	2,750	1,764	1,750	1,771	1,802	1,629	1,566	29,741

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	16,709	2,750	1,764	1,750	1,771	1,802	1,629	1,566	29,741
<b>Total:</b>	16,709	2,750	1,764	1,750	1,771	1,802	1,629	1,566	29,741

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	8369
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	14,597	3,127	5,167	3,876	3,912	3,837	3,910	3,545	41,971
<b>Total:</b>	14,597	3,127	5,167	3,876	3,912	3,837	3,910	3,545	41,971

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	14,597	3,127	5,167	3,876	3,912	3,837	3,910	3,545	41,971
<b>Total:</b>	14,597	3,127	5,167	3,876	3,912	3,837	3,910	3,545	41,971

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	14,597	3,127	5,167	3,876	3,912	3,837	3,910	3,545	41,971
<b>Total:</b>	14,597	3,127	5,167	3,876	3,912	3,837	3,910	3,545	41,971

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Overhead Customer Driven Capacity Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8355
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	37,422	3,901	4,334	4,980	5,618	4,042	6,008	6,092	72,397
<b>Total:</b>	37,422	3,901	4,334	4,980	5,618	4,042	6,008	6,092	72,397

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	37,422	3,901	4,334	4,980	5,618	4,042	6,008	6,092	72,397
<b>Total:</b>	37,422	3,901	4,334	4,980	5,618	4,042	6,008	6,092	72,397

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	37,422	3,901	4,334	4,980	5,618	4,042	6,008	6,092	72,397
<b>Total:</b>	37,422	3,901	4,334	4,980	5,618	4,042	6,008	6,092	72,397

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Overhead Equipment Replacements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8351
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	100,805	9,740	12,384	18,028	21,068	22,184	24,970	26,917	236,096
<b>Total:</b>	100,805	9,740	12,384	18,028	21,068	22,184	24,970	26,917	236,096

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	100,805	9,740	12,384	18,028	21,068	22,184	24,970	26,917	236,096
<b>Total:</b>	100,805	9,740	12,384	18,028	21,068	22,184	24,970	26,917	236,096

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	100,805	9,740	12,384	18,028	21,068	22,184	24,970	26,917	236,096
<b>Total:</b>	100,805	9,740	12,384	18,028	21,068	22,184	24,970	26,917	236,096

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Overhead Outage Replacements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8350
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C4 Distribution - Service Connections
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	3,300	310	314	449	937	951	1,098	1,119	8,478
<b>Total:</b>	3,300	310	314	449	937	951	1,098	1,119	8,478

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3,300	310	314	449	937	951	1,098	1,119	8,478
<b>Total:</b>	3,300	310	314	449	937	951	1,098	1,119	8,478

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	3,300	310	314	449	937	951	1,098	1,119	8,478
<b>Total:</b>	3,300	310	314	449	937	951	1,098	1,119	8,478

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	8356
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	32,030	2,755	2,631	2,543	2,670	3,398	3,448	3,497	52,972
<b>Total:</b>	32,030	2,755	2,631	2,543	2,670	3,398	3,448	3,497	52,972

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	32,030	2,755	2,631	2,543	2,670	3,398	3,448	3,497	52,972
<b>Total:</b>	32,030	2,755	2,631	2,543	2,670	3,398	3,448	3,497	52,972

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	32,030	2,755	2,631	2,543	2,670	3,398	3,448	3,497	52,972
<b>Total:</b>	32,030	2,755	2,631	2,543	2,670	3,398	3,448	3,497	52,972

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Pole Attachments**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8452
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	12,502	13,467	18,351	6,528	7,298	7,829	7,957	7,320	81,252
<b>Total:</b>	12,502	13,467	18,351	6,528	7,298	7,829	7,957	7,320	81,252

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	12,502	13,467	18,351	6,528	7,298	7,829	7,957	7,320	81,252
<b>Total:</b>	12,502	13,467	18,351	6,528	7,298	7,829	7,957	7,320	81,252

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	12,502	13,467	18,351	6,528	7,298	7,829	7,957	7,320	81,252
<b>Total:</b>	12,502	13,467	18,351	6,528	7,298	7,829	7,957	7,320	81,252

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**Relaying Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	7753
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C1 Distribution - Substations
		<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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	34,345	4,191	4,614	5,578	4,535	4,937	5,033	5,166	68,399
<b>Total:</b>	34,345	4,191	4,614	5,578	4,535	4,937	5,033	5,166	68,399

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	34,345	4,191	4,614	5,578	4,535	4,937	5,033	5,166	68,399
<b>Total:</b>	34,345	4,191	4,614	5,578	4,535	4,937	5,033	5,166	68,399

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	34,345	4,191	4,614	5,578	4,535	4,937	5,033	5,166	68,399
<b>Total:</b>	34,345	4,191	4,614	5,578	4,535	4,937	5,033	5,166	68,399

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Replace Breakers BPA Covington and Maple Valley Substations**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	7121
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C1 Distribution - Substations
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	546	11	11	11	11	12	12	12	626
<b>Total:</b>	546	11	11	11	11	12	12	12	626

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	546	11	11	11	11	12	12	12	626
<b>Total:</b>	546	11	11	11	11	12	12	12	626

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	546	11	11	11	11	12	12	12	626
<b>Total:</b>	546	11	11	11	11	12	12	12	626

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Safety Modifications**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9006
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	5,302	1,640	1,344	1,374	1,364	1,396	1,428	71	13,919
<b>Total:</b>	5,302	1,640	1,344	1,374	1,364	1,396	1,428	71	13,919

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,302	1,640	1,344	1,374	1,364	1,396	1,428	71	13,919
<b>Total:</b>	5,302	1,640	1,344	1,374	1,364	1,396	1,428	71	13,919

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	5,302	1,640	1,344	1,374	1,364	1,396	1,428	71	13,919
<b>Total:</b>	5,302	1,640	1,344	1,374	1,364	1,396	1,428	71	13,919

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Security Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9202
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

City Light Fund Revenues	23,604	11,175	2,344	2,243	2,288	2,343	2,322	2,320	48,639
<b>Total:</b>	23,604	11,175	2,344	2,243	2,288	2,343	2,322	2,320	48,639

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	23,604	11,175	2,344	2,243	2,288	2,343	2,322	2,320	48,639
<b>Total:</b>	23,604	11,175	2,344	2,243	2,288	2,343	2,322	2,320	48,639

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

City Light Fund	23,604	11,175	2,344	2,243	2,288	2,343	2,322	2,320	48,639
<b>Total:</b>	23,604	11,175	2,344	2,243	2,288	2,343	2,322	2,320	48,639

	2018	2019	2020	2021	2022	2023	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.

**2018 - 2023 Proposed Capital Improvement Program**

**Seismic Mitigation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9134
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	5,687	136	86	94	602	604	606	3	7,818
<b>Total:</b>	5,687	136	86	94	602	604	606	3	7,818

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,687	136	86	94	602	604	606	3	7,818
<b>Total:</b>	5,687	136	86	94	602	604	606	3	7,818

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	5,687	136	86	94	602	604	606	3	7,818
<b>Total:</b>	5,687	136	86	94	602	604	606	3	7,818

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 - Relicensing**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	6986
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	New Investment	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	528	1,039	6,448	6,057	13,858	26,723	4,207	58,860
<b>Total:</b>	0	528	1,039	6,448	6,057	13,858	26,723	4,207	58,860

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	528	1,039	6,448	6,057	13,858	26,723	4,207	58,860
<b>Total:</b>	0	528	1,039	6,448	6,057	13,858	26,723	4,207	58,860

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	528	1,039	6,448	6,057	13,858	26,723	4,207	58,860
<b>Total:</b>	0	528	1,039	6,448	6,057	13,858	26,723	4,207	58,860

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

**2018 - 2023 Proposed Capital Improvement Program**

**Skagit Facility - Minor Improvements Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	6405
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	22,878	3,761	3,491	1,146	5,162	9,726	10,127	1,541	57,832
<b>Total:</b>	22,878	3,761	3,491	1,146	5,162	9,726	10,127	1,541	57,832

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	22,878	3,761	3,491	1,146	5,162	9,726	10,127	1,541	57,832
<b>Total:</b>	22,878	3,761	3,491	1,146	5,162	9,726	10,127	1,541	57,832

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	22,878	3,761	3,491	1,146	5,162	9,726	10,127	1,541	57,832
<b>Total:</b>	22,878	3,761	3,491	1,146	5,162	9,726	10,127	1,541	57,832

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Skagit Licensing Mitigation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	6991
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A2 Power Supply - Skagit
		<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267
<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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	36,862	821	74	132	121	137	134	0	38,281
<b>Total:</b>	36,862	821	74	132	121	137	134	0	38,281

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	36,862	821	74	132	121	137	134	0	38,281
<b>Total:</b>	36,862	821	74	132	121	137	134	0	38,281

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	36,862	821	74	132	121	137	134	0	38,281
<b>Total:</b>	36,862	821	74	132	121	137	134	0	38,281

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Small Overhead and Underground Services**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8367
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C4 Distribution - Service Connections
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	60,751	6,205	6,267	5,461	5,289	5,274	6,654	7,047	102,948
<b>Total:</b>	60,751	6,205	6,267	5,461	5,289	5,274	6,654	7,047	102,948

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	60,751	6,205	6,267	5,461	5,289	5,274	6,654	7,047	102,948
<b>Total:</b>	60,751	6,205	6,267	5,461	5,289	5,274	6,654	7,047	102,948

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	60,751	6,205	6,267	5,461	5,289	5,274	6,654	7,047	102,948
<b>Total:</b>	60,751	6,205	6,267	5,461	5,289	5,274	6,654	7,047	102,948

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Special Work Equipment - Generation Plant**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	6102
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-A4
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	A4 Power Supply - Power Supply Other
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	13,555	1,580	929	1,396	1,429	1,013	1,038	0	20,940
<b>Total:</b>	13,555	1,580	929	1,396	1,429	1,013	1,038	0	20,940

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	13,555	1,580	929	1,396	1,429	1,013	1,038	0	20,940
<b>Total:</b>	13,555	1,580	929	1,396	1,429	1,013	1,038	0	20,940

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	13,555	1,580	929	1,396	1,429	1,013	1,038	0	20,940
<b>Total:</b>	13,555	1,580	929	1,396	1,429	1,013	1,038	0	20,940

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 - Other Plant**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9102
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	21,258	1,823	1,077	1,102	1,129	1,156	1,184	1,212	29,941
<b>Total:</b>	21,258	1,823	1,077	1,102	1,129	1,156	1,184	1,212	29,941

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	21,258	1,823	1,077	1,102	1,129	1,156	1,184	1,212	29,941
<b>Total:</b>	21,258	1,823	1,077	1,102	1,129	1,156	1,184	1,212	29,941

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	21,258	1,823	1,077	1,102	1,129	1,156	1,184	1,212	29,941
<b>Total:</b>	21,258	1,823	1,077	1,102	1,129	1,156	1,184	1,212	29,941

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 - Shops**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8389
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	1,322	357	300	307	314	322	330	0	3,252
<b>Total:</b>	1,322	357	300	307	314	322	330	0	3,252

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	1,322	357	300	307	314	322	330	0	3,252
<b>Total:</b>	1,322	357	300	307	314	322	330	0	3,252

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	1,322	357	300	307	314	322	330	0	3,252
<b>Total:</b>	1,322	357	300	307	314	322	330	0	3,252

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	8485
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

City Light Fund Revenues	0	205	102	105	215	110	113	233	1,083
<b>Total:</b>	0	205	102	105	215	110	113	233	1,083

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	0	205	102	105	215	110	113	233	1,083
<b>Total:</b>	0	205	102	105	215	110	113	233	1,083

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

City Light Fund	0	205	102	105	215	110	113	233	1,083
<b>Total:</b>	0	205	102	105	215	110	113	233	1,083

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

**Stormwater Compliance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9236
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other
		<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 installation of lighted canopies and the associated drainage improvements that are necessary to bring City Light into compliance with the current rules and regulations. As a result of a City wide storm water audit and several surprise inspections from the Department of Ecology, it was discovered that there are several areas where measures are needed to bring City Light’s storm water protection program into compliance. Some of our facilities drain directly to Superfund sites and the successful implementation of a compliant storm water system not only reduces our liability in the short term, but it has a direct impact on the amount of funding we may be ordered to provide for the cleanup of current and future Superfund sites. Currently, City Light stores raw materials (gravel, cold mix, backfill material, vegetative matter), salvage material (wire, metal products, electronics, transformers, poles) and warehouse materials (timbers, unfinished metal, galvanized poles) outside, where product can leach into the drainage systems.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	501	514	0	0	0	0	0	1,015
<b>Total:</b>	0	501	514	0	0	0	0	0	1,015

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	501	514	0	0	0	0	0	1,015
<b>Total:</b>	0	501	514	0	0	0	0	0	1,015

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	501	514	0	0	0	0	0	1,015
<b>Total:</b>	0	501	514	0	0	0	0	0	1,015

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Streetlight Infrastructure Replacement**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8460
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	8,110	5,429	3,170	3,296	3,966	4,360	4,184	4,491	37,006
<b>Total:</b>	8,110	5,429	3,170	3,296	3,966	4,360	4,184	4,491	37,006

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	8,110	5,429	3,170	3,296	3,966	4,360	4,184	4,491	37,006
<b>Total:</b>	8,110	5,429	3,170	3,296	3,966	4,360	4,184	4,491	37,006

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	8,110	5,429	3,170	3,296	3,966	4,360	4,184	4,491	37,006
<b>Total:</b>	8,110	5,429	3,170	3,296	3,966	4,360	4,184	4,491	37,006

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Streetlight LED Conversion Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8441
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	31,460	7,099	5,434	6,089	6,993	6,773	6,932	4,887	75,667
<b>Total:</b>	31,460	7,099	5,434	6,089	6,993	6,773	6,932	4,887	75,667

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	31,460	7,099	5,434	6,089	6,993	6,773	6,932	4,887	75,667
<b>Total:</b>	31,460	7,099	5,434	6,089	6,993	6,773	6,932	4,887	75,667

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	31,460	7,099	5,434	6,089	6,993	6,773	6,932	4,887	75,667
<b>Total:</b>	31,460	7,099	5,434	6,089	6,993	6,773	6,932	4,887	75,667

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Streetlights: Arterial, Residential and Floodlights**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8378
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	25,885	3,718	3,492	3,753	4,255	4,943	5,064	4,222	55,332
<b>Total:</b>	25,885	3,718	3,492	3,753	4,255	4,943	5,064	4,222	55,332

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	25,885	3,718	3,492	3,753	4,255	4,943	5,064	4,222	55,332
<b>Total:</b>	25,885	3,718	3,492	3,753	4,255	4,943	5,064	4,222	55,332

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	25,885	3,718	3,492	3,753	4,255	4,943	5,064	4,222	55,332
<b>Total:</b>	25,885	3,718	3,492	3,753	4,255	4,943	5,064	4,222	55,332

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Automation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8424
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C1 Distribution - Substations
		<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 fourteen substations, and upgrades equipment at two substations annually. 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	6,566	1,396	1,522	1,562	1,583	1,381	1,337	997	16,344
<b>Total:</b>	6,566	1,396	1,522	1,562	1,583	1,381	1,337	997	16,344

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	6,566	1,396	1,522	1,562	1,583	1,381	1,337	997	16,344
<b>Total:</b>	6,566	1,396	1,522	1,562	1,583	1,381	1,337	997	16,344

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	6,566	1,396	1,522	1,562	1,583	1,381	1,337	997	16,344
<b>Total:</b>	6,566	1,396	1,522	1,562	1,583	1,381	1,337	997	16,344

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Substation Breaker Replacements and Reliability Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	7779
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C1 Distribution - Substations
		<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. This project also replaces transformer bank breakers at Union Street substation to support load growth.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	32,611	6,168	4,836	5,656	5,217	5,900	5,647	6,699	72,734
<b>Total:</b>	32,611	6,168	4,836	5,656	5,217	5,900	5,647	6,699	72,734

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	32,611	6,168	4,836	5,656	5,217	5,900	5,647	6,699	72,734
<b>Total:</b>	32,611	6,168	4,836	5,656	5,217	5,900	5,647	6,699	72,734

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	32,611	6,168	4,836	5,656	5,217	5,900	5,647	6,699	72,734
<b>Total:</b>	32,611	6,168	4,836	5,656	5,217	5,900	5,647	6,699	72,734

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Substation Capacity Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	7751
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C1 Distribution - Substations
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	13,464	1,904	2,038	2,170	2,575	2,123	2,192	3,119	29,585
<b>Total:</b>	13,464	1,904	2,038	2,170	2,575	2,123	2,192	3,119	29,585

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	13,464	1,904	2,038	2,170	2,575	2,123	2,192	3,119	29,585
<b>Total:</b>	13,464	1,904	2,038	2,170	2,575	2,123	2,192	3,119	29,585

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	13,464	1,904	2,038	2,170	2,575	2,123	2,192	3,119	29,585
<b>Total:</b>	13,464	1,904	2,038	2,170	2,575	2,123	2,192	3,119	29,585

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Substation Comprehensive Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9161
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	4,210	273	279	275	279	284	13	7	5,620
<b>Total:</b>	4,210	273	279	275	279	284	13	7	5,620

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	4,210	273	279	275	279	284	13	7	5,620
<b>Total:</b>	4,210	273	279	275	279	284	13	7	5,620

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	4,210	273	279	275	279	284	13	7	5,620
<b>Total:</b>	4,210	273	279	275	279	284	13	7	5,620

		2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Substation Equipment Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	7752
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C1 Distribution - Substations
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	64,261	5,810	6,060	6,878	6,882	6,606	6,261	6,161	108,919
<b>Total:</b>	64,261	5,810	6,060	6,878	6,882	6,606	6,261	6,161	108,919

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	64,261	5,810	6,060	6,878	6,882	6,606	6,261	6,161	108,919
<b>Total:</b>	64,261	5,810	6,060	6,878	6,882	6,606	6,261	6,161	108,919

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	64,261	5,810	6,060	6,878	6,882	6,606	6,261	6,161	108,919
<b>Total:</b>	64,261	5,810	6,060	6,878	6,882	6,606	6,261	6,161	108,919

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Substation Plant Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	7750
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C1 Distribution - Substations
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	9,655	1,406	1,365	1,123	1,024	1,200	1,522	1,262	18,557
<b>Total:</b>	9,655	1,406	1,365	1,123	1,024	1,200	1,522	1,262	18,557

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	9,655	1,406	1,365	1,123	1,024	1,200	1,522	1,262	18,557
<b>Total:</b>	9,655	1,406	1,365	1,123	1,024	1,200	1,522	1,262	18,557

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	9,655	1,406	1,365	1,123	1,024	1,200	1,522	1,262	18,557
<b>Total:</b>	9,655	1,406	1,365	1,123	1,024	1,200	1,522	1,262	18,557

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Substation Transformer Replacements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	7776
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C1 Distribution - Substations
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	8,265	2,367	2,641	5,005	4,597	4,966	5,058	2,075	34,974
<b>Total:</b>	8,265	2,367	2,641	5,005	4,597	4,966	5,058	2,075	34,974

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	8,265	2,367	2,641	5,005	4,597	4,966	5,058	2,075	34,974
<b>Total:</b>	8,265	2,367	2,641	5,005	4,597	4,966	5,058	2,075	34,974

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	8,265	2,367	2,641	5,005	4,597	4,966	5,058	2,075	34,974
<b>Total:</b>	8,265	2,367	2,641	5,005	4,597	4,966	5,058	2,075	34,974

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	7755
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C1 Distribution - Substations
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	5,811	6	5	6	6	6	6	6	5,852
<b>Total:</b>	5,811	6	5	6	6	6	6	6	5,852

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	5,811	6	5	6	6	6	6	6	5,852
<b>Total:</b>	5,811	6	5	6	6	6	6	6	5,852

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	5,811	6	5	6	6	6	6	6	5,852
<b>Total:</b>	5,811	6	5	6	6	6	6	6	5,852

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Substations Oil Containment**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	7783
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C1 Distribution - Substations
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	15	337	340	335	341	224	590	397	2,579
<b>Total:</b>	15	337	340	335	341	224	590	397	2,579

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	15	337	340	335	341	224	590	397	2,579
<b>Total:</b>	15	337	340	335	341	224	590	397	2,579

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	15	337	340	335	341	224	590	397	2,579
<b>Total:</b>	15	337	340	335	341	224	590	397	2,579

		2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>								
<b>Total:</b>		0	0	0	0	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>	9108
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	15,342	1,223	1,328	750	936	980	995	1,222	22,776
<b>Total:</b>	15,342	1,223	1,328	750	936	980	995	1,222	22,776

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	15,342	1,223	1,328	750	936	980	995	1,222	22,776
<b>Total:</b>	15,342	1,223	1,328	750	936	980	995	1,222	22,776

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	15,342	1,223	1,328	750	936	980	995	1,222	22,776
<b>Total:</b>	15,342	1,223	1,328	750	936	980	995	1,222	22,776

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Transmission Capacity**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	7011
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-B1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	B1 Transmission - Transmission
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	10,895	1,237	24	25	25	11	21	28	12,266
<b>Total:</b>	10,895	1,237	24	25	25	11	21	28	12,266

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	10,895	1,237	24	25	25	11	21	28	12,266
<b>Total:</b>	10,895	1,237	24	25	25	11	21	28	12,266

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	10,895	1,237	24	25	25	11	21	28	12,266
<b>Total:</b>	10,895	1,237	24	25	25	11	21	28	12,266

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Transmission Inter-Agency**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	7105
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-B1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	B1 Transmission - Transmission
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	2,548	606	589	603	613	623	591	623	6,796
<b>Total:</b>	2,548	606	589	603	613	623	591	623	6,796

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	2,548	606	589	603	613	623	591	623	6,796
<b>Total:</b>	2,548	606	589	603	613	623	591	623	6,796

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	2,548	606	589	603	613	623	591	623	6,796
<b>Total:</b>	2,548	606	589	603	613	623	591	623	6,796

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Transmission Reliability**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	7104
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-B1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	B1 Transmission - Transmission
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	24,471	3,686	4,257	3,729	3,064	2,654	3,681	5,359	50,901
<b>Total:</b>	24,471	3,686	4,257	3,729	3,064	2,654	3,681	5,359	50,901

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	24,471	3,686	4,257	3,729	3,064	2,654	3,681	5,359	50,901
<b>Total:</b>	24,471	3,686	4,257	3,729	3,064	2,654	3,681	5,359	50,901

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	24,471	3,686	4,257	3,729	3,064	2,654	3,681	5,359	50,901
<b>Total:</b>	24,471	3,686	4,257	3,729	3,064	2,654	3,681	5,359	50,901

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Transportation Streetlights**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8377
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

City Light Fund Revenues	11,966	5,407	4,224	3,998	4,010	851	7,104	3,705	41,265
<b>Total:</b>	11,966	5,407	4,224	3,998	4,010	851	7,104	3,705	41,265

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

City Light Fund	11,966	5,407	4,224	3,998	4,010	851	7,104	3,705	41,265
<b>Total:</b>	11,966	5,407	4,224	3,998	4,010	851	7,104	3,705	41,265

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

City Light Fund	11,966	5,407	4,224	3,998	4,010	851	7,104	3,705	41,265
<b>Total:</b>	11,966	5,407	4,224	3,998	4,010	851	7,104	3,705	41,265

	2018	2019	2020	2021	2022	2023	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.

**Underground 26kV Conversion**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8362
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	6,625	2,200	3,476	5,022	2,510	2,722	4,074	2,841	29,470
<b>Total:</b>	6,625	2,200	3,476	5,022	2,510	2,722	4,074	2,841	29,470

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	6,625	2,200	3,476	5,022	2,510	2,722	4,074	2,841	29,470
<b>Total:</b>	6,625	2,200	3,476	5,022	2,510	2,722	4,074	2,841	29,470

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	6,625	2,200	3,476	5,022	2,510	2,722	4,074	2,841	29,470
<b>Total:</b>	6,625	2,200	3,476	5,022	2,510	2,722	4,074	2,841	29,470

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Underground Customer Driven Capacity Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8360
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	34,081	5,205	2,983	2,983	5,498	4,593	7,028	3,165	65,536
<b>Total:</b>	34,081	5,205	2,983	2,983	5,498	4,593	7,028	3,165	65,536

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	34,081	5,205	2,983	2,983	5,498	4,593	7,028	3,165	65,536
<b>Total:</b>	34,081	5,205	2,983	2,983	5,498	4,593	7,028	3,165	65,536

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	34,081	5,205	2,983	2,983	5,498	4,593	7,028	3,165	65,536
<b>Total:</b>	34,081	5,205	2,983	2,983	5,498	4,593	7,028	3,165	65,536

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Underground Equipment Replacements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8353
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	40,795	14,093	11,452	11,647	11,860	15,428	16,408	10,790	132,473
<b>Total:</b>	40,795	14,093	11,452	11,647	11,860	15,428	16,408	10,790	132,473

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	40,795	14,093	11,452	11,647	11,860	15,428	16,408	10,790	132,473
<b>Total:</b>	40,795	14,093	11,452	11,647	11,860	15,428	16,408	10,790	132,473

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	40,795	14,093	11,452	11,647	11,860	15,428	16,408	10,790	132,473
<b>Total:</b>	40,795	14,093	11,452	11,647	11,860	15,428	16,408	10,790	132,473

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Underground Outage Replacements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8352
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C4 Distribution - Service Connections
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	18,714	287	185	346	1,949	1,983	1,650	1,676	26,790
<b>Total:</b>	18,714	287	185	346	1,949	1,983	1,650	1,676	26,790

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	18,714	287	185	346	1,949	1,983	1,650	1,676	26,790
<b>Total:</b>	18,714	287	185	346	1,949	1,983	1,650	1,676	26,790

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	18,714	287	185	346	1,949	1,983	1,650	1,676	26,790
<b>Total:</b>	18,714	287	185	346	1,949	1,983	1,650	1,676	26,790

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Underground System Capacity Additions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8361
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	33,839	7,577	2,936	2,994	2,971	5,101	4,306	3,287	63,011
<b>Total:</b>	33,839	7,577	2,936	2,994	2,971	5,101	4,306	3,287	63,011

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	33,839	7,577	2,936	2,994	2,971	5,101	4,306	3,287	63,011
<b>Total:</b>	33,839	7,577	2,936	2,994	2,971	5,101	4,306	3,287	63,011

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	33,839	7,577	2,936	2,994	2,971	5,101	4,306	3,287	63,011
<b>Total:</b>	33,839	7,577	2,936	2,994	2,971	5,101	4,306	3,287	63,011

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Union Street Substation Networks**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8201
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Category:</b>	New Facility	<b>BCL/Program Name:</b>	C2 Distribution - Network
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	29,689	2,562	2,202	2,595	2,711	2,940	2,994	3,015	48,708
<b>Total:</b>	29,689	2,562	2,202	2,595	2,711	2,940	2,994	3,015	48,708

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	29,689	2,562	2,202	2,595	2,711	2,940	2,994	3,015	48,708
<b>Total:</b>	29,689	2,562	2,202	2,595	2,711	2,940	2,994	3,015	48,708

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	29,689	2,562	2,202	2,595	2,711	2,940	2,994	3,015	48,708
<b>Total:</b>	29,689	2,562	2,202	2,595	2,711	2,940	2,994	3,015	48,708

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**University Substation - Network**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8464
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C2 Distribution - Network
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	3,062	388	430	392	476	491	499	501	6,239
<b>Total:</b>	3,062	388	430	392	476	491	499	501	6,239

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	3,062	388	430	392	476	491	499	501	6,239
<b>Total:</b>	3,062	388	430	392	476	491	499	501	6,239

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	3,062	388	430	392	476	491	499	501	6,239
<b>Total:</b>	3,062	388	430	392	476	491	499	501	6,239

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Vista Switch Automation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	8483
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	C3 Distribution - Radial
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	0	0	401	401	401	401	401	401	2,406
<b>Total:</b>	0	0	401	401	401	401	401	401	2,406

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	0	0	401	401	401	401	401	401	2,406
<b>Total:</b>	0	0	401	401	401	401	401	401	2,406

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	0	0	401	401	401	401	401	401	2,406
<b>Total:</b>	0	0	401	401	401	401	401	401	2,406

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Workplace and Process Improvement**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	9159
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
City Light Fund Revenues	6,089	2,740	1,339	2,074	1,951	2,308	2,340	12	18,853
<b>Total:</b>	6,089	2,740	1,339	2,074	1,951	2,308	2,340	12	18,853

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
City Light Fund	6,089	2,740	1,339	2,074	1,951	2,308	2,340	12	18,853
<b>Total:</b>	6,089	2,740	1,339	2,074	1,951	2,308	2,340	12	18,853

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
City Light Fund	6,089	2,740	1,339	2,074	1,951	2,308	2,340	12	18,853
<b>Total:</b>	6,089	2,740	1,339	2,074	1,951	2,308	2,340	12	18,853

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



# **Seattle Public Utilities**

## **Drainage and Wastewater**





## SPU – 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 (DWF) 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 \$1.3 billion over the next six years, from 2018 to 2023.

### 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% of total CIP costs were funded by a cash contribution, with the remaining capital needs being debt financed.

SPU's DWF CIP is funded largely by Drainage and Sewer ratepayers. SPU issues bonds, serviced by ratepayers that cover approximately 75% of the CIP, with the remainder funded by cash. DWF rates were approved by the Executive and City Council in 2015 for the three-year period of 2016-2018.

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% of sediments cleanup project costs.

CIP Highlights

**2018-2023 Proposed Drainage and Wastewater Fund CIP by BCL**  
(In '000s; total may not sum due to rounding)

BCL	2018	2019	2020	2021	2022	2023	Total
<b>Protection of Beneficial Uses</b>	11,731	18,916	20,766	13,541	14,411	14,228	93,593
<b>Sediments</b>	6,489	7,343	8,753	6,178	15,712	16,222	60,697
<b>Combined Sewer Overflows</b>	33,137	41,534	102,042	149,011	112,825	98,349	536,898
<b>Rehabilitation and Heavy Equipment</b>	39,089	40,078	31,361	32,214	32,214	31,294	206,250
<b>Flooding, Sewer Backups, and Landslides</b>	16,566	31,218	36,636	26,071	12,558	10,667	133,716
<b>Shared Cost Projects</b>	55,632	74,266	46,921	28,879	18,922	15,941	240,561
<b>Technology</b>	6,135	4,677	3,951	4,298	4,298	4,298	27,657
<b>Total</b>	<b>168,778</b>	<b>218,032</b>	<b>250,429</b>	<b>260,191</b>	<b>210,941</b>	<b>190,999</b>	<b>1,299,370</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 stormwater 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 Green Stormwater Infrastructure (GSI) 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 beginning in 2019 and on

the Duwamish Waterway Sediment Remediation and East Waterway Remediation projects beginning in 2022 based on preliminary schedules.

**Combined Sewer Overflows (CSOs):** 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 project in the DWF CIP is 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 in order 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. The 2018 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 health, safety, and property. The program area is focused on planning, design, and construction of pipes, ditches, culverts, detention ponds, and natural drainage systems 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. The 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 2018 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, the 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 a number of 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 2018 address several of SPU's key initiatives, including:

- Financial Management and Internal Controls
- Operational Excellence and Performance Management
- Engaged Customer Experience
- Data-driven Decision Support
- Project Delivery and Project Controls

SPU's slight increase in funding for 2018 will focus technology spending on the highest priority business needs, primarily within the Customer Contact and Billing program, Enterprise Information Management and Project Delivery program areas.

With the New Customer Information System in place, one of the biggest drivers within the program will be the Customer Self-Service Portal. The Enterprise Information Management planned projects for 2018 include Automation of Paper Process (automated forms) as well as Document Controls to support major cross-Branch and inter-agency projects and programs. SPU's portion of the Summit Re-Implementation project and integration of SPU financial side-systems are the main components within the Project Delivery and Performance program area.

### **Thematic Priorities**

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. The DWF primarily considers three main criteria when prioritizing work: public health and safety, environmental protection/regulatory requirements, and City priorities. Project timing can be influenced by opportunities or requirements to combine construction activity with other projects.

- Public Health and Safety: The overriding priority for the DWF is maintaining public health and safety. This will be accomplished through critical infrastructure rehab and repair needs, and projects to improve conveyance level of service, and projects to reduce exposure to pollutants.
- Environmental Protection/Regulatory Requirements: The City of Seattle/SPU must meet State and Federal regulatory requirements in order to comply with the Clean Water Act (CWA) and the Consent Decree 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).
- City Priorities: Improvements to DWF infrastructure result in safer communities, a healthier environment, and regulatory compliance which are goals inherent within the City’s key values (safe, affordable, vibrant and interconnected City that fosters innovation).
  - Projects added to SPU’s priority to facilitate citywide interconnectivity primarily include SPU’s efforts around transportation led projects, described above within the shared costs projects BCL.
  - Projects in the DWF CIP that address City priorities are projects to help achieve the Green Stormwater Infrastructure (GSI) Strategy target. Projects that will help achieve this 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 biorention to reduce stormwater pollution in creeks and to improve neighborhoods. The NDS Partnering Program will build natural drainage systems along approximately 66 blocks (330 foot 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.

### 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). 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 Ship Canal Water Quality Project, CSO Retrofits, S. Park water quality facility, and NDS Partnering.
- **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 highly ranked projects in this category include the Alaskan Way Viaduct, Center City Connector streetcar, and Move Seattle Levy projects.
- **Infrastructure:** 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.
- **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 Park Pump Station, Localized Flood Control program, Sanitary Sewer Overflow Capacity program, and the Pipe Rehabilitation program.
- **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, and outside funding. An example of a highly ranked project in this category is the Capital Hill Water Quality Project.

**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 CEO/GM 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. receive priority attention if a staff or financial resource constraint should arise.

### Summary of Upcoming Budget Issues and Challenges

The biggest challenge for DWF will be continuing to manage large priority projects while still accomplishing City 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, 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% 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 \$537 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. Coupled with this is the increasing cost pressures brought by a strong market that are changing the planning factors for major construction projects.

Another challenge revolves around escalating costs on the Ship Canal Water Quality Project. Original cost estimates presented total project costs between \$340 million to \$550 million, a range to account for planning and construction uncertainties. To date, SPU estimates the total project cost of the Ship Canal Water Quality Project at \$540 million into 2025, outside the current CIP planning window. This is an increase from an early planning level estimate of \$423 million. The increases in total cost are preliminary, and largely driven by the following factors:

- increases in regional construction market cost assumptions reflecting updated projections on growing costs of construction;
- increases due to larger tunnel storage volume based on modeling of more recent rainfall data and changing rainfall patterns;
- increases based on design changes like increased pipe and shaft diameters, and changes in construction methodology, and;
- increases based on new sales tax growth.

To accommodate these increases, SPU has shifted costs to future years, decreasing the 2018 Proposed Budget by \$4 million compared to the 2018 Endorsed Budget. King County is responsible for roughly 30% of total project costs on the Ship Canal Water Quality Project. However, final determination of total



project cost will depend on SPU and King County concurrent review and agreement under established multiagency governance processes. SPU will also participate in a new oversight pilot to provide better oversight and transparency over the budget for the tunnel construction portion of the Ship Canal Water Quality Project during the 2018 Proposed Budget process. The Executive will work with City Council to implement this new pilot.

Another challenge for the DWF is addressing public expectation around our 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.

### **Spending Plan Variance**

As part of the 2018-2023 Proposed CIP, departments are now required to report Total Project Cost for discrete projects. Due to technical system limitations and SPU's unique planning processes, the 2017 Revised figures for Fund Appropriations/Allocations lines do not reflect SPU's most up-to-date total project cost expectations for some project pages. For this data, please see the Spending Plan line and Total Project Cost figure on the project page for the following projects in the Drainage and Wastewater Fund:

- C3609: S Henderson Combined Sewer Overflow Storage
- C3806: South Park Stormwater Program
- C4102-DWF: Alaskan Way Viaduct & Seawall Replacement Program – DWF
- C4122-DWF: Sound Transit – East Link
- C4130-DWF: Streetcar Related Projects – DWF
- C4135-DWF: Sound Transit – North Link – DWF

### **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.

**Technical Changes**

The following projects have new information, modified descriptions, or name changes as noted from the Adopted 2017-2022 CIP:

- **Move Seattle – DWF:** Name changed from Bridging the Gap – DWF.
- **Streetcar Related Projects – DWF:** Name changed from First Hill Streetcar – DWF; Project description updated to reflect ongoing streetcar utility impacts as the streetcar project connects to expanded lines
- **South Park Stormwater Program:** Name changed from South Park Pump Station.

2017 Revised figures may not match previous years for select projects that were closed in 2017. These projects include:

- Street Sweeping for Water Quality
- Windermere Combined Sewer Overflow Storage

# SPU-Drainage & Wastewater

## Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
<b>Protection of Beneficial Uses</b>		<b>BCL/Program Code:</b>							<b>C333B</b>
<u>Ongoing</u>									
Creek Culvert Replacement Program (C3314)	3,025	2,811	1,662	2,431	92	0	0	0	10,020
GSI for Protection of Beneficial Uses (C3316)	16,525	6,077	8,350	11,592	13,166	12,541	14,306	14,225	96,782
Protection of Beneficial Uses Program (C3317)	7,847	1,000	1,719	4,893	7,508	1,000	106	3	24,075
<b>Protection of Beneficial Uses</b>	27,398	9,887	11,731	18,916	20,766	13,541	14,411	14,228	130,877
<b>Sediments</b>		<b>BCL/Program Code:</b>							<b>C350B</b>
<u>Ongoing</u>									
Sediment Remediation - DWF (C3503)	29,042	6,855	6,489	7,343	8,753	6,178	15,712	16,222	96,594
<b>Sediments</b>	29,042	6,855	6,489	7,343	8,753	6,178	15,712	16,222	96,594
<b>Combined Sewer Overflows</b>		<b>BCL/Program Code:</b>							<b>C360B</b>
<u>Discrete</u>									
Long Term Control Plan (C3604)	11,507	500	1,000	1,000	1,000	1,000	1,000	1,000	18,007
S Henderson Combined Sewer Overflow Storage (C3609)	64,683	5,340	251	0	0	0	0	0	70,273
Ship Canal Water Quality Project (C3614)	38,221	21,732	19,858	25,422	95,370	135,766	98,639	59,412	494,420
<u>Ongoing</u>									
Combined Sewer Overflow Facility Retrofit (C3611)	24,278	7,033	8,442	12,006	1,480	4,100	6,700	6,500	70,540
Future CSO Projects (C3612)	0	0	1,356	1,356	2,542	7,145	5,486	30,437	48,321
Green Stormwater Infrastructure Program (C3610)	18,566	2,600	2,229	1,750	1,650	1,000	1,000	1,000	29,795
<b>Combined Sewer Overflows</b>	157,254	37,205	33,137	41,534	102,042	149,011	112,825	98,349	731,356
<b>Rehabilitation</b>		<b>BCL/Program Code:</b>							<b>C370B</b>
<u>Ongoing</u>									
Outfall Rehabilitation Program (C3708)	1,348	1,550	647	1,100	1,500	1,500	1,500	1,500	10,645

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

### 2018 - 2023 Proposed Capital Improvement Program

Pipe Renewal Program (C3710)	44,480	24,300	27,228	24,429	24,194	26,694	26,694	25,794	223,812
Pump Station and Force Main Improvements (C3703)	5,090	5,425	11,214	14,548	5,667	4,020	4,020	4,000	53,985
<b>Rehabilitation</b>	<b>50,919</b>	<b>31,275</b>	<b>39,089</b>	<b>40,078</b>	<b>31,361</b>	<b>32,214</b>	<b>32,214</b>	<b>31,294</b>	<b>288,442</b>
<b>Flooding, Sewer Back-up, and Landslides</b>									<b>BCL/Program Code: C380B</b>
<u>Discrete</u>									
South Park Stormwater Program (C3806)	10,594	5,267	4,729	10,231	14,702	11,547	784	63	57,918
<u>Ongoing</u>									
Broadview Long Term Plan (C3812)	5,305	4,348	2,624	8,468	9,203	4,395	50	0	34,393
Localized Flood Control Program (C3802)	17,132	2,396	2,270	3,024	1,874	1,724	3,724	3,304	35,448
Sanitary Sewer Overflow Capacity (C3804)	7,931	7,035	6,943	9,494	10,857	8,405	8,000	7,300	65,966
<b>Flooding, Sewer Back-up, and Landslides</b>	<b>40,962</b>	<b>19,046</b>	<b>16,566</b>	<b>31,218</b>	<b>36,636</b>	<b>26,071</b>	<b>12,558</b>	<b>10,667</b>	<b>193,724</b>
<b>Shared Cost Projects</b>									<b>BCL/Program Code: C410B</b>
<u>Discrete</u>									
Alaskan Way Viaduct & Seawall Replacement Program - DWF (C4102-DWF)	24,332	7,321	3,286	7,568	7,063	980	594	27	51,171
Sound Transit - North Link - DWF (C4135-DWF)	496	155	149	112	90	13	0	0	1,014
Sound Transit-East Link (C4122-DWF)	29	105	50	25	0	0	0	0	209
Streetcar Related Projects - DWF (C4130-DWF)	463	902	9,032	4,029	1,795	0	0	0	16,222
<u>Ongoing</u>									
1% for the Arts - DWF (C4118-DWF)	3,564	625	722	1,044	1,223	1,316	929	646	10,068
Emergency Storms - DWF (C4120-DWF)	1	100	100	100	100	0	0	0	401
Heavy Equipment Purchases - DWF (C4116-DWF)	11,740	2,760	2,801	2,904	3,300	2,261	2,456	2,363	30,584
Integrated Control Monitoring Program - DWF (C4108-DWF)	1,327	250	250	250	250	0	0	0	2,327
Meter Replacement - DWF (C4101-DWF)	5,806	552	554	561	567	481	491	500	9,512

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

## 2018 - 2023 Proposed Capital Improvement Program

Move Seattle - DWF (C4119-DWF)	38	1,551	17,360	28,381	17,397	16,601	10,849	9,411	101,587
Operational Facility - Construction - DWF (C4106-DWF)	13,408	9,510	20,588	28,333	14,915	7,115	3,492	2,810	100,170
Operations Control Center - DWF (C4105-DWF)	2,963	182	0	0	0	0	0	0	3,145
Other Major Transportation Projects - DWF (C4123-DWF)	933	175	627	750	55	0	0	0	2,540
Security Improvements - DWF (C4113-DWF)	157	109	113	210	165	113	113	185	1,163
<b>Shared Cost Projects</b>	<b>65,258</b>	<b>24,296</b>	<b>55,632</b>	<b>74,266</b>	<b>46,921</b>	<b>28,879</b>	<b>18,922</b>	<b>15,941</b>	<b>330,116</b>
<b>Technology</b>							<b>BCL/Program Code:</b>		<b>C510B</b>
<u>Ongoing</u>									
Asset Information Management (C5407)	259	1,065	608	1,189	1,028	860	860	860	6,728
Customer Contact & Billing (C5402)	14,359	6,820	1,351	678	1,025	430	430	430	25,523
Enterprise Information Management (C5403)	157	702	325	868	199	860	860	860	4,831
IT Infrastructure (C5404)	1,180	330	491	572	750	729	729	729	5,507
Project Delivery & Performance (C5405)	1,664	8,968	3,124	871	449	731	731	731	17,269
Science & System Performance (C5406)	3,044	1,069	236	500	500	688	688	688	7,413
<b>Technology</b>	<b>20,662</b>	<b>18,954</b>	<b>6,135</b>	<b>4,677</b>	<b>3,951</b>	<b>4,298</b>	<b>4,298</b>	<b>4,298</b>	<b>67,272</b>
<b>Department Total:</b>	<b>391,494</b>	<b>147,519</b>	<b>168,778</b>	<b>218,032</b>	<b>250,429</b>	<b>260,191</b>	<b>210,941</b>	<b>190,999</b>	<b>1,838,382</b>

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

## 2018 - 2023 Proposed Capital Improvement Program

# SPU-Drainage & Wastewater

## Fund Summary

Fund Name & Code	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
Drainage and Wastewater Fund (44010)	391,494	147,519	168,778	218,032	250,429	260,191	210,941	190,999	1,838,382
<b>Department Total:</b>	391,494	147,519	168,778	218,032	250,429	260,191	210,941	190,999	1,838,382

*\*Amounts in thousands of dollars*

## SPU-Drainage & Wastewater

### Alaskan Way Viaduct & Seawall Replacement Program - DWF

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C4102-DWF
<b>Start/End Date:</b>	2001-2023	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$48,352	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	24,332	7,321	3,286	7,568	7,063	980	594	27	51,171
<b>Total:</b>	24,332	7,321	3,286	7,568	7,063	980	594	27	51,171

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	24,332	7,321	3,286	7,568	7,063	980	594	27	51,171
<b>Total:</b>	24,332	7,321	3,286	7,568	7,063	980	594	27	51,171

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	24,332	4,502	3,286	7,568	7,063	980	594	27	48,352
<b>Total:</b>	24,332	4,502	3,286	7,568	7,063	980	594	27	48,352

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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

Long Term Control Plan

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C3604
<b>Start/End Date:</b>	2008-2030	<b>BCL/Program Code:</b>	C360B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$20,007	<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 May30, 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. 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 of 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	11,507	500	1,000	1,000	1,000	1,000	1,000	1,000	18,007
<b>Total:</b>	11,507	500	1,000	1,000	1,000	1,000	1,000	1,000	18,007
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	11,507	500	1,000	1,000	1,000	1,000	1,000	1,000	18,007
<b>Total:</b>	11,507	500	1,000	1,000	1,000	1,000	1,000	1,000	18,007

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

## 2018 - 2023 Proposed Capital Improvement Program



	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	11,507	1,000	1,000	1,000	1,000	1,000	1,000	1,000	18,507
<b>Total:</b>	11,507	1,000	1,000	1,000	1,000	1,000	1,000	1,000	18,507
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### S Henderson Combined Sewer Overflow Storage

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C3609
<b>Start/End Date:</b>	2001-2018	<b>BCL/Program Code:</b>	C360B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$68,656	<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. Maintenance costs will not begin until after 2020, when the project completes construction.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	64,683	5,340	251	0	0	0	0	0	70,273
<b>Total:</b>	64,683	5,340	251	0	0	0	0	0	70,273

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	64,683	5,340	251	0	0	0	0	0	70,273
<b>Total:</b>	64,683	5,340	251	0	0	0	0	0	70,273

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	64,683	3,722	251	0	0	0	0	0	68,656
<b>Total:</b>	64,683	3,722	251	0	0	0	0	0	68,656

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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>	C3614
<b>Start/End Date:</b>	2014-2025	<b>BCL/Program Code:</b>	C360B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Combined Sewer Overflows
<b>Current Project Stage:</b>	Design	<b>Location:</b>	West Ship Canal
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$540,252	<b>Urban Village:</b>	Multiple

The City of Seattle (the City) has prepared a comprehensive strategy, called The Plan to Protect Seattle's Waterways (the Plan) to reduce overflows and discharge of pollutants from combined sewers and the storm drain system. The City must control sewer discharges to protect public health, the environment, to comply with the Clean Water Act, the United States District Court Consent Decree, and State regulations. On May 29, 2015, the City submitted the plan to EPA and Ecology for approval. The Plan recommends a Shared West Ship Canal Project (or the "Ship Canal Water Quality Project") between SPU and King County to provide offline storage of Combined Sewer Overflows for SPU Ballard CSO basins (outfalls 150/151 and 152), Fremont/Wallingford CSO basins (outfalls 147 and 174), King County's 3rd Ave West regulator (DSN 008) and King County's 15th avenue NW Regulator (DSN 004). The Project has a storage capacity of 15.24 million gallons and will bring the seven CSO basins into compliance with the State's control standard of one untreated overflow per year per outfall on a 20-year moving average. Note all City/County funding allocations are for informational purposes, only. Actual resource allocations will be determined through ongoing project governance agreements and interagency coordination between the City and King County.

## CIP Staged Oversight Proviso

Of the funds appropriated in the Combined Sewer Overflow Budget Control Level for the Ship Canal Water Quality Project Storage Tunnel (C315503) (adopted in the 2018-2023 Capital Improvement Program), no funds may be spent on physical construction 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, in a format requested by that committee's chair.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	27,253	18,703	13,159	16,524	61,990	88,248	65,865	41,278	333,020
King County Funds	10,968	3,030	6,699	8,898	33,379	47,518	32,774	18,134	161,400
<b>Total:</b>	<b>38,221</b>	<b>21,732</b>	<b>19,858</b>	<b>25,422</b>	<b>95,370</b>	<b>135,766</b>	<b>98,639</b>	<b>59,412</b>	<b>494,420</b>

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

**2018 - 2023 Proposed Capital Improvement Program**

## SPU-Drainage & Wastewater

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	38,221	21,732	19,858	25,422	95,370	135,766	98,639	59,412	494,420
<b>Total:</b>	38,221	21,732	19,858	25,422	95,370	135,766	98,639	59,412	494,420

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	38,221	21,732	19,858	25,422	95,370	135,766	98,639	59,412	494,420
<b>Total:</b>	38,221	21,732	19,858	25,422	95,370	135,766	98,639	59,412	494,420

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

**Sound Transit - North Link - DWF**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C4135-DWF
<b>Start/End Date:</b>	2012-2030	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Shared Cost Projects
<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>	\$1,067	<b>Urban Village:</b>	Multiple

This project funds relocation, replacement, and protection of drainage and wastewater infrastructure affected by the development of Sound Transit's Link Light Rail System. Sound Transit is constructing the third segment of their electrical light rail transit system that includes 4.3 mile light rail extension, three additional stations, and other supporting facilities from the University of Washington to Northgate.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	496	155	149	112	90	13	0	0	1,014
<b>Total:</b>	496	155	149	112	90	13	0	0	1,014

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	496	155	149	112	90	13	0	0	1,014
<b>Total:</b>	496	155	149	112	90	13	0	0	1,014

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	496	207	149	112	90	13	0	0	1,067
<b>Total:</b>	496	207	149	112	90	13	0	0	1,067

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## SPU-Drainage & Wastewater

### Sound Transit-East Link

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C4122-DWF
<b>Start/End Date:</b>	2013-2019	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Shared Cost Projects
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$245	<b>Urban Village:</b>	Not in an Urban Village

This project funds relocation, replacement, and protection of drainage and wastewater infrastructure affected by the development of Sound Transit's Link Light Rail System. Sound Transit is constructing the next segment of their electrical light rail transit system that includes 14 mile light rail extension, 10 additional stations total (one in Seattle) and other supporting facilities from the International District (ID) across I-90 to Bellevue/Redmond.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	29	105	50	25	0	0	0	0	209
<b>Total:</b>	29	105	50	25	0	0	0	0	209

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	29	105	50	25	0	0	0	0	209
<b>Total:</b>	29	105	50	25	0	0	0	0	209

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	29	141	50	25	0	0	0	0	245
<b>Total:</b>	29	141	50	25	0	0	0	0	245

	2018	2019	2020	2021	2022	2023	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

### South Park Stormwater Program

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C3806
<b>Start/End Date:</b>	2006-2025	<b>BCL/Program Code:</b>	C380B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Flooding, Sewer Back-up, and Landslides
<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>	\$55,652	<b>Urban Village:</b>	Greater Duwamish

This project constructs a pump station (PS), a water quality facility (WQF), and additional drainage conveyance in South Park. The PS allows the existing storm drain trunk to meet the 2004 Comprehensive Drainage Plan level of service and allows future projects expanding the collection system to address flooding complaints. The WQF will treat most stormwater flows from the basin, reducing pollutant loading to the Duwamish. Excessive flows will bypass the WQF and be pumped directly to the river. This project was formerly titled "South Park Pump Station."

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	10,594	5,267	4,729	10,231	14,702	11,547	784	63	57,918
<b>Total:</b>	10,594	5,267	4,729	10,231	14,702	11,547	784	63	57,918

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	10,594	5,267	4,729	10,231	14,702	11,547	784	63	57,918
<b>Total:</b>	10,594	5,267	4,729	10,231	14,702	11,547	784	63	57,918

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	10,594	3,002	4,729	10,231	14,702	11,547	784	63	55,652
<b>Total:</b>	10,594	3,002	4,729	10,231	14,702	11,547	784	63	55,652

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Streetcar Related Projects - DWF

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C4130-DWF
<b>Start/End Date:</b>	2009-2020	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$17,554	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	463	902	9,032	4,029	1,795	0	0	0	16,222
<b>Total:</b>	463	902	9,032	4,029	1,795	0	0	0	16,222

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	463	902	9,032	4,029	1,795	0	0	0	16,222
<b>Total:</b>	463	902	9,032	4,029	1,795	0	0	0	16,222

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	463	2,234	9,032	4,029	1,795	0	0	0	17,554
<b>Total:</b>	463	2,234	9,032	4,029	1,795	0	0	0	17,554

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

### 1% for the Arts - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4118-DWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	3,564	625	722	1,044	1,223	1,316	929	646	10,068
<b>Total:</b>	3,564	625	722	1,044	1,223	1,316	929	646	10,068

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	3,564	625	722	1,044	1,223	1,316	929	646	10,068
<b>Total:</b>	3,564	625	722	1,044	1,223	1,316	929	646	10,068

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	3,564	625	722	1,044	1,223	1,316	929	646	10,068
<b>Total:</b>	3,564	625	722	1,044	1,223	1,316	929	646	10,068

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

### Broadview Long Term Plan

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C3812
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C380B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Flooding, Sewer Back-up, and Landslides
		<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 ongoing program addresses longstanding drainage and wastewater problems to alleviate sewer backups and localized flooding. Portions of the Broadview neighborhood endure capacity limitations of the sanitary sewer resulting in sewer backups into residences during wet weather events for which the City has paid historical claims dating back to 1996. Multiple conditions contribute to wastewater and drainage inadequacies. The Broadview Program plans individual capital projects to address these problems.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	5,305	4,348	2,624	8,468	9,203	4,395	50	0	34,393
<b>Total:</b>	5,305	4,348	2,624	8,468	9,203	4,395	50	0	34,393

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	5,305	4,348	2,624	8,468	9,203	4,395	50	0	34,393
<b>Total:</b>	5,305	4,348	2,624	8,468	9,203	4,395	50	0	34,393

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	5,305	4,348	2,624	8,468	9,203	4,395	50	0	34,393
<b>Total:</b>	5,305	4,348	2,624	8,468	9,203	4,395	50	0	34,393

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

### Combined Sewer Overflow Facility Retrofit

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C3611
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C360B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	24,278	7,033	8,442	12,006	1,480	4,100	6,700	6,500	70,540
<b>Total:</b>	24,278	7,033	8,442	12,006	1,480	4,100	6,700	6,500	70,540

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	24,278	7,033	8,442	12,006	1,480	4,100	6,700	6,500	70,540
<b>Total:</b>	24,278	7,033	8,442	12,006	1,480	4,100	6,700	6,500	70,540

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	24,278	7,033	8,442	12,006	1,480	4,100	6,700	6,500	70,540
<b>Total:</b>	24,278	7,033	8,442	12,006	1,480	4,100	6,700	6,500	70,540

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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

### Creek Culvert Replacement Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C3314
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C333B
<b>Project Category:</b>	Improved Facility	<b>BCL/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 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 risks and benefits of the project, including flooding, risk of failure, operations and maintenance needs and benefits.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	3,025	2,811	1,662	2,431	92	0	0	0	10,020
<b>Total:</b>	3,025	2,811	1,662	2,431	92	0	0	0	10,020

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	3,025	2,811	1,662	2,431	92	0	0	0	10,020
<b>Total:</b>	3,025	2,811	1,662	2,431	92	0	0	0	10,020

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	3,025	2,811	1,662	2,431	92	0	0	0	10,020
<b>Total:</b>	3,025	2,811	1,662	2,431	92	0	0	0	10,020

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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 - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4120-DWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	1	100	100	100	100	0	0	0	401
<b>Total:</b>	1	100	100	100	100	0	0	0	401

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	1	100	100	100	100	0	0	0	401
<b>Total:</b>	1	100	100	100	100	0	0	0	401

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	1	100	100	100	100	0	0	0	401
<b>Total:</b>	1	100	100	100	100	0	0	0	401

	2018	2019	2020	2021	2022	2023	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

### Future CSO Projects

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C3612
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C360B
<b>Project Category:</b>	Improved Facility	<b>BCL/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 will be identified through the CSO Long-Term Control Plan (LTCP). Future 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	0	0	1,356	1,356	2,542	7,145	5,486	30,437	48,321
<b>Total:</b>	0	0	1,356	1,356	2,542	7,145	5,486	30,437	48,321

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	0	0	1,356	1,356	2,542	7,145	5,486	30,437	48,321
<b>Total:</b>	0	0	1,356	1,356	2,542	7,145	5,486	30,437	48,321

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	0	0	1,356	1,356	2,542	7,145	5,486	30,437	48,321
<b>Total:</b>	0	0	1,356	1,356	2,542	7,145	5,486	30,437	48,321

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

### Green Stormwater Infrastructure Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C3610
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C360B
<b>Project Category:</b>	Improved Facility	<b>BCL/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 roadside bioretention and the RainWise program. RainWise provides financial incentives to private property owners within our uncontrolled CSO basins 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	18,566	2,600	2,229	1,750	1,650	1,000	1,000	1,000	29,795
<b>Total:</b>	18,566	2,600	2,229	1,750	1,650	1,000	1,000	1,000	29,795

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	18,566	2,600	2,229	1,750	1,650	1,000	1,000	1,000	29,795
<b>Total:</b>	18,566	2,600	2,229	1,750	1,650	1,000	1,000	1,000	29,795

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	18,566	2,600	2,229	1,750	1,650	1,000	1,000	1,000	29,795
<b>Total:</b>	18,566	2,600	2,229	1,750	1,650	1,000	1,000	1,000	29,795

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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

### GSI for Protection of Beneficial Uses

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C3316
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C333B
<b>Project Category:</b>	Improved Facility	<b>BCL/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, as well as potential expansion of private property incentives for construction of properly sized and installed rain gardens or cisterns (RainWise program) into creek watersheds. 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 (the Long Term Control Plan requirement within our Consent Decree) while coordinating with SDOT and community groups to deliver co-benefits such as sidewalks.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	16,525	6,077	8,350	11,592	13,166	12,541	14,306	14,225	96,782
<b>Total:</b>	16,525	6,077	8,350	11,592	13,166	12,541	14,306	14,225	96,782

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	16,525	6,077	8,350	11,592	13,166	12,541	14,306	14,225	96,782
<b>Total:</b>	16,525	6,077	8,350	11,592	13,166	12,541	14,306	14,225	96,782

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	16,525	6,077	8,350	11,592	13,166	12,541	14,306	14,225	96,782
<b>Total:</b>	16,525	6,077	8,350	11,592	13,166	12,541	14,306	14,225	96,782

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program



## SPU-Drainage & Wastewater

### Heavy Equipment Purchases - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4116-DWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	11,740	2,760	2,801	2,904	3,300	2,261	2,456	2,363	30,584
<b>Total:</b>	11,740	2,760	2,801	2,904	3,300	2,261	2,456	2,363	30,584
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	11,740	2,760	2,801	2,904	3,300	2,261	2,456	2,363	30,584
<b>Total:</b>	11,740	2,760	2,801	2,904	3,300	2,261	2,456	2,363	30,584
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	11,740	2,760	2,801	2,904	3,300	2,261	2,456	2,363	30,584
<b>Total:</b>	11,740	2,760	2,801	2,904	3,300	2,261	2,456	2,363	30,584
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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>	C4108-DWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	1,327	250	250	250	250	0	0	0	2,327
<b>Total:</b>	1,327	250	250	250	250	0	0	0	2,327

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	1,327	250	250	250	250	0	0	0	2,327
<b>Total:</b>	1,327	250	250	250	250	0	0	0	2,327

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	1,327	250	250	250	250	0	0	0	2,327
<b>Total:</b>	1,327	250	250	250	250	0	0	0	2,327

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

### Localized Flood Control Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C3802
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C380B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Flooding, Sewer Back-up, and Landslides
		<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 local drainage and wastewater projects to improve system capacity or increase the existing level of service. Candidate projects are identified through claims, complaints, studies, and field investigations. Drainage and Landslide Spot projects are also included within this program. The Localized Flood Control Program improves Drainage and Wastewater levels of service.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	17,132	2,396	2,270	3,024	1,874	1,724	3,724	3,304	35,448
<b>Total:</b>	17,132	2,396	2,270	3,024	1,874	1,724	3,724	3,304	35,448

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	17,132	2,396	2,270	3,024	1,874	1,724	3,724	3,304	35,448
<b>Total:</b>	17,132	2,396	2,270	3,024	1,874	1,724	3,724	3,304	35,448

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	17,132	2,396	2,270	3,024	1,874	1,724	3,724	3,304	35,448
<b>Total:</b>	17,132	2,396	2,270	3,024	1,874	1,724	3,724	3,304	35,448

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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>	C4101-DWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	5,806	552	554	561	567	481	491	500	9,512
<b>Total:</b>	5,806	552	554	561	567	481	491	500	9,512

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	5,806	552	554	561	567	481	491	500	9,512
<b>Total:</b>	5,806	552	554	561	567	481	491	500	9,512

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	5,806	552	554	561	567	481	491	500	9,512
<b>Total:</b>	5,806	552	554	561	567	481	491	500	9,512

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	C4119-DWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	38	1,551	17,360	28,381	17,397	16,601	10,849	9,411	101,587
<b>Total:</b>	38	1,551	17,360	28,381	17,397	16,601	10,849	9,411	101,587

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	38	1,551	17,360	28,381	17,397	16,601	10,849	9,411	101,587
<b>Total:</b>	38	1,551	17,360	28,381	17,397	16,601	10,849	9,411	101,587

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	38	1,551	17,360	28,381	17,397	16,601	10,849	9,411	101,587
<b>Total:</b>	38	1,551	17,360	28,381	17,397	16,601	10,849	9,411	101,587

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

### Operational Facility - Construction - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4106-DWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	13,408	9,510	20,588	28,333	14,915	7,115	3,492	2,810	100,170
<b>Total:</b>	13,408	9,510	20,588	28,333	14,915	7,115	3,492	2,810	100,170

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	13,408	9,510	20,588	28,333	14,915	7,115	3,492	2,810	100,170
<b>Total:</b>	13,408	9,510	20,588	28,333	14,915	7,115	3,492	2,810	100,170

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	13,408	9,510	20,588	28,333	14,915	7,115	3,492	2,810	100,170
<b>Total:</b>	13,408	9,510	20,588	28,333	14,915	7,115	3,492	2,810	100,170

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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

### Operations Control Center - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4105-DWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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, 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	2,963	182	0	0	0	0	0	0	3,145
<b>Total:</b>	2,963	182	0	0	0	0	0	0	3,145

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	2,963	182	0	0	0	0	0	0	3,145
<b>Total:</b>	2,963	182	0	0	0	0	0	0	3,145

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	2,963	182	0	0	0	0	0	0	3,145
<b>Total:</b>	2,963	182	0	0	0	0	0	0	3,145

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

### Other Major Transportation Projects - DWF

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4123-DWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	933	175	627	750	55	0	0	0	2,540
<b>Total:</b>	933	175	627	750	55	0	0	0	2,540
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	933	175	627	750	55	0	0	0	2,540
<b>Total:</b>	933	175	627	750	55	0	0	0	2,540
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	933	175	627	750	55	0	0	0	2,540
<b>Total:</b>	933	175	627	750	55	0	0	0	2,540
			2018	2019	2020	2021	2022	2023	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>	C3708
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C370B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	1,348	1,550	647	1,100	1,500	1,500	1,500	1,500	10,645
<b>Total:</b>	1,348	1,550	647	1,100	1,500	1,500	1,500	1,500	10,645

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	1,348	1,550	647	1,100	1,500	1,500	1,500	1,500	10,645
<b>Total:</b>	1,348	1,550	647	1,100	1,500	1,500	1,500	1,500	10,645

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	1,348	1,550	647	1,100	1,500	1,500	1,500	1,500	10,645
<b>Total:</b>	1,348	1,550	647	1,100	1,500	1,500	1,500	1,500	10,645

			2018	2019	2020	2021	2022	2023	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

### Pipe Renewal Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C3710
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C370B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	44,480	24,300	27,228	24,429	24,194	26,694	26,694	25,794	223,812
<b>Total:</b>	44,480	24,300	27,228	24,429	24,194	26,694	26,694	25,794	223,812

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	44,480	24,300	27,228	24,429	24,194	26,694	26,694	25,794	223,812
<b>Total:</b>	44,480	24,300	27,228	24,429	24,194	26,694	26,694	25,794	223,812

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	44,480	24,300	27,228	24,429	24,194	26,694	26,694	25,794	223,812
<b>Total:</b>	44,480	24,300	27,228	24,429	24,194	26,694	26,694	25,794	223,812

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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

### Protection of Beneficial Uses Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C3317
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C333B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	7,847	1,000	1,719	4,893	7,508	1,000	106	3	24,075
<b>Total:</b>	7,847	1,000	1,719	4,893	7,508	1,000	106	3	24,075
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	7,847	1,000	1,719	4,893	7,508	1,000	106	3	24,075
<b>Total:</b>	7,847	1,000	1,719	4,893	7,508	1,000	106	3	24,075
<b>Spending Plan</b>									
Drainage and Wastewater Fund	7,847	1,000	1,719	4,893	7,508	1,000	106	3	24,075
<b>Total:</b>	7,847	1,000	1,719	4,893	7,508	1,000	106	3	24,075
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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

### Pump Station and Force Main Improvements

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C3703
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C370B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	5,090	5,425	11,214	14,548	5,667	4,020	4,020	4,000	53,985
<b>Total:</b>	5,090	5,425	11,214	14,548	5,667	4,020	4,020	4,000	53,985

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	5,090	5,425	11,214	14,548	5,667	4,020	4,020	4,000	53,985
<b>Total:</b>	5,090	5,425	11,214	14,548	5,667	4,020	4,020	4,000	53,985

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	5,090	5,425	11,214	14,548	5,667	4,020	4,020	4,000	53,985
<b>Total:</b>	5,090	5,425	11,214	14,548	5,667	4,020	4,020	4,000	53,985

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	C3804
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C380B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Flooding, Sewer Back-up, and Landslides
		<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 sanitary sewer service to Seattle customers by addressing current and projected capacity limitations of the wastewater system through structural (CIP) improvements. Such improvements may include demand management measures such as infiltration and inflow (I/I) reduction, increased conveyance capacity, and individual customer measures such as installation of backflow preventers or grinder pumps to reduce the risk that customers will experience backups of sewage into their homes and businesses during storm events.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	7,931	7,035	6,943	9,494	10,857	8,405	8,000	7,300	65,966
<b>Total:</b>	7,931	7,035	6,943	9,494	10,857	8,405	8,000	7,300	65,966
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	7,931	7,035	6,943	9,494	10,857	8,405	8,000	7,300	65,966
<b>Total:</b>	7,931	7,035	6,943	9,494	10,857	8,405	8,000	7,300	65,966
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	7,931	7,035	6,943	9,494	10,857	8,405	8,000	7,300	65,966
<b>Total:</b>	7,931	7,035	6,943	9,494	10,857	8,405	8,000	7,300	65,966
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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>	C4113-DWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	157	109	113	210	165	113	113	185	1,163
<b>Total:</b>	157	109	113	210	165	113	113	185	1,163

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	157	109	113	210	165	113	113	185	1,163
<b>Total:</b>	157	109	113	210	165	113	113	185	1,163

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	157	109	113	210	165	113	113	185	1,163
<b>Total:</b>	157	109	113	210	165	113	113	185	1,163

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	C3503
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C350B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Drainage and Wastewater Rates	29,042	6,855	6,489	7,343	8,753	6,178	15,712	16,222	96,594
<b>Total:</b>	29,042	6,855	6,489	7,343	8,753	6,178	15,712	16,222	96,594

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Drainage and Wastewater Fund	29,042	6,855	6,489	7,343	8,753	6,178	15,712	16,222	96,594
<b>Total:</b>	29,042	6,855	6,489	7,343	8,753	6,178	15,712	16,222	96,594

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Drainage and Wastewater Fund	29,042	6,855	6,489	7,343	8,753	6,178	15,712	16,222	96,594
<b>Total:</b>	29,042	6,855	6,489	7,343	8,753	6,178	15,712	16,222	96,594

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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**



### 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
- Three closed landfills previously used by the City

The Solid Waste Fund (SWF) 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 \$72 million over the next six years, from 2018 through 2023.

Major anticipated projects include:

- constructing a recycling/re-use facility at the South Transfer Station; and
- cleanup of the historic South Park Landfill at the South Park Development Project.

These projects comprise roughly 68% of the CIP. Other significant projects include the possible enhancements to the South Household Hazardous Waste facility and the SPU's annual fleet and equipment investment.

### CIP Revenue Sources

The majority 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 2018 bond issue which would provide the remaining funds needed to complete planned SWF CIP projects through 2023. 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.

CIP Highlights

**2018-2023 Proposed Solid Waste Fund CIP by BCL**  
(In '000s; total may not sum due to rounding)

BCL	2018	2019	2020	2021	2022	2023	Total
New Facilities	3,623	17,934	19,797	3,661	100	100	<b>45,214</b>
Rehabilitation and Heavy Equipment	270	225	140	85	45	45	<b>810</b>
Shared Cost Projects	1,894	1,755	3,978	2,285	3,000	3,064	<b>15,975</b>
Technology	3,244	1,438	1,093	1,511	1,511	1,511	<b>10,308</b>
<b>Total</b>	<b>9,031</b>	<b>21,352</b>	<b>25,007</b>	<b>7,542</b>	<b>4,656</b>	<b>4,720</b>	<b>72,308</b>

**New Facilities:** This program plans, designs, and constructs new facilities to enhance solid waste operations. In 2018, 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 delayed the South Park Development project.

**Rehabilitation and Heavy Equipment:** This program designs and constructs projects to repair and/or upgrade solid waste facilities. The key driver of this BCL is the 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 decrease in 2018. The key driver is the delay of the Seattle Municipal Tower (SMT) Relocation Program project with the costs shifted into future years.

**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

**2018-2023 Proposed Capital Improvement Plan**

- Project Delivery & Performance
- Science & System Performance
- Asset Information Management

Investments in 2018 address several of SPU’s key initiatives, including:

- Financial Management and Internal Controls
- Operational Excellence and Performance Management
- Engaged Customer Experience
- Data-driven Decision Support
- Project Delivery and Project Controls

SPU’s slight increase in 2018 will focus technology spending on the highest priority business needs, primarily within the Customer Contact and Billing program, Enterprise Information Management and Project Delivery program areas.

With the New Customer Information System in place, one of the biggest drivers within the program would be the Customer Self-Service Portal. The Enterprise Information Management planned projects for 2018 include Automation of Paper Process (automated forms) as well as Document Controls to support major cross-Branch and inter-agency projects and programs. SPU’s portion of the Summit Re-Implementation project and integration of SPU financial side-systems are the main components within the Project Delivery and Performance program area.

### **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).

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 HHW 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. At the same time that 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.

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 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.

SPU has revived an intermittent, ongoing project to the Solid Waste Fund CIP. This project is the Solid Waste Comprehensive Plan Update (SW Comp Plan Update). The plan must be updated every five years which is required by Washington State Code for a Seattle Solid Waste Management Plan. The project has been reactivated in the 2018-2023 Proposed CIP, but is not a new body of work for the Utility.

### **Spending Plan Variance**

As part of the 2018-2023 Proposed CIP, departments are now required to report Total Project Cost for discrete projects. Due to technical system limitations and SPU's unique planning processes, the 2017 Revised figures for Fund Appropriations/Allocations lines do not reflect SPU's most up-to-date total project cost expectations for some project pages. For this data, please see the Spending Plan line and Total Project Cost figure on the project page for the following projects in the Solid Waste Fund:

- C2302: South Transfer Station Rebuild
- C2304: South Park Development
- C2305: South Recycling Disposal Station Household Hazardous Waste Relocation
- C2306: North Transfer Station Rebuild
- C2407: SW Comp Plan Update

### **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 SWF CIP spending will return to between \$4 and \$5 million annually after this project is completed.

After 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 (STS2) is to retain enough space to take advantage for future technologies and innovations, and possibly construct a Material Recovery Facility (MRF) 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	2017	2018	2019	2020	2021	2022	2023	Total
<b>New Facilities</b>									<b>C230B</b>
<u>Discrete</u>									
North Transfer Station Rebuild (C2306)	104,795	4,457	20	0	0	0	0	0	109,272
South Park Development (C2304)	4,799	1,608	579	4,551	5,183	744	0	0	17,464
South Recycling Disposal Station Household Hazardous Waste Relocation (C2305)	5	281	130	100	100	0	0	0	616
South Transfer Station Rebuild (C2302)	3,077	5,125	2,286	12,212	14,093	2,766	0	0	39,559
<u>Ongoing</u>									
Miscellaneous Station Improvements (C2303)	2,870	866	608	1,071	421	150	100	100	6,186
<b>New Facilities</b>	115,546	12,337	3,623	17,934	19,797	3,661	100	100	173,098
<b>Rehabilitation and Heavy Equipment</b>									<b>C240B</b>
<u>Discrete</u>									
SW Comp Plan Update (C2407)	0	0	150	150	100	50	0	0	450
<u>Ongoing</u>									
Kent Highlands Landfill (C2402)	275	50	50	25	15	15	25	25	480
Midway Landfill (C2403)	119	743	70	50	25	20	20	20	1,068
<b>Rehabilitation and Heavy Equipment</b>	395	793	270	225	140	85	45	45	1,998
<b>Shared Cost Projects</b>									<b>C410B</b>
<u>Ongoing</u>									
1% for the Arts - SWF (C4118-SWF)	1,896	66	28	123	146	34	6	7	2,306
Heavy Equipment Purchases - SWF (C4116-SWF)	7,687	1,503	1,270	1,366	3,232	1,476	2,260	2,152	20,946
Operational Facility - Construction - SWF (C4106-SWF)	543	1,197	496	101	466	674	634	739	4,849
Operations Control Center - SWF (C4105-SWF)	864	59	0	0	0	0	0	0	923

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

### 2018 - 2023 Proposed Capital Improvement Program



Security Improvements - SWF (C4113-SWF)	467	173	100	165	135	100	100	165	1,404
<b>Shared Cost Projects</b>	11,456	2,997	1,894	1,755	3,978	2,285	3,000	3,064	30,428
<b>Technology</b>								<b>BCL/Program Code:</b>	<b>C510B</b>
<u>Ongoing</u>									
Asset Information Management (C5407)	90	503	165	285	190	300	300	300	2,133
Customer Contact & Billing (C5402)	13,819	7,274	1,631	353	375	150	150	150	23,902
Enterprise Information Management (C5403)	58	181	113	319	78	300	300	300	1,648
IT Infrastructure (C5404)	241	87	126	174	281	266	266	266	1,709
Project Delivery & Performance (C5405)	648	3,397	1,178	308	169	255	255	255	6,464
Science & System Performance (C5406)	559	0	30	0	0	240	240	240	1,309
<b>Technology</b>	15,415	11,442	3,244	1,438	1,093	1,511	1,511	1,511	37,165
<b>Department Total:</b>	142,812	27,569	9,031	21,352	25,007	7,542	4,656	4,720	242,689

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

### 2018 - 2023 Proposed Capital Improvement Program

**SPU-Solid Waste**

**Fund Summary**

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total</b>
Solid Waste Fund (45010)	142,812	27,569	9,031	21,352	25,007	7,542	4,656	4,720	242,689
<b>Department Total:</b>	142,812	27,569	9,031	21,352	25,007	7,542	4,656	4,720	242,689

*\*Amounts in thousands of dollars*

**North Transfer Station Rebuild**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C2306
<b>Start/End Date:</b>	2006-2018	<b>BCL/Program Code:</b>	C230B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	New Facilities
<b>Current Project Stage:</b>	Closeout	<b>Location:</b>	N 34th St
<b>Neighborhood District:</b>	Lake Union	<b>Council District:</b>	4
<b>Total Project Cost:</b>	\$108,062	<b>Urban Village:</b>	Not in an Urban Village

The project constructs a new North Recycling and Disposal Station to replace the existing, aging facility. The new facility will meet customer and employee needs, regulatory requirements, and waste management goals for at least the next 50 years. Safety, operational, and capacity concerns at the existing transfer station necessitate building a new facility. The new facility will benefit the public by providing reliable transfer of solid waste from the City and preventing the accumulation of waste and unsanitary conditions within the City.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Solid Waste Rates	104,795	4,457	20	0	0	0	0	0	109,272
<b>Total:</b>	104,795	4,457	20	0	0	0	0	0	109,272

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	104,795	4,457	20	0	0	0	0	0	109,272
<b>Total:</b>	104,795	4,457	20	0	0	0	0	0	109,272

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	104,795	3,247	20	0	0	0	0	0	108,062
<b>Total:</b>	104,795	3,247	20	0	0	0	0	0	108,062

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**South Park Development**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C2304
<b>Start/End Date:</b>	2007-2021	<b>BCL/Program Code:</b>	C230B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$16,890	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Solid Waste Rates	4,799	1,608	579	4,551	5,183	744	0	0	17,464
<b>Total:</b>	4,799	1,608	579	4,551	5,183	744	0	0	17,464

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	4,799	1,608	579	4,551	5,183	744	0	0	17,464
<b>Total:</b>	4,799	1,608	579	4,551	5,183	744	0	0	17,464

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	4,799	1,034	579	4,551	5,183	744	0	0	16,890
<b>Total:</b>	4,799	1,034	579	4,551	5,183	744	0	0	16,890

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**South Recycling Disposal Station Household Hazardous Waste Relocation**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C2305
<b>Start/End Date:</b>	2015-2020	<b>BCL/Program Code:</b>	C230B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	New Facilities
<b>Current Project Stage:</b>	Initiation, Project Definition, & Planning	<b>Location:</b>	8105 5th Ave S
<b>Neighborhood District:</b>	Greater Duwamish	<b>Council District:</b>	1
<b>Total Project Cost:</b>	\$530	<b>Urban Village:</b>	Greater Duwamish

This project provides for modifications needed to the existing South Household Hazardous Waste (SHHW) facility and allows for facility improvements as required by code. This project and timeline is tied to the redevelopment of the existing South Recycling and Disposal Station (SRDS) site. Originally the project required relocation of the facility but during early planning work we found that we could retain the current facility as is.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Solid Waste Rates	5	281	130	100	100	0	0	0	616
<b>Total:</b>	5	281	130	100	100	0	0	0	616

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	5	281	130	100	100	0	0	0	616
<b>Total:</b>	5	281	130	100	100	0	0	0	616

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	5	195	130	100	100	0	0	0	530
<b>Total:</b>	5	195	130	100	100	0	0	0	530

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**South Transfer Station Rebuild**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C2302
<b>Start/End Date:</b>	2012-2021	<b>BCL/Program Code:</b>	C230B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$35,089	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Solid Waste Rates	3,077	5,125	2,286	12,212	14,093	2,766	0	0	39,559
<b>Total:</b>	3,077	5,125	2,286	12,212	14,093	2,766	0	0	39,559

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	3,077	5,125	2,286	12,212	14,093	2,766	0	0	39,559
<b>Total:</b>	3,077	5,125	2,286	12,212	14,093	2,766	0	0	39,559

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	3,077	655	2,286	12,212	14,093	2,766	0	0	35,089
<b>Total:</b>	3,077	655	2,286	12,212	14,093	2,766	0	0	35,089

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Comp Plan Update**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C2407
<b>Start/End Date:</b>	2017-2021	<b>BCL/Program Code:</b>	C240B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Rehabilitation and Heavy Equipment
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Solid Waste Rates	0	0	150	150	100	50	0	0	450
<b>Total:</b>	0	0	150	150	100	50	0	0	450

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	0	0	150	150	100	50	0	0	450
<b>Total:</b>	0	0	150	150	100	50	0	0	450

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	0	50	150	150	100	50	0	0	500
<b>Total:</b>	0	50	150	150	100	50	0	0	500

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 the Arts - SWF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4118-SWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Solid Waste Rates	1,896	66	28	123	146	34	6	7	2,306
<b>Total:</b>	1,896	66	28	123	146	34	6	7	2,306

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	1,896	66	28	123	146	34	6	7	2,306
<b>Total:</b>	1,896	66	28	123	146	34	6	7	2,306

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	1,896	66	28	123	146	34	6	7	2,306
<b>Total:</b>	1,896	66	28	123	146	34	6	7	2,306

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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



**Heavy Equipment Purchases - SWF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4116-SWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Solid Waste Rates	7,687	1,503	1,270	1,366	3,232	1,476	2,260	2,152	20,946
<b>Total:</b>	7,687	1,503	1,270	1,366	3,232	1,476	2,260	2,152	20,946
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	7,687	1,503	1,270	1,366	3,232	1,476	2,260	2,152	20,946
<b>Total:</b>	7,687	1,503	1,270	1,366	3,232	1,476	2,260	2,152	20,946
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	7,687	1,503	1,270	1,366	3,232	1,476	2,260	2,152	20,946
<b>Total:</b>	7,687	1,503	1,270	1,366	3,232	1,476	2,260	2,152	20,946
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Kent Highlands Landfill**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C2402
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C240B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Rehabilitation and Heavy Equipment
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Solid Waste Rates	275	50	50	25	15	15	25	25	480
<b>Total:</b>	275	50	50	25	15	15	25	25	480
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	275	50	50	25	15	15	25	25	480
<b>Total:</b>	275	50	50	25	15	15	25	25	480
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	275	50	50	25	15	15	25	25	480
<b>Total:</b>	275	50	50	25	15	15	25	25	480
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Midway Landfill**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C2403
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C240B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Rehabilitation and Heavy Equipment
		<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Solid Waste Rates	119	743	70	50	25	20	20	20	1,068
<b>Total:</b>	119	743	70	50	25	20	20	20	1,068
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	119	743	70	50	25	20	20	20	1,068
<b>Total:</b>	119	743	70	50	25	20	20	20	1,068
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	119	743	70	50	25	20	20	20	1,068
<b>Total:</b>	119	743	70	50	25	20	20	20	1,068
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Miscellaneous Station Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C2303
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C230B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Solid Waste Rates	2,870	866	608	1,071	421	150	100	100	6,186
<b>Total:</b>	2,870	866	608	1,071	421	150	100	100	6,186

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	2,870	866	608	1,071	421	150	100	100	6,186
<b>Total:</b>	2,870	866	608	1,071	421	150	100	100	6,186

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	2,870	866	608	1,071	421	150	100	100	6,186
<b>Total:</b>	2,870	866	608	1,071	421	150	100	100	6,186

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 - SWF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4106-SWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Solid Waste Rates	543	1,197	496	101	466	674	634	739	4,849
<b>Total:</b>	543	1,197	496	101	466	674	634	739	4,849

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	543	1,197	496	101	466	674	634	739	4,849
<b>Total:</b>	543	1,197	496	101	466	674	634	739	4,849

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	543	1,197	496	101	466	674	634	739	4,849
<b>Total:</b>	543	1,197	496	101	466	674	634	739	4,849

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Operations Control Center - SWF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4105-SWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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, 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Solid Waste Rates	864	59	0	0	0	0	0	0	923
<b>Total:</b>	864	59	0	0	0	0	0	0	923

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	864	59	0	0	0	0	0	0	923
<b>Total:</b>	864	59	0	0	0	0	0	0	923

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	864	59	0	0	0	0	0	0	923
<b>Total:</b>	864	59	0	0	0	0	0	0	923

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Security Improvements - SWF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4113-SWF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Solid Waste Rates	467	173	100	165	135	100	100	165	1,404
<b>Total:</b>	467	173	100	165	135	100	100	165	1,404

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Solid Waste Fund	467	173	100	165	135	100	100	165	1,404
<b>Total:</b>	467	173	100	165	135	100	100	165	1,404

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	467	173	100	165	135	100	100	165	1,404
<b>Total:</b>	467	173	100	165	135	100	100	165	1,404

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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**

## **Technology Projects**



# SPU-Technology

## Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
<b>Technology</b>									<b>C510B</b>
<u>Ongoing</u>									
Asset Information Management (C5407)	604	2,874	1,025	2,550	2,300	2,000	2,000	2,000	15,353
Customer Contact & Billing (C5402)	44,214	21,169	4,373	1,750	2,500	1,000	1,000	1,000	77,007
Enterprise Information Management (C5403)	846	1,973	755	2,200	500	2,000	2,000	2,000	12,274
IT Infrastructure (C5404)	2,096	666	979	1,250	1,850	1,750	1,750	1,750	12,092
Project Delivery & Performance (C5405)	4,180	22,200	7,707	2,050	1,100	1,700	1,700	1,700	42,337
Science & System Performance (C5406)	4,870	2,159	1,570	1,800	1,000	1,600	1,600	1,600	16,198
<b>Technology</b>	<b>56,811</b>	<b>51,041</b>	<b>16,409</b>	<b>11,600</b>	<b>9,250</b>	<b>10,050</b>	<b>10,050</b>	<b>10,050</b>	<b>175,261</b>
<b>Department Total:</b>	<b>56,811</b>	<b>51,041</b>	<b>16,409</b>	<b>11,600</b>	<b>9,250</b>	<b>10,050</b>	<b>10,050</b>	<b>10,050</b>	<b>175,261</b>

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

### 2018 - 2023 Proposed Capital Improvement Program

## SPU-Technology

### Fund Summary

Fund Name & Code	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
Drainage and Wastewater Fund (44010)	20,662	18,954	6,135	4,677	3,951	4,298	4,298	4,298	67,272
Solid Waste Fund (45010)	15,415	11,442	3,244	1,438	1,093	1,511	1,511	1,511	37,165
Water Fund (43000)	20,734	20,645	7,031	5,485	4,207	4,241	4,241	4,241	70,825
<b>Department Total:</b>	56,811	51,041	16,409	11,600	9,250	10,050	10,050	10,050	175,261

*\*Amounts in thousands of dollars*

**2018 - 2023 Proposed Capital Improvement Program**

**Asset Information Management**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C5407
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C510B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	256	1,306	252	1,076	1,082	840	840	840	6,492
Drainage and Wastewater Rates	259	1,065	608	1,189	1,028	860	860	860	6,728
Solid Waste Rates	90	503	165	285	190	300	300	300	2,133
<b>Total:</b>	604	2,874	1,025	2,550	2,300	2,000	2,000	2,000	15,353
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	256	1,306	252	1,076	1,082	840	840	840	6,492
Drainage and Wastewater Fund	259	1,065	608	1,189	1,028	860	860	860	6,728
Solid Waste Fund	90	503	165	285	190	300	300	300	2,133
<b>Total:</b>	604	2,874	1,025	2,550	2,300	2,000	2,000	2,000	15,353
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	256	1,306	252	1,076	1,082	840	840	840	6,492
Drainage and Wastewater Fund	259	1,065	608	1,189	1,028	860	860	860	6,728
Solid Waste Fund	90	503	165	285	190	300	300	300	2,133
<b>Total:</b>	604	2,874	1,025	2,550	2,300	2,000	2,000	2,000	15,353

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Customer Contact & Billing**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C5402
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C510B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	16,036	7,075	1,391	720	1,100	420	420	420	27,582
Drainage and Wastewater Rates	14,359	6,820	1,351	678	1,025	430	430	430	25,523
Solid Waste Rates	13,819	7,274	1,631	353	375	150	150	150	23,902
<b>Total:</b>	44,214	21,169	4,373	1,750	2,500	1,000	1,000	1,000	77,007

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	16,036	7,075	1,391	720	1,100	420	420	420	27,582
Drainage and Wastewater Fund	14,359	6,820	1,351	678	1,025	430	430	430	25,523
Solid Waste Fund	13,819	7,274	1,631	353	375	150	150	150	23,902
<b>Total:</b>	44,214	21,169	4,373	1,750	2,500	1,000	1,000	1,000	77,007

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	16,036	7,075	1,391	720	1,100	420	420	420	27,582
Drainage and Wastewater Fund	14,359	6,820	1,351	678	1,025	430	430	430	25,523
Solid Waste Fund	13,819	7,274	1,631	353	375	150	150	150	23,902
<b>Total:</b>	44,214	21,169	4,373	1,750	2,500	1,000	1,000	1,000	77,007

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

**2018 - 2023 Proposed Capital Improvement Program**

## SPU-Technology

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program



**Enterprise Information Management**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C5403
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C510B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	631	1,091	317	1,013	224	840	840	840	5,796
Drainage and Wastewater Rates	157	702	325	868	199	860	860	860	4,831
Solid Waste Rates	58	181	113	319	78	300	300	300	1,648
<b>Total:</b>	846	1,973	755	2,200	500	2,000	2,000	2,000	12,274

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	631	1,091	317	1,013	224	840	840	840	5,796
Drainage and Wastewater Fund	157	702	325	868	199	860	860	860	4,831
Solid Waste Fund	58	181	113	319	78	300	300	300	1,648
<b>Total:</b>	846	1,973	755	2,200	500	2,000	2,000	2,000	12,274

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	631	1,091	317	1,013	224	840	840	840	5,796
Drainage and Wastewater Fund	157	702	325	868	199	860	860	860	4,831

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

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	58	181	113	319	78	300	300	300	1,648
<b>Total:</b>	846	1,973	755	2,200	500	2,000	2,000	2,000	12,274
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

**IT Infrastructure**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C5404
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C510B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	675	249	362	505	819	755	755	755	4,875
Drainage and Wastewater Rates	1,180	330	491	572	750	729	729	729	5,507
Solid Waste Rates	241	87	126	174	281	266	266	266	1,709
<b>Total:</b>	2,096	666	979	1,250	1,850	1,750	1,750	1,750	12,092

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	675	249	362	505	819	755	755	755	4,875
Drainage and Wastewater Fund	1,180	330	491	572	750	729	729	729	5,507
Solid Waste Fund	241	87	126	174	281	266	266	266	1,709
<b>Total:</b>	2,096	666	979	1,250	1,850	1,750	1,750	1,750	12,092

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	675	249	362	505	819	755	755	755	4,875
Drainage and Wastewater Fund	1,180	330	491	572	750	729	729	729	5,507
Solid Waste Fund	241	87	126	174	281	266	266	266	1,709
<b>Total:</b>	2,096	666	979	1,250	1,850	1,750	1,750	1,750	12,092

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

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Project Delivery & Performance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C5405
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C510B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	1,868	9,835	3,405	871	482	714	714	714	18,604
Drainage and Wastewater Rates	1,664	8,968	3,124	871	449	731	731	731	17,269
Solid Waste Rates	648	3,397	1,178	308	169	255	255	255	6,464
<b>Total:</b>	4,180	22,200	7,707	2,050	1,100	1,700	1,700	1,700	42,337

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,868	9,835	3,405	871	482	714	714	714	18,604
Drainage and Wastewater Fund	1,664	8,968	3,124	871	449	731	731	731	17,269
Solid Waste Fund	648	3,397	1,178	308	169	255	255	255	6,464
<b>Total:</b>	4,180	22,200	7,707	2,050	1,100	1,700	1,700	1,700	42,337

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	1,868	9,835	3,405	871	482	714	714	714	18,604
Drainage and Wastewater Fund	1,664	8,968	3,124	871	449	731	731	731	17,269

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	648	3,397	1,178	308	169	255	255	255	6,464
<b>Total:</b>	4,180	22,200	7,707	2,050	1,100	1,700	1,700	1,700	42,337
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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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**2018 - 2023 Proposed Capital Improvement Program**

**Science & System Performance**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C5406
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C510B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	1,267	1,090	1,304	1,300	500	672	672	672	7,477
Drainage and Wastewater Rates	3,044	1,069	236	500	500	688	688	688	7,413
Solid Waste Rates	559	0	30	0	0	240	240	240	1,309
<b>Total:</b>	4,870	2,159	1,570	1,800	1,000	1,600	1,600	1,600	16,198

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,267	1,090	1,304	1,300	500	672	672	672	7,477
Drainage and Wastewater Fund	3,044	1,069	236	500	500	688	688	688	7,413
Solid Waste Fund	559	0	30	0	0	240	240	240	1,309
<b>Total:</b>	4,870	2,159	1,570	1,800	1,000	1,600	1,600	1,600	16,198

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	1,267	1,090	1,304	1,300	500	672	672	672	7,477
Drainage and Wastewater Fund	3,044	1,069	236	500	500	688	688	688	7,413

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Solid Waste Fund	559	0	30	0	0	240	240	240	1,309
<b>Total:</b>	4,870	2,159	1,570	1,800	1,000	1,600	1,600	1,600	16,198
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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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**2018 - 2023 Proposed Capital Improvement Program**



# **Seattle Public Utilities**

## **Water**



### Overview

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; and,
- 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 \$568 million over the next six years. Major projects include:

- water system improvements associated with transportation projects, including Move Seattle;
- 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 2018-2023 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 has updated the Water System Plan through 2018, a Washington Department of Health (WDOH) regulatory requirement.

**CIP Revenue Sources**

SPU’s Water CIP is funded largely by Water ratepayers. About 72% of the Water Fund’s Operating revenues come from retail ratepayers, split approximately evenly between residential and commercial customers. Another 21% of the Water Fund’s overall revenues come from wholesale purveyors who serve surrounding jurisdictions. The remaining 7% 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 64% of the CIP, with the remainder funded by cash and loan, 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 the SPU watermains. These “tap fees” are a volatile revenue source, trending with the construction-related sectors of the economy.

**2018-2023 Proposed Water Fund CIP by BCL**  
(In ‘000s; total may not sum due to rounding)

Water Fund	2018	2019	2020	2021	2022	2023	Total
Distribution	34,687	29,546	30,086	26,093	27,804	31,840	180,056
Transmission	9,662	11,325	8,029	12,585	4,390	5,198	51,189
Watershed Stewardship	977	84	165	105	65	75	1,471
Water Quality & Treatment	2,363	6,117	20,491	1,989	7,640	19,600	58,199
Water Resources	8,553	16,039	3,614	3,756	3,854	5,063	40,880
Habitat Conservation Program	1,959	1,847	1,447	1,504	1,392	1,314	9,464
Shared Cost Projects	51,027	41,889	37,979	28,212	18,844	18,878	196,830
Technology	7,031	5,485	4,207	4,241	4,241	4,241	29,446
<b>Grand Total</b>	<b>116,259</b>	<b>112,331</b>	<b>106,018</b>	<b>78,486</b>	<b>68,231</b>	<b>86,210</b>	<b>567,536</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 2018 are primarily due to increased costs for replacement of the feeder main on Third Ave W and other water main rehabilitation projects at multiple worksites across the city. Additionally, recently completed options analyses have led to increased cost estimates for interior/exterior recoating and potential seismic upgrades to the Beverly Park elevated tank.

**2018-2023 Proposed Capital Improvement Program**

**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.

Reductions in the **Transmission BCL** in 2018 are due primarily to the potential for lower cost alternatives for the Tolt Slide Improvements based on engineering studies that were recently completed. These decreases were off-set by increases for the 430 Pipeline Improvements and shifts in cash flow for the Cathodic Protection program.

**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. Three of these projects are being carried out in response to the Endangered Species Act's designation of the Chinook salmon as a threatened species.

- 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 smaller and lesser known but still essential 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.

There is no change in 2018 for **Watershed Stewardship BCL**.

**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.

Increases in the **Water Quality & Treatment BCL** are based on recently completed engineering studies for correcting seismic design flaws at the buried Beacon Reservoir in 2018.

**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, the Morse Lake Pump Plant, and Sockeye Broodstock Weir and other improvements associated with the hatchery and fish ladder.

Decreases in the **Water Resources BCL** in 2018 are due to refinements to the scope and cost estimate for the Hatchery Spring Water Redundancy (water for incubating sockeye salmon eggs) and Sockeye Broodstock Weir (facility used to collect adult sockeye for the hatchery) projects.

**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.

Decreases in 2018 in the **Habitat Conservation Program BCL** are due to completion of the Downstream Habitat Protection Landsburg mitigation.

**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 a number of interdepartmental programs and projects including Move Seattle Levy, Alaskan Way Viaduct and Seawall Replacement, Mercer Corridor and Sound Transit Link Light Rail. Funding is also included for SPU’s Heavy Equipment Purchases and a number of smaller projects.

The **Shared Cost Projects BCL** increases in 2018 are primarily due to the Move Seattle Levy projects. Additional increases are due to the Alaskan Way Viaduct & Seawall, Seattle Municipal Tower Relocation program and other Regional Facility projects. This is offset by lower projections in the Water Fund’s Integrated Control Monitoring Program, delays in other transportation projects, and First Hill Streetcar.

**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 2018 address several of SPU’s key initiatives, including:

- Financial Management and Internal Controls
- Operational Excellence and Performance Management
- Engaged Customer Experience
- Data-driven Decision Support
- Project Delivery and Project Controls

SPU’s slight increase in 2018 will focus technology spending on the highest priority business needs, primarily within the Customer Contact and Billing program, Enterprise Information Management and Project Delivery program areas.

With the New Customer Information System in place, one of the biggest drivers within the program would be the Customer Self-Service Portal. The Enterprise Information Management planned projects for 2018 include Automation of Paper Process (automated forms) as well as Document Controls to support major cross-Branch and inter-agency projects and programs. SPU’s portion of the Summit Re-Implementation project and integration of SPU financial side-systems are the main components within the Project Delivery and Performance program area.

### 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. SPU plans to decommission Roosevelt Reservoir, and further evaluate the possibility of decommissioning Volunteer Reservoir. However, permanent actions at these two reservoirs are not expected to occur until enough time has elapsed to observe the water system’s performance without them. 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

## 2018-2023 Proposed Capital Improvement Program

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. 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 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.

#### **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 2016, consumption was 30% below the peak of 1984, despite serving 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.

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 (HCP). 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 major projects.

Against the backdrop of these trends, the 2018-2023 Proposed 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.

**Spending Plan Variance**

As part of the 2018-2023 Proposed CIP, departments are now required to report Total Project Cost for discrete projects. Due to technical system limitations and SPU’s unique planning processes, the 2017 Revised figures for Fund Appropriations/Allocations lines do not reflect SPU’s most up-to-date total project cost expectations for some project pages. For this data, please see the Spending Plan line and Total Project Cost figure on the project page for the following projects in the Water Fund:

- C1408: Reservoir Covering - Beacon
- C1418: Reservoir Covering – Lake Forest Park
- C1419: Reservoir Covering – Bitter Lake
- C1607: Downstream Fish Habitat
- C4102-WF: Alaskan Way Viaduct & Seawall Replacement Program – WF
- C1422-WF: Sound Transit – East Link
- C1425: Sound Transit – Water Betterment
- C4130-WF: Streetcar Related Projects - WF

**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 6-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

**2018-2023 Proposed Capital Improvement Program**

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 will be developing a plan that will define recovery time to agreed levels of service and develop a prioritized list of recommended investments to improve resiliency.

**Technical Changes**

2017 Revised figures may not match previous years for select projects that were closed in 2017. These projects include:

- Reservoir Covering – Maple Leaf
- Morse Lake Pump Plant

Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
<b>Distribution</b>									<b>C110B</b>
<u>Ongoing</u>									
Chamber Upgrades - Distribution (C1137)	224	28	29	29	30	30	30	381	781
Distribution System Improvements (C1128)	11,228	2,010	3,004	3,500	3,000	3,000	3,000	4,000	32,742
Distribution System In-Line Gate Valves (C1136)	1,065	338	345	351	359	366	373	381	3,577
Multiple Utility Relocation (C1133)	6,666	500	505	500	500	500	500	500	10,172
Pump Station Improvements (C1135)	423	800	1,600	1,500	281	500	500	500	6,104
Tank Improvements (C1134)	4,735	265	729	2,747	5,487	800	2,060	4,250	21,072
Water Infrastructure - Distribution System Modifications (C1138)	285	104	115	108	110	113	115	118	1,068
Water Infrastructure - Hydrant Replacement/Relocation (C1110)	5,597	212	216	221	225	230	235	239	7,175
Water Infrastructure - New Hydrants (C1112)	673	13	13	13	14	14	14	15	768
Water Infrastructure - New Taps (C1113)	127,242	8,843	9,020	9,201	9,385	9,572	9,764	9,959	192,986
Water Infrastructure - Service Renewal (C1109)	118,424	7,722	5,837	4,953	5,072	5,193	5,317	5,443	157,962
Water Infrastructure - Watermain Extensions (C1111)	15,149	845	862	879	897	915	897	915	21,359
Watermain Rehabilitation (C1129)	12,554	6,615	12,412	5,542	4,728	4,860	4,999	5,140	56,850
<b>Distribution</b>	304,264	28,295	34,687	29,546	30,086	26,093	27,804	31,840	512,616
<b>Transmission</b>									<b>C120B</b>
<u>Ongoing</u>									
Cathodic Protection Program (C1208)	2,577	1,889	1,977	2,112	616	2,320	624	2,428	14,543
Purveyor Meters Replace - SPU (C1206)	1,353	208	213	218	223	100	100	100	2,515

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Replace Air Valve Chambers (C1209)	1,991	125	127	130	133	130	130	130	2,896
Transmission Pipelines Rehabilitation (C1207)	6,787	3,283	7,318	8,835	7,024	10,000	3,500	2,500	49,246
Water System Dewatering (C1205)	291	25	27	30	33	35	36	40	517
<b>Transmission</b>	<b>13,000</b>	<b>5,529</b>	<b>9,662</b>	<b>11,325</b>	<b>8,029</b>	<b>12,585</b>	<b>4,390</b>	<b>5,198</b>	<b>69,718</b>
<b>Watershed Stewardship</b>									<b>BCL/Program Code: C130B</b>
<u>Discrete</u>									
Tolt Bridges (C1308)	0	1	1	1	0	0	0	0	3
<u>Ongoing</u>									
Cedar Bridges (C1307)	1,618	1	901	1	100	15	0	0	2,636
Environmental Stewardship (C1301)	26,177	301	75	82	65	90	65	75	26,930
<b>Watershed Stewardship</b>	<b>27,795</b>	<b>303</b>	<b>977</b>	<b>84</b>	<b>165</b>	<b>105</b>	<b>65</b>	<b>75</b>	<b>29,569</b>
<b>Water Quality &amp; Treatment</b>									<b>BCL/Program Code: C140B</b>
<u>Discrete</u>									
Reservoir Covering - Beacon (C1408)	2,691	8,153	1,169	0	0	0	0	0	12,014
Reservoir Covering-Bitter Lake (C1419)	0	275	250	320	320	1,770	7,490	19,600	30,025
Reservoir Covering-Lake Forest Park (C1418)	10	25	693	5,547	19,691	69	0	0	26,035
<u>Ongoing</u>									
Treatment Facility/Water Quality Improvements (C1413)	325	234	250	250	480	150	150	0	1,840
<b>Water Quality &amp; Treatment</b>	<b>3,027</b>	<b>8,688</b>	<b>2,363</b>	<b>6,117</b>	<b>20,491</b>	<b>1,989</b>	<b>7,640</b>	<b>19,600</b>	<b>69,914</b>
<b>Water Resources</b>									<b>BCL/Program Code: C150B</b>
<u>Discrete</u>									
Water System Plan - 2019 (C1510)	81	500	300	50	0	0	0	0	931
<u>Ongoing</u>									
Dam Safety Program (C1506)	7,473	2,763	818	235	550	1,185	1,225	2,125	16,374
Hatchery Works (C1511)	38	2,379	5,280	13,545	800	250	250	500	23,041
Regional Water Conservation Program (C1504)	23,120	1,406	1,441	1,477	1,514	1,552	1,590	1,630	33,730
Seattle Direct Service Additional Conservation (C1505)	8,384	697	714	732	751	769	789	808	13,644
<b>Water Resources</b>	<b>39,096</b>	<b>7,744</b>	<b>8,553</b>	<b>16,039</b>	<b>3,614</b>	<b>3,756</b>	<b>3,854</b>	<b>5,063</b>	<b>87,720</b>

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## 2018 - 2023 Proposed Capital Improvement Program

<b>Habitat Conservation Program</b>					<b>BCL/Program Code:</b>				<b>C160B</b>
<u>Discrete</u>									
Ballard Locks Improvements (C1606)	1,198	140	145	150	155	160	165	170	2,283
Downstream Fish Habitat (C1607)	9,548	1,540	575	425	0	0	0	0	12,088
<u>Ongoing</u>									
Instream Flow Management Studies (C1608)	2,462	142	100	100	100	100	100	100	3,204
Stream & Riparian Restoration (C1602)	8,045	215	217	219	220	211	212	213	9,551
Upland Reserve Forest Restoration (C1603)	7,636	82	82	83	82	82	82	83	8,212
Watershed Road Improvement/Decommissioning (C1601)	14,339	876	840	871	889	951	833	749	20,349
<b>Habitat Conservation Program</b>	<b>43,228</b>	<b>2,995</b>	<b>1,959</b>	<b>1,847</b>	<b>1,447</b>	<b>1,504</b>	<b>1,392</b>	<b>1,314</b>	<b>55,687</b>
<b>Shared Cost Projects</b>					<b>BCL/Program Code:</b>				<b>C410B</b>
<u>Discrete</u>									
Alaskan Way Viaduct & Seawall Replacement Program - WF (C4102-WF)	32,125	5,393	2,549	1,785	1,330	283	55	39	43,558
Sound Transit - North Link - WF (C4135-WF)	964	192	250	203	115	18	0	0	1,741
Sound Transit - Water Betterment (C4125)	1,502	0	60	0	0	0	0	0	1,562
Sound Transit-East Link (C4122-WF)	67	155	50	25	0	0	0	0	297
Streetcar Related Projects - WF (C4130-WF)	1,142	2,256	15,938	6,531	1,592	0	0	0	27,458
<u>Ongoing</u>									
1% for the Arts - WF (C4118-WF)	5,501	187	172	244	363	222	177	291	7,157
Emergency Storms - WF (C4120-WF)	29	100	0	0	0	0	0	0	129
Heavy Equipment Purchases - WF (C4116-WF)	15,353	4,255	3,955	2,000	2,000	2,105	2,100	2,100	33,868
Integrated Control Monitoring Program - WF (C4108-WF)	217	360	360	360	360	360	360	360	2,737
Meter Replacement - WF (C4101-WF)	6,290	598	601	608	615	521	531	542	10,305

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## 2018 - 2023 Proposed Capital Improvement Program

Move Seattle - WF (C4119-WF)	12,511	11,791	14,657	21,316	21,399	12,096	9,084	9,084	111,937
Operational Facility - Construction - WF (C4106-WF)	16,819	4,466	5,050	6,143	6,180	7,271	3,650	2,962	52,540
Operations Control Center - WF (C4105-WF)	2,259	670	800	10	50	0	0	0	3,789
Other Major Transportation Projects - WF (C4123-WF)	1,502	50	250	500	500	0	0	0	2,802
Regional Facility - WF (C4107-WF)	511	8,509	5,449	741	2,175	4,400	1,950	2,200	25,935
Security Improvements - WF (C4113-WF)	11,855	934	888	1,425	1,300	938	938	1,300	19,576
<b>Shared Cost Projects</b>	<b>108,648</b>	<b>39,914</b>	<b>51,027</b>	<b>41,889</b>	<b>37,979</b>	<b>28,212</b>	<b>18,844</b>	<b>18,878</b>	<b>345,392</b>
<b>Technology</b>							<b>BCL/Program Code:</b>		<b>C510B</b>
<u>Ongoing</u>									
Asset Information Management (C5407)	256	1,306	252	1,076	1,082	840	840	840	6,492
Customer Contact & Billing (C5402)	16,036	7,075	1,391	720	1,100	420	420	420	27,582
Enterprise Information Management (C5403)	631	1,091	317	1,013	224	840	840	840	5,796
IT Infrastructure (C5404)	675	249	362	505	819	755	755	755	4,875
Project Delivery & Performance (C5405)	1,868	9,835	3,405	871	482	714	714	714	18,604
Science & System Performance (C5406)	1,267	1,090	1,304	1,300	500	672	672	672	7,477
<b>Technology</b>	<b>20,734</b>	<b>20,645</b>	<b>7,031</b>	<b>5,485</b>	<b>4,207</b>	<b>4,241</b>	<b>4,241</b>	<b>4,241</b>	<b>70,825</b>
<b>Department Total:</b>	<b>559,791</b>	<b>114,114</b>	<b>116,259</b>	<b>112,331</b>	<b>106,018</b>	<b>78,486</b>	<b>68,231</b>	<b>86,210</b>	<b>1,241,442</b>

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## 2018 - 2023 Proposed Capital Improvement Program

Fund Summary

Fund Name & Code	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
Water Fund (43000)	559,791	114,114	116,259	112,331	106,018	78,486	68,231	86,210	1,241,442
<b>Department Total:</b>	559,791	114,114	116,259	112,331	106,018	78,486	68,231	86,210	1,241,442

*\*Amounts in thousands of dollars*

**2018 - 2023 Proposed Capital Improvement Program**



**Alaskan Way Viaduct & Seawall Replacement Program - WF**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C4102-WF
<b>Start/End Date:</b>	2001-2023	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$43,558	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	32,125	5,393	2,549	1,785	1,330	283	55	39	43,558
<b>Total:</b>	32,125	5,393	2,549	1,785	1,330	283	55	39	43,558

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	32,125	5,393	2,549	1,785	1,330	283	55	39	43,558
<b>Total:</b>	32,125	5,393	2,549	1,785	1,330	283	55	39	43,558

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	32,125	4,627	2,549	1,785	1,330	283	55	39	42,792
<b>Total:</b>	32,125	4,627	2,549	1,785	1,330	283	55	39	42,792

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	C1606
<b>Start/End Date:</b>	2000-2023	<b>BCL/Program Code:</b>	C160B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$2,283	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	1,198	140	145	150	155	160	165	170	2,283
<b>Total:</b>	1,198	140	145	150	155	160	165	170	2,283

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,198	140	145	150	155	160	165	170	2,283
<b>Total:</b>	1,198	140	145	150	155	160	165	170	2,283

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	1,198	140	145	150	155	160	165	170	2,283
<b>Total:</b>	1,198	140	145	150	155	160	165	170	2,283

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	C1607
<b>Start/End Date:</b>	2008-2020	<b>BCL/Program Code:</b>	C160B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$14,598	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	9,548	1,540	575	425	0	0	0	0	12,088
<b>Total:</b>	9,548	1,540	575	425	0	0	0	0	12,088

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	9,548	1,540	575	425	0	0	0	0	12,088
<b>Total:</b>	9,548	1,540	575	425	0	0	0	0	12,088

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	9,548	4,050	575	425	0	0	0	0	14,598
<b>Total:</b>	9,548	4,050	575	425	0	0	0	0	14,598

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**Reservoir Covering - Beacon**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C1408
<b>Start/End Date:</b>	2001-2018	<b>BCL/Program Code:</b>	C140B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$11,819	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	2,691	8,153	1,169	0	0	0	0	0	12,014
<b>Total:</b>	2,691	8,153	1,169	0	0	0	0	0	12,014

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	2,691	8,153	1,169	0	0	0	0	0	12,014
<b>Total:</b>	2,691	8,153	1,169	0	0	0	0	0	12,014

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	2,691	7,958	1,169	0	0	0	0	0	11,819
<b>Total:</b>	2,691	7,958	1,169	0	0	0	0	0	11,819

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**Reservoir Covering-Bitter Lake**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C1419
<b>Start/End Date:</b>	2013-2023	<b>BCL/Program Code:</b>	C140B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$29,900	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	0	275	250	320	320	1,770	7,490	19,600	30,025
<b>Total:</b>	0	275	250	320	320	1,770	7,490	19,600	30,025

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	275	250	320	320	1,770	7,490	19,600	30,025
<b>Total:</b>	0	275	250	320	320	1,770	7,490	19,600	30,025

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	0	150	250	320	320	1,770	7,490	19,600	29,900
<b>Total:</b>	0	150	250	320	320	1,770	7,490	19,600	29,900

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**Reservoir Covering-Lake Forest Park**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C1418
<b>Start/End Date:</b>	2013-2021	<b>BCL/Program Code:</b>	C140B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$26,185	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	10	25	693	5,547	19,691	69	0	0	26,035
<b>Total:</b>	10	25	693	5,547	19,691	69	0	0	26,035

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	10	25	693	5,547	19,691	69	0	0	26,035
<b>Total:</b>	10	25	693	5,547	19,691	69	0	0	26,035

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	10	175	693	5,547	19,691	69	0	0	26,185
<b>Total:</b>	10	175	693	5,547	19,691	69	0	0	26,185

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Sound Transit - North Link - WF**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C4135-WF
<b>Start/End Date:</b>	2012-2021	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Shared Cost Projects
<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>	\$1,741	<b>Urban Village:</b>	Multiple

This project funds relocation, replacement, and protection of water infrastructure affected by the development of Sound Transit's Link Light Rail System. Sound Transit is constructing the third segment of their electrical light rail transit system that includes a 4.3 mile light rail extension, three additional stations, and other supporting facilities from the University of Washington to Northgate.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	964	192	250	203	115	18	0	0	1,741
<b>Total:</b>	964	192	250	203	115	18	0	0	1,741
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	964	192	250	203	115	18	0	0	1,741
<b>Total:</b>	964	192	250	203	115	18	0	0	1,741
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	964	192	250	203	115	18	0	0	1,741
<b>Total:</b>	964	192	250	203	115	18	0	0	1,741
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Sound Transit - Water Betterment**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C4125
<b>Start/End Date:</b>	2005-2018	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Shared Cost Projects
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Central & South areas of Seattle
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$1,622	<b>Urban Village:</b>	Multiple

This project funds improvements to watermains and appurtenances (hydrants, valves, coatings, cathodic protection, etc.) affected by the development of Sound Transit's Light Rail System. These improvements are "opportunity" projects that become available and are cost effective as Sound Transit constructs Light Rail and rebuilds the street right-of-way. This project covers Sound Transit's alignment within SPU's service area, including the South Link to SeaTac International Airport, the University Link, and the North Link towards Northgate.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	1,502	0	60	0	0	0	0	0	1,562
<b>Total:</b>	1,502	0	60	0	0	0	0	0	1,562

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,502	0	60	0	0	0	0	0	1,562
<b>Total:</b>	1,502	0	60	0	0	0	0	0	1,562

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	1,502	60	60	0	0	0	0	0	1,622
<b>Total:</b>	1,502	60	60	0	0	0	0	0	1,622

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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



**Sound Transit-East Link**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C4122-WF
<b>Start/End Date:</b>	2013-2019	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Shared Cost Projects
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	Various
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$333	<b>Urban Village:</b>	Not in an Urban Village

This project funds relocation, replacement, and protection of water infrastructure affected by the development of Sound Transit's Link Light Rail System. Sound Transit is constructing the next segment of their electrical light rail transit system that includes 14 mile light rail extension, 10 additional stations total (one in Seattle) and other supporting facilities from the International District across I-90 to Bellevue/Redmond.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	67	155	50	25	0	0	0	0	297
<b>Total:</b>	67	155	50	25	0	0	0	0	297

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	67	155	50	25	0	0	0	0	297
<b>Total:</b>	67	155	50	25	0	0	0	0	297

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	67	191	50	25	0	0	0	0	333
<b>Total:</b>	67	191	50	25	0	0	0	0	333

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Streetcar Related Projects - WF**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C4130-WF
<b>Start/End Date:</b>	2009-2020	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$29,966	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	1,142	2,256	15,938	6,531	1,592	0	0	0	27,458
<b>Total:</b>	1,142	2,256	15,938	6,531	1,592	0	0	0	27,458

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,142	2,256	15,938	6,531	1,592	0	0	0	27,458
<b>Total:</b>	1,142	2,256	15,938	6,531	1,592	0	0	0	27,458

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	1,142	4,764	15,938	6,531	1,592	0	0	0	29,966
<b>Total:</b>	1,142	4,764	15,938	6,531	1,592	0	0	0	29,966

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Tolt Bridges**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C1308
<b>Start/End Date:</b>	2004-2020	<b>BCL/Program Code:</b>	C130B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$3	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	0	1	1	1	0	0	0	0	3
<b>Total:</b>	0	1	1	1	0	0	0	0	3

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	0	1	1	1	0	0	0	0	3
<b>Total:</b>	0	1	1	1	0	0	0	0	3

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	0	1	1	1	0	0	0	0	3
<b>Total:</b>	0	1	1	1	0	0	0	0	3

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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**2018 - 2023 Proposed Capital Improvement Program**

**Water System Plan - 2019**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	C1510
<b>Start/End Date:</b>	2010-2019	<b>BCL/Program Code:</b>	C150B
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$931	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	81	500	300	50	0	0	0	0	931
<b>Total:</b>	81	500	300	50	0	0	0	0	931

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	81	500	300	50	0	0	0	0	931
<b>Total:</b>	81	500	300	50	0	0	0	0	931

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	81	500	300	50	0	0	0	0	931
<b>Total:</b>	81	500	300	50	0	0	0	0	931

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**1% for the Arts - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4118-WF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	5,501	187	172	244	363	222	177	291	7,157
<b>Total:</b>	5,501	187	172	244	363	222	177	291	7,157

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	5,501	187	172	244	363	222	177	291	7,157
<b>Total:</b>	5,501	187	172	244	363	222	177	291	7,157

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	5,501	187	172	244	363	222	177	291	7,157
<b>Total:</b>	5,501	187	172	244	363	222	177	291	7,157

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Cathodic Protection Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1208
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C120B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	2,577	1,889	1,977	2,112	616	2,320	624	2,428	14,543
<b>Total:</b>	2,577	1,889	1,977	2,112	616	2,320	624	2,428	14,543

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	2,577	1,889	1,977	2,112	616	2,320	624	2,428	14,543
<b>Total:</b>	2,577	1,889	1,977	2,112	616	2,320	624	2,428	14,543

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	2,577	1,889	1,977	2,112	616	2,320	624	2,428	14,543
<b>Total:</b>	2,577	1,889	1,977	2,112	616	2,320	624	2,428	14,543

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Bridges**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1307
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C130B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	1,618	1	901	1	100	15	0	0	2,636
<b>Total:</b>	1,618	1	901	1	100	15	0	0	2,636

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,618	1	901	1	100	15	0	0	2,636
<b>Total:</b>	1,618	1	901	1	100	15	0	0	2,636

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	1,618	1	901	1	100	15	0	0	2,636
<b>Total:</b>	1,618	1	901	1	100	15	0	0	2,636

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Chamber Upgrades - Distribution**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1137
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C110B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	224	28	29	29	30	30	30	381	781
<b>Total:</b>	224	28	29	29	30	30	30	381	781

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	224	28	29	29	30	30	30	381	781
<b>Total:</b>	224	28	29	29	30	30	30	381	781

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	224	28	29	29	30	30	30	381	781
<b>Total:</b>	224	28	29	29	30	30	30	381	781

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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



**Dam Safety Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1506
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C150B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	7,473	2,763	818	235	550	1,185	1,225	2,125	16,374
<b>Total:</b>	7,473	2,763	818	235	550	1,185	1,225	2,125	16,374

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	7,473	2,763	818	235	550	1,185	1,225	2,125	16,374
<b>Total:</b>	7,473	2,763	818	235	550	1,185	1,225	2,125	16,374

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	7,473	2,763	818	235	550	1,185	1,225	2,125	16,374
<b>Total:</b>	7,473	2,763	818	235	550	1,185	1,225	2,125	16,374

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Distribution System Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1128
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C110B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	11,228	2,010	3,004	3,500	3,000	3,000	3,000	4,000	32,742
<b>Total:</b>	11,228	2,010	3,004	3,500	3,000	3,000	3,000	4,000	32,742

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	11,228	2,010	3,004	3,500	3,000	3,000	3,000	4,000	32,742
<b>Total:</b>	11,228	2,010	3,004	3,500	3,000	3,000	3,000	4,000	32,742

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	11,228	2,010	3,004	3,500	3,000	3,000	3,000	4,000	32,742
<b>Total:</b>	11,228	2,010	3,004	3,500	3,000	3,000	3,000	4,000	32,742

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Distribution System In-Line Gate Valves**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1136
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C110B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	1,065	338	345	351	359	366	373	381	3,577
<b>Total:</b>	1,065	338	345	351	359	366	373	381	3,577

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,065	338	345	351	359	366	373	381	3,577
<b>Total:</b>	1,065	338	345	351	359	366	373	381	3,577

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	1,065	338	345	351	359	366	373	381	3,577
<b>Total:</b>	1,065	338	345	351	359	366	373	381	3,577

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Emergency Storms - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4120-WF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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 infrastructure capital improvement projects resulting from previous and possible future storm events. Projects within this project are potentially Federal Emergency Management Agency (FEMA) reimbursable and need to be separated for tracking and reimbursement purposes. Typical improvements include but are not limited to repairing and improving roads, bridges, and other stream crossing structures in the City's Municipal Watersheds, as well as replacing damaged equipment, such as pumps and security gates, and stabilizing debris slide areas and stream banks.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	29	100	0	0	0	0	0	0	129
<b>Total:</b>	29	100	0	0	0	0	0	0	129

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	29	100	0	0	0	0	0	0	129
<b>Total:</b>	29	100	0	0	0	0	0	0	129

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	29	100	0	0	0	0	0	0	129
<b>Total:</b>	29	100	0	0	0	0	0	0	129

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Environmental Stewardship**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1301
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C130B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	26,177	301	75	82	65	90	65	75	26,930
<b>Total:</b>	26,177	301	75	82	65	90	65	75	26,930

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	26,177	301	75	82	65	90	65	75	26,930
<b>Total:</b>	26,177	301	75	82	65	90	65	75	26,930

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	26,177	301	75	82	65	90	65	75	26,930
<b>Total:</b>	26,177	301	75	82	65	90	65	75	26,930

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Hatchery Works**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1511
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C150B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	38	2,379	5,280	13,545	800	250	250	500	23,041
<b>Total:</b>	38	2,379	5,280	13,545	800	250	250	500	23,041

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	38	2,379	5,280	13,545	800	250	250	500	23,041
<b>Total:</b>	38	2,379	5,280	13,545	800	250	250	500	23,041

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	38	2,379	5,280	13,545	800	250	250	500	23,041
<b>Total:</b>	38	2,379	5,280	13,545	800	250	250	500	23,041

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Heavy Equipment Purchases - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4116-WF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	15,353	4,255	3,955	2,000	2,000	2,105	2,100	2,100	33,868
<b>Total:</b>	15,353	4,255	3,955	2,000	2,000	2,105	2,100	2,100	33,868

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	15,353	4,255	3,955	2,000	2,000	2,105	2,100	2,100	33,868
<b>Total:</b>	15,353	4,255	3,955	2,000	2,000	2,105	2,100	2,100	33,868

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	15,353	4,255	3,955	2,000	2,000	2,105	2,100	2,100	33,868
<b>Total:</b>	15,353	4,255	3,955	2,000	2,000	2,105	2,100	2,100	33,868

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	C1608
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C160B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	2,462	142	100	100	100	100	100	100	3,204
<b>Total:</b>	2,462	142	100	100	100	100	100	100	3,204

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	2,462	142	100	100	100	100	100	100	3,204
<b>Total:</b>	2,462	142	100	100	100	100	100	100	3,204

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	2,462	142	100	100	100	100	100	100	3,204
<b>Total:</b>	2,462	142	100	100	100	100	100	100	3,204

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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>	C4108-WF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	217	360	360	360	360	360	360	360	2,737
<b>Total:</b>	217	360	360	360	360	360	360	360	2,737

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	217	360	360	360	360	360	360	360	2,737
<b>Total:</b>	217	360	360	360	360	360	360	360	2,737

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	217	360	360	360	360	360	360	360	2,737
<b>Total:</b>	217	360	360	360	360	360	360	360	2,737

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Meter Replacement - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4101-WF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	6,290	598	601	608	615	521	531	542	10,305
<b>Total:</b>	6,290	598	601	608	615	521	531	542	10,305

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	6,290	598	601	608	615	521	531	542	10,305
<b>Total:</b>	6,290	598	601	608	615	521	531	542	10,305

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	6,290	598	601	608	615	521	531	542	10,305
<b>Total:</b>	6,290	598	601	608	615	521	531	542	10,305

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Move Seattle - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4119-WF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	12,511	11,791	14,657	21,316	21,399	12,096	9,084	9,084	111,937
<b>Total:</b>	12,511	11,791	14,657	21,316	21,399	12,096	9,084	9,084	111,937

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	12,511	11,791	14,657	21,316	21,399	12,096	9,084	9,084	111,937
<b>Total:</b>	12,511	11,791	14,657	21,316	21,399	12,096	9,084	9,084	111,937

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	12,511	11,791	14,657	21,316	21,399	12,096	9,084	9,084	111,937
<b>Total:</b>	12,511	11,791	14,657	21,316	21,399	12,096	9,084	9,084	111,937

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Multiple Utility Relocation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1133
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C110B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	6,666	500	505	500	500	500	500	500	10,172
<b>Total:</b>	6,666	500	505	500	500	500	500	500	10,172

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	6,666	500	505	500	500	500	500	500	10,172
<b>Total:</b>	6,666	500	505	500	500	500	500	500	10,172

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	6,666	500	505	500	500	500	500	500	10,172
<b>Total:</b>	6,666	500	505	500	500	500	500	500	10,172

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	C4106-WF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	16,819	4,466	5,050	6,143	6,180	7,271	3,650	2,962	52,540
<b>Total:</b>	16,819	4,466	5,050	6,143	6,180	7,271	3,650	2,962	52,540

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	16,819	4,466	5,050	6,143	6,180	7,271	3,650	2,962	52,540
<b>Total:</b>	16,819	4,466	5,050	6,143	6,180	7,271	3,650	2,962	52,540

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	16,819	4,466	5,050	6,143	6,180	7,271	3,650	2,962	52,540
<b>Total:</b>	16,819	4,466	5,050	6,143	6,180	7,271	3,650	2,962	52,540

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Operations Control Center - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4105-WF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	2,259	670	800	10	50	0	0	0	3,789
<b>Total:</b>	2,259	670	800	10	50	0	0	0	3,789

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	2,259	670	800	10	50	0	0	0	3,789
<b>Total:</b>	2,259	670	800	10	50	0	0	0	3,789

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	2,259	670	800	10	50	0	0	0	3,789
<b>Total:</b>	2,259	670	800	10	50	0	0	0	3,789

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**Other Major Transportation Projects - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4123-WF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	1,502	50	250	500	500	0	0	0	2,802
<b>Total:</b>	1,502	50	250	500	500	0	0	0	2,802

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,502	50	250	500	500	0	0	0	2,802
<b>Total:</b>	1,502	50	250	500	500	0	0	0	2,802

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	1,502	50	250	500	500	0	0	0	2,802
<b>Total:</b>	1,502	50	250	500	500	0	0	0	2,802

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	C1135
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C110B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	423	800	1,600	1,500	281	500	500	500	6,104
<b>Total:</b>	423	800	1,600	1,500	281	500	500	500	6,104

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	423	800	1,600	1,500	281	500	500	500	6,104
<b>Total:</b>	423	800	1,600	1,500	281	500	500	500	6,104

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	423	800	1,600	1,500	281	500	500	500	6,104
<b>Total:</b>	423	800	1,600	1,500	281	500	500	500	6,104

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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



**Purveyor Meters Replace - SPU**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1206
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C120B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	1,353	208	213	218	223	100	100	100	2,515
<b>Total:</b>	1,353	208	213	218	223	100	100	100	2,515

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,353	208	213	218	223	100	100	100	2,515
<b>Total:</b>	1,353	208	213	218	223	100	100	100	2,515

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	1,353	208	213	218	223	100	100	100	2,515
<b>Total:</b>	1,353	208	213	218	223	100	100	100	2,515

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4107-WF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/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 facilities project renovates, rehabilitates, replaces existing buildings, and constructs new facilities at various locations outside of City limits to address deficiencies, failures, and functional changes in the drinking water system.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	511	8,509	5,449	741	2,175	4,400	1,950	2,200	25,935
<b>Total:</b>	511	8,509	5,449	741	2,175	4,400	1,950	2,200	25,935

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	511	8,509	5,449	741	2,175	4,400	1,950	2,200	25,935
<b>Total:</b>	511	8,509	5,449	741	2,175	4,400	1,950	2,200	25,935

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	511	8,509	5,449	741	2,175	4,400	1,950	2,200	25,935
<b>Total:</b>	511	8,509	5,449	741	2,175	4,400	1,950	2,200	25,935

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Water Conservation Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1504
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C150B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	23,120	1,406	1,441	1,477	1,514	1,552	1,590	1,630	33,730
<b>Total:</b>	23,120	1,406	1,441	1,477	1,514	1,552	1,590	1,630	33,730

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	23,120	1,406	1,441	1,477	1,514	1,552	1,590	1,630	33,730
<b>Total:</b>	23,120	1,406	1,441	1,477	1,514	1,552	1,590	1,630	33,730

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	23,120	1,406	1,441	1,477	1,514	1,552	1,590	1,630	33,730
<b>Total:</b>	23,120	1,406	1,441	1,477	1,514	1,552	1,590	1,630	33,730

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Replace Air Valve Chambers**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1209
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C120B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	1,991	125	127	130	133	130	130	130	2,896
<b>Total:</b>	1,991	125	127	130	133	130	130	130	2,896

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	1,991	125	127	130	133	130	130	130	2,896
<b>Total:</b>	1,991	125	127	130	133	130	130	130	2,896

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	1,991	125	127	130	133	130	130	130	2,896
<b>Total:</b>	1,991	125	127	130	133	130	130	130	2,896

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Service Additional Conservation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1505
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C150B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	8,384	697	714	732	751	769	789	808	13,644
<b>Total:</b>	8,384	697	714	732	751	769	789	808	13,644

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	8,384	697	714	732	751	769	789	808	13,644
<b>Total:</b>	8,384	697	714	732	751	769	789	808	13,644

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	8,384	697	714	732	751	769	789	808	13,644
<b>Total:</b>	8,384	697	714	732	751	769	789	808	13,644

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Security Improvements - WF**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C4113-WF
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C410B
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	Shared Cost Projects
		<b>Location:</b>	Citywide 0/0/0
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	11,855	934	888	1,425	1,300	938	938	1,300	19,576
<b>Total:</b>	11,855	934	888	1,425	1,300	938	938	1,300	19,576

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	11,855	934	888	1,425	1,300	938	938	1,300	19,576
<b>Total:</b>	11,855	934	888	1,425	1,300	938	938	1,300	19,576

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	11,855	934	888	1,425	1,300	938	938	1,300	19,576
<b>Total:</b>	11,855	934	888	1,425	1,300	938	938	1,300	19,576

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**Stream & Riparian Restoration**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1602
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C160B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	8,045	215	217	219	220	211	212	213	9,551
<b>Total:</b>	8,045	215	217	219	220	211	212	213	9,551

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	8,045	215	217	219	220	211	212	213	9,551
<b>Total:</b>	8,045	215	217	219	220	211	212	213	9,551

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	8,045	215	217	219	220	211	212	213	9,551
<b>Total:</b>	8,045	215	217	219	220	211	212	213	9,551

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Tank Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1134
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C110B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	4,735	265	729	2,747	5,487	800	2,060	4,250	21,072
<b>Total:</b>	4,735	265	729	2,747	5,487	800	2,060	4,250	21,072

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	4,735	265	729	2,747	5,487	800	2,060	4,250	21,072
<b>Total:</b>	4,735	265	729	2,747	5,487	800	2,060	4,250	21,072

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	4,735	265	729	2,747	5,487	800	2,060	4,250	21,072
<b>Total:</b>	4,735	265	729	2,747	5,487	800	2,060	4,250	21,072

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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 Pipelines Rehabilitation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1207
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C120B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	6,787	3,283	7,318	8,835	7,024	10,000	3,500	2,500	49,246
<b>Total:</b>	6,787	3,283	7,318	8,835	7,024	10,000	3,500	2,500	49,246

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	6,787	3,283	7,318	8,835	7,024	10,000	3,500	2,500	49,246
<b>Total:</b>	6,787	3,283	7,318	8,835	7,024	10,000	3,500	2,500	49,246

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	6,787	3,283	7,318	8,835	7,024	10,000	3,500	2,500	49,246
<b>Total:</b>	6,787	3,283	7,318	8,835	7,024	10,000	3,500	2,500	49,246

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**Treatment Facility/Water Quality Improvements**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1413
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C140B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	325	234	250	250	480	150	150	0	1,840
<b>Total:</b>	325	234	250	250	480	150	150	0	1,840

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	325	234	250	250	480	150	150	0	1,840
<b>Total:</b>	325	234	250	250	480	150	150	0	1,840

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	325	234	250	250	480	150	150	0	1,840
<b>Total:</b>	325	234	250	250	480	150	150	0	1,840

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

**Upland Reserve Forest Restoration**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1603
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C160B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	7,636	82	82	83	82	82	82	83	8,212
<b>Total:</b>	7,636	82	82	83	82	82	82	83	8,212

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	7,636	82	82	83	82	82	82	83	8,212
<b>Total:</b>	7,636	82	82	83	82	82	82	83	8,212

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	7,636	82	82	83	82	82	82	83	8,212
<b>Total:</b>	7,636	82	82	83	82	82	82	83	8,212

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 - Distribution System Modifications**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1138
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C110B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	285	104	115	108	110	113	115	118	1,068
<b>Total:</b>	285	104	115	108	110	113	115	118	1,068

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	285	104	115	108	110	113	115	118	1,068
<b>Total:</b>	285	104	115	108	110	113	115	118	1,068

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	285	104	115	108	110	113	115	118	1,068
<b>Total:</b>	285	104	115	108	110	113	115	118	1,068

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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 - Hydrant Replacement/Relocation**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1110
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C110B
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	5,597	212	216	221	225	230	235	239	7,175
<b>Total:</b>	5,597	212	216	221	225	230	235	239	7,175

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	5,597	212	216	221	225	230	235	239	7,175
<b>Total:</b>	5,597	212	216	221	225	230	235	239	7,175

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	5,597	212	216	221	225	230	235	239	7,175
<b>Total:</b>	5,597	212	216	221	225	230	235	239	7,175

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Hydrants**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1112
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C110B
<b>Project Category:</b>	New Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	673	13	13	13	14	14	14	15	768
<b>Total:</b>	673	13	13	13	14	14	14	15	768

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	673	13	13	13	14	14	14	15	768
<b>Total:</b>	673	13	13	13	14	14	14	15	768

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	673	13	13	13	14	14	14	15	768
<b>Total:</b>	673	13	13	13	14	14	14	15	768

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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>	C1113
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C110B
<b>Project Category:</b>	New Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	127,242	8,843	9,020	9,201	9,385	9,572	9,764	9,959	192,986
<b>Total:</b>	127,242	8,843	9,020	9,201	9,385	9,572	9,764	9,959	192,986

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	127,242	8,843	9,020	9,201	9,385	9,572	9,764	9,959	192,986
<b>Total:</b>	127,242	8,843	9,020	9,201	9,385	9,572	9,764	9,959	192,986

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	127,242	8,843	9,020	9,201	9,385	9,572	9,764	9,959	192,986
<b>Total:</b>	127,242	8,843	9,020	9,201	9,385	9,572	9,764	9,959	192,986

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	C1109
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C110B
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	118,424	7,722	5,837	4,953	5,072	5,193	5,317	5,443	157,962
<b>Total:</b>	118,424	7,722	5,837	4,953	5,072	5,193	5,317	5,443	157,962

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	118,424	7,722	5,837	4,953	5,072	5,193	5,317	5,443	157,962
<b>Total:</b>	118,424	7,722	5,837	4,953	5,072	5,193	5,317	5,443	157,962

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	118,424	7,722	5,837	4,953	5,072	5,193	5,317	5,443	157,962
<b>Total:</b>	118,424	7,722	5,837	4,953	5,072	5,193	5,317	5,443	157,962

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



**Water Infrastructure - Watermain Extensions**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1111
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C110B
<b>Project Category:</b>	New Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	15,149	845	862	879	897	915	897	915	21,359
<b>Total:</b>	15,149	845	862	879	897	915	897	915	21,359

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	15,149	845	862	879	897	915	897	915	21,359
<b>Total:</b>	15,149	845	862	879	897	915	897	915	21,359

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	15,149	845	862	879	897	915	897	915	21,359
<b>Total:</b>	15,149	845	862	879	897	915	897	915	21,359

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	C1205
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C120B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	291	25	27	30	33	35	36	40	517
<b>Total:</b>	291	25	27	30	33	35	36	40	517

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	291	25	27	30	33	35	36	40	517
<b>Total:</b>	291	25	27	30	33	35	36	40	517

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	291	25	27	30	33	35	36	40	517
<b>Total:</b>	291	25	27	30	33	35	36	40	517

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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>	C1129
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C110B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	12,554	6,615	12,412	5,542	4,728	4,860	4,999	5,140	56,850
<b>Total:</b>	12,554	6,615	12,412	5,542	4,728	4,860	4,999	5,140	56,850

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	12,554	6,615	12,412	5,542	4,728	4,860	4,999	5,140	56,850
<b>Total:</b>	12,554	6,615	12,412	5,542	4,728	4,860	4,999	5,140	56,850

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	12,554	6,615	12,412	5,542	4,728	4,860	4,999	5,140	56,850
<b>Total:</b>	12,554	6,615	12,412	5,542	4,728	4,860	4,999	5,140	56,850

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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 Improvement/Decommissioning**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	C1601
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	C160B
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Water Rates	14,339	876	840	871	889	951	833	749	20,349
<b>Total:</b>	14,339	876	840	871	889	951	833	749	20,349

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Water Fund	14,339	876	840	871	889	951	833	749	20,349
<b>Total:</b>	14,339	876	840	871	889	951	833	749	20,349

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Water Fund	14,339	876	840	871	889	951	833	749	20,349
<b>Total:</b>	14,339	876	840	871	889	951	833	749	20,349

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

# **Finance and Administrative Services**



# Finance and Administrative Services

## Overview

The Finance and Administrative Services (FAS) Capital Improvement Program (CIP) is the department's blueprint for planning, replacing, maintaining, remodeling and upgrading facilities and IT infrastructure in FAS jurisdiction. This includes general government facilities, facilities leased to community organizations and the Summit Reimplementation Project. These assets are used by City departments, as well as certain nonprofit agencies that serve the public, to deliver critical services to Seattle residents.

FAS's proposed CIP includes appropriations for ongoing capital programs and specific capital facilities and enterprise projects with multiyear durations. Multiyear projects are identified by multiple priorities, including City goals (e.g., sustainability, energy efficiency and public safety), code compliance and severity of system deficiencies and importance to tenant department operations. Planned schedules and funding commitments for these types of multiyear projects are typically made every other year in conjunction with the biennial budget process. With exception of the Summit Reimplementation Project, Seattle IT will propose information technology-related projects with input from FAS to meet FAS business needs.

## 2018-2023 Capital Improvement Program

The six-year FAS CIP includes approximately \$116 million in appropriations for new and existing projects and programs, with \$54 million in 2018. Some highlights of ongoing programs include:

- **Americans with Disabilities Act: Citywide (A1GM902)** – In 2018, funding is provided to address high-priority findings of the ADA Transition Plan, a 2017 consultant study of citywide facilities. The FAS Capital Development and Construction Management (CDCM) division will work with the FAS Citywide ADA Compliance group to develop a methodology for identifying the highest-priority findings from this study and CDCM will execute the selected project or projects.
- **Americans with Disabilities Act: FAS (A1ADA01)** – CDCM will conduct pre-design work in 2018 to address many of the lower-priority findings from the ADA Transition Plan as part of departments' ongoing maintenance programs, rather than as discrete CIP projects. This work reflects a new approach for the City and FAS CDCM will lead its development. The 2018 work will assist CDCM and departmental ADA coordinators in determining priorities, budgets, and schedules.
- **Asset Preservation (A1APSCH1 and A1APSCH2)** – FAS's Asset Preservation Program continues to preserve and extend the operational capacity and useful lives of existing facilities using facility space rent charges paid by City departments. Some projects planned for 2018 include:
  - Weatherization of the Seattle Municipal Tower (SMT)
  - Predesign for work on SMT elevators and lighting controls
  - Installation of LED lighting in City Hall
  - Work on the envelopes (exteriors) of the Emergency Operations Center and SFD Headquarters
  - Heating, ventilation, and air conditioning (HVAC) work at the Joint Training Facility and the Charles Street Fire Garage
- **Customer Requested Tenant Improvements (CRTI; A1GM105)** – This ongoing program provides a process for FAS/CDCM to manage and execute all vendor and public-works tenant improvement projects and space planning in FAS-owned facilities and City leased facilities. FAS/CDCM is also hired

## 2018-2023 Proposed Capital Improvement Program

## Finance and Administrative Services

by other City departments to manage their facilities' capital improvement projects in non-FAS buildings. Appropriations for FAS's CRTI program serve as a pass-through to the requesting departments, which are responsible for all project costs.

- **Seattle Police Department North Area Interim and Long-Term Facilities (A1PS117)** – In 2018, funding will support modifications to the existing North Precinct facility to accommodate anticipated staffing for the next several years. These modifications will dedicate more space to high-need functions and install portable trailers in the precinct's parking lot. 2018 funding will also support planning for long-term facility needs.
- **Drive Clean Seattle Fleet Electrical Vehicle Supply Equipment (EVSE) Project (A1GM131)** – In March 2016, the City launched the Drive Clean Seattle (DCS) initiative. DCS is a comprehensive transportation electrification strategy to transition Seattle's transportation sector from using polluting fossil fuels to clean, carbon-neutral electricity. The first DCS action item is to transform the City's fleet by reducing emissions from fleet operations by 50% by 2025. Fleet electrification is a key component of the plan, and infrastructure investments are required to support fleet electrification on a large scale. The 2017-2018 Budget supported the Drive Clean Seattle initiative and funded both the installation of 150 electric vehicle (EV) charging stations at the Seattle Municipal Tower and pre-design work on increasing the electrical service capacity in the SeaPark Garage. Construction of the SMT project will be complete in late 2017. Pre-design for the SeaPark Garage will conclude in the first quarter of 2018.
- **The Summit Reimplementation (SRI) Project (A1IT01)** – The City's Summit Reimplementation (SRI) Project, which is part of its overall Financial Management and Accountability Program (FinMAP), will continue in 2018. SRI is upgrading the City's financial system from PeopleSoft 8.8 to PeopleSoft 9.2 while also standardizing financial and accounting practices and reporting Citywide. SRI will be moving into the final stage of the implementation process in 2018, with the "go-live" of PeopleSoft 9.2 in January 2018 and a subsequent period of troubleshooting and stabilization of the new system. To date, major SRI project components have been completed, including developing and communicating the Citywide financial and procurement model, configuring PeopleSoft 9.2 to be ready for testing and making significant progress in terms of department change management. The total estimated cost for the Citywide SRI Project remains \$83.4 million, including 20% contingency. The 2018 Proposed FAS CIP reflects the project costs for SRI implementation but does not reflect the costs for City departments to manage the implementation internally. Those costs are reflected on a per-department basis or as ongoing costs that will be incurred in SRI's operations phase and managed by Seattle IT.

### FAS's new CIP project highlights include:

- **Seattle Fire Department Fire Station Ventilation (A1GM141)** – This project will provide ventilation upgrades at 11 fire stations and the Joint Training Facility, bringing these facilities into conformance with the current Washington Administrative Code that defines safety standards for firefighters. Work will begin in 2018 and continue through 2021.
- **Facilities Upgrade at Seattle Municipal Tower (A1GM144)** – This project has two components. First, it will add full gender-neutral restrooms, showers and lockers on floor 14 of the SMT to support City employees who commute on foot or by bicycle. Second, it will construct new gender-neutral restrooms on SMT 3 and 40, which are the floors that are most accessible by the building's occupants and visitors. The building was designed and constructed at a time before the use of



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family restrooms and gender-neutral restrooms were commonplace. The locations for the new restrooms were selected based on proximity to building plumbing infrastructure, security, ability to provide wayfinding for restroom users, and minimal functional impact and cost.

- **Security Enhancements for the Seattle Municipal Courts (A1GM129)** – This project improves security at the courthouse based on recommendations from two facility security surveys performed by the U.S. Federal Marshals and will be implemented, in 3 phases, through 2020.
- **Replacement of HVAC System at Seattle Police Department West Precinct (A1PS101)** – The West Precinct houses SPD officers and staff and the police department’s data center. The existing HVAC system is near the end of its useful life, and repair parts have become increasingly difficult to acquire. In 2018 FAS will fund the replacement of this system. Some project work may continue into 2019 with the 2018 funding.
- **Charles Street Campus Development (A1GM116)** – Funding was provided in the 2017 Second Quarter Supplemental Ordinance for FAS, working with the Office of Planning and Community Development (OPCD) 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. This work will continue into 2018.
- **City Facilities Project Delivery Services (A1GMPDS1)** – This proposed new 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 managed nor leased by FAS. Departments at these facilities will have already identified funding for FAS services and this project structure will enable FAS Capital Development and Construction Management (CDCM) to start its work as quickly as possible. FAS proposes to use the second and fourth quarterly supplemental budget process to appropriate the pass-through budget authority for this project based on actual expenses. (Note that an existing project, Customer Requested Tenant Improvements, addresses the need for these services at facilities that are leased or managed by FAS.
- **South Lake Union Public Safety Facility Needs** – The City has identified the need for an additional fire station that includes marine-response capability in the fast-growing South Lake Union area. A potential site has been identified for this new station and options are being explored to identify funding for acquisition and construction.

### Summary of Upcoming Budget Issues and Challenges

FAS’s principal CIP budget issues continue to involve the age and condition of many City-owned buildings and tenants’ expanding facility needs.

- **Asset Preservation** – The FAS Asset Preservation Program, created by Ordinance [121642](#), dedicates funds derived from space rent to the replacement of building systems in 100 City buildings inside and outside of the downtown core. Given the number and condition of the buildings (more than 50% of the portfolio is 40 years old or older) and the limited amount of funding that is available each year, FAS directs funds to building systems that are in such poor repair they risk shutting down a building or otherwise interfering with tenant operations.

Asset preservation work is planned on a six-year cycle and evaluated biennially for specific project development and execution. Department staff use a custom database known as the Unifier Asset Management and Preservation System or “Unifier,” to maintain building-specific facilities condition

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indexes, track known building deficiencies, develop sustainment schedules and identify recapitalization requirements.

- **Expanding Needs** – FAS facilities are occupied by a wide variety of City departments, from the Seattle Police Department and Seattle Fire Department to the Seattle Department of Transportation, Seattle Public Utilities and other tenants (e.g., Washington State Patrol, private business firms). City department operations grow with increased population and development, more comprehensive regulations and new initiatives. Initiatives such as the Waterfront project, Access Seattle and the seawall project may cause a department’s staffing level and space needs to increase, which in turn drives a demand for reorganization and remodeling. As departments contract and expand, FAS proposes space plans that enhance the workplace experience for our tenants by harvesting light with lower panels and including height-adjustable desks. The City’s standard is to use less space for individuals and to create more common and workspaces where shared ideas and innovative technology enable collaborative solutions.

### Thematic Priorities

FAS is responsible for the operation and maintenance of approximately 3.2 million square feet of building space throughout the city, including police and fire facilities, shops and fleet maintenance facilities, high-rise office space in the civic core, parking garages and some of the City’s community-based public service facilities. FAS’s capital investments must improve or enhance 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 to ensure that those funds are used exclusively to upgrade or replace failing and existing components such as roofs, windows, structures, electrical capacity, boilers or other systems at the end of their useful lives.
- **Sustainability** – The City has adopted several sustainability policies that guide FAS, as a building owner, to focus on meeting the energy-efficiency requirements of the Seattle Energy Code, achieving cost-effective measures to reduce energy use and incorporating other sustainable strategies required by regulations. In the future, FAS will also address new sustainability efforts, such as “20 by 20” and the “2030 Challenge” by proposing additional projects that reduce energy use and greenhouse gas emissions to meet sustainability goals.
- **Race and Social Justice Initiative** – FAS integrates the City’s social equity contracting requirements into all aspects of the execution of CIP projects.
- **Life and Safety Issues** – High priority is given to projects that will ensure continuity of service at facilities that provide emergency or other essential services (e.g., replacement of generators near the end of their useful lives at facilities such as police and fire stations). Projects that mitigate potential threats to human life and safety, such as those that address mold and lead abatement and other hazardous conditions in building interiors and structural failures, also receive priority.
- **Federal, State and Local Requirements** – FAS must consider various regulatory requirements in assessing capital needs when replacing existing, failing systems in FAS-managed facilities. One example is the Washington Administrative Code requirement to upgrade fire alarm panels and install fire sprinklers when substantial alterations are made in the course of upgrading or modernizing an existing building. Another example is the ADA’s mandated facility improvements,

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which meet the City's dual goals of compliance with federal requirements and provision of equitable access to all.

### Project Selection Criteria

Projects to be considered for inclusion in the FAS CIP fit the priority themes above and adhere to the capital and asset preservation policies adopted in [Resolution 31203](#). They typically fall into two categories: projects that extend or enhance operational effectiveness or projects that preserve the City's assets. FAS annually solicits requests from its tenant departments for facilities-related projects that create or enhance operational effectiveness, vets them for timeliness and appropriateness, and evaluates each request on its own merit. FAS seeks Executive direction regarding projects that increase departments' operational capacity and identify opportunities to prioritize when planning the City's CIP strategy and program.

Every year FAS generates a list of facility asset preservation projects that need to be addressed. This list is compiled from an annually updated asset management data that is generated by building condition assessments, energy audits, performance metrics and other capital planning studies. Unifier allows FAS's many 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 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. Elements that extend the useful life of improvements, increase tenant comfort and reduce utility bills are integrated into existing projects wherever feasible.

### Future Projects/What is on the Horizon

FAS staff will continue to work with existing tenants as their operational needs expand and change. City facilities must be reliable, well-maintained and responsive to the current and emerging needs of operating departments to ensure public safety and the delivery of critical services to customers.

FAS has several major challenges in the aging infrastructure of its facilities, including the need to address the major maintenance program on the City's 25-year-old, 62-story Seattle Municipal Tower.

In addition, planning for police department facility needs in the north end will remain a priority for FAS as it begins to address immediate capacity needs.

### Anticipated Operating Expenses Associated with Capital Facilities Projects

New and substantially renovated facilities (such as fire stations) are expected to be more efficient per square foot to operate and maintain than similar older facilities. Asset preservation projects' impact on operating and maintenance costs depends on the nature of the project. For instance, installation of a new system is likely to increase utility costs, but the replacement of an older, inefficient system is likely to decrease per-unit utility costs.

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## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
<b>ADA Improvements - FAS</b>							<b>BCL/Program Code:</b>		<b>A1ADA</b>
<u>Ongoing</u>									
ADA Improvements - FAS (A1ADA01)	1,180	987	200	0	0	0	0	0	2,368
<b>ADA Improvements - FAS</b>	1,180	987	200	0	0	0	0	0	2,368
<b>Asset Preservation - Schedule 1 Facilities</b>							<b>BCL/Program Code:</b>		<b>A1APSCH1</b>
<u>Ongoing</u>									
Asset Preservation - Schedule 1 Facilities (A1APSCH101)	4,573	11,721	4,152	2,152	2,152	2,152	2,152	2,152	31,206
<b>Asset Preservation - Schedule 1 Facilities</b>	4,573	11,721	4,152	2,152	2,152	2,152	2,152	2,152	31,206
<b>Asset Preservation - Schedule 2 Facilities</b>							<b>BCL/Program Code:</b>		<b>A1APSCH2</b>
<u>Ongoing</u>									
Asset Preservation - Schedule 2 Facilities (A1APSCH201)	4,362	3,236	1,848	1,848	1,848	1,848	1,848	1,848	18,686
<b>Asset Preservation - Schedule 2 Facilities</b>	4,362	3,236	1,848	1,848	1,848	1,848	1,848	1,848	18,686
<b>FAS Oversight - External Projects</b>							<b>BCL/Program Code:</b>		<b>A1EXT</b>
<u>Ongoing</u>									
Energy Efficiency for Municipal Buildings (A1EXT02)	843	5,586	2,500	2,500	2,500	0	0	0	13,929
<b>FAS Oversight - External Projects</b>	843	5,586	2,500	2,500	2,500	0	0	0	13,929
<b>FAS Project Delivery Services</b>							<b>BCL/Program Code:</b>		<b>A1GMPDS</b>
<u>Ongoing</u>									
City Facilities Project Delivery Services (A1GMPDS1)	0	0	0	0	0	0	0	0	0
Customer Requested Tenant Improvement Program (A1GMPDS0)	0	500	3,500	3,500	3,500	3,500	3,500	3,500	21,500
<b>FAS Project Delivery Services</b>	0	500	3,500	3,500	3,500	3,500	3,500	3,500	21,500
<b>Garden of Remembrance</b>							<b>BCL/Program Code:</b>		<b>A51647</b>

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

### 2018 - 2023 Proposed Capital Improvement Program

Ongoing

Garden of Remembrance (A11452)	379	27	28	28	29	30	30	31	582
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<b>Garden of Remembrance</b>	379	27	28	28	29	30	30	31	582
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**General Government Facilities - General**

**BCL/Program Code:**

**A1GM1**

Discrete

Benaroya Hall	0	725	775	0	0	0	0	0	1,500
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Transforming Soundbridge (A1GM1BH02)

Charles Street Campus Development (A1GM116)	0	175	0	0	0	0	0	0	175
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Drive Clean Seattle Fleet Electric Vehicle Infrastructure (A1GM131)	0	2,350	0	0	0	0	0	0	2,350
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Seattle Municipal Courts (A1GM129)	361	602	200	140	140	0	0	0	1,443
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Seattle Municipal Tower Facility Upgrades (A1GM144)	0	0	1,500	0	0	0	0	0	1,500
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SFD Fire Station Ventilation Project (A1GM141)	0	300	700	700	700	700	0	0	3,100
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Ongoing

ADA Improvements - Citywide (A1GM902)	661	316	500	0	0	0	0	0	1,477
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City Hall and Seattle Municipal Tower Tenant Improvements (A1GM118)	1,876	2,836	1,285	0	0	0	0	0	5,997
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<b>General Government Facilities - General</b>	2,898	7,304	4,960	840	840	700	0	0	17,542
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**Information Technology**

**BCL/Program Code:**

**A1IT**

Discrete

Summit Re-Implementation (A1IT01)	37,184	31,104	15,145	0	0	0	0	0	83,433
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<b>Information Technology</b>	37,184	31,104	15,145	0	0	0	0	0	83,433
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**Neighborhood Fire Stations**

**BCL/Program Code:**

**A1FL1**

Debt Service

Fire Station Improvement Debt Service (A1FL199)	32,303	3,016	3,343	3,409	3,404	3,410	3,413	3,401	55,698
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Discrete

Fire Station 32 (A1FL132)	12,741	6,605	1,400	0	0	0	0	0	20,745
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<b>Neighborhood Fire Stations</b>	45,044	9,621	4,743	3,409	3,404	3,410	3,413	3,401	76,444
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**Public Safety Facilities - Fire**

**BCL/Program Code:**

**A1PS2**

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

**2018 - 2023 Proposed Capital Improvement Program**

<u>Discrete</u>									
Fire Station 31 Improvements (A1PS207)	165	935	750	0	0	0	0	0	1,850
Fire Station 5 (A1PS205)	1,174	7,334	293	0	0	0	0	0	8,801
<b>Public Safety Facilities - Fire</b>	<b>1,339</b>	<b>8,269</b>	<b>1,043</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,651</b>
<b>Public Safety Facilities - Police</b>									
									<b>BCL/Program Code: A1PS1</b>
<u>Discrete</u>									
Seattle Police Department North Area Interim and Long-Term Facilities (A1PS117)	0	500	11,600	0	0	0	0	0	12,100
<u>Ongoing</u>									
Police Facilities (A1PS101)	2,517	578	2,500	0	0	0	0	0	5,595
<b>Public Safety Facilities - Police</b>	<b>2,517</b>	<b>1,078</b>	<b>14,100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,695</b>
<b>Summit Re-Implementation Department Capital Needs</b>									<b>BCL/Program Code: A1IT1</b>
<u>Discrete</u>									
Summit Re-Implementation - Department Capital Needs (A1IT06)	2,955	3,861	1,239	0	0	0	0	0	8,055
<b>Summit Re-Implementation Department Capital Needs</b>	<b>2,955</b>	<b>3,861</b>	<b>1,239</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8,055</b>
<b>Department Total:</b>	<b>103,273</b>	<b>83,295</b>	<b>53,457</b>	<b>14,277</b>	<b>14,273</b>	<b>11,640</b>	<b>10,943</b>	<b>10,933</b>	<b>302,090</b>

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

## 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

### Fund Summary

Fund Name & Code	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
2003 Fire Facilities Fund (34440)	5,420	1,007	0	0	0	0	0	0	6,428
2008 Multipurpose LTGO Bond Fund (35200)	120	1	0	0	0	0	0	0	121
2013 Multipurpose LTGO Bond Fund (35700)	6,877	0	0	0	0	0	0	0	6,877
2014 Multipurpose LTGO Bond Fund (36100)	7,038	0	0	0	0	0	0	0	7,038
2015 Multipurpose LTGO Bond Fund (36200)	228	159	0	0	0	0	0	0	387
2016 Multipurpose LTGO Bond Fund (36300)	20,150	11,341	0	0	0	0	0	0	31,491
2017 Multipurpose LTGO Bond Fund (36400)	0	19,629	0	0	0	0	0	0	19,629
2018 Multipurpose LTGO Bond Fund (36500)	0	0	10,887	0	0	0	0	0	10,887
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities (00168)	8,935	13,557	4,000	4,000	4,000	4,000	4,000	4,000	46,492
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	43,132	23,204	28,145	6,749	6,744	4,110	3,413	3,401	118,898
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	459	376	28	28	29	30	30	31	1,012
Finance and Administrative Services Fund (50300)	10,913	13,693	10,397	3,500	3,500	3,500	3,500	3,500	52,503
General Subfund (00100)	1	328	0	0	0	0	0	0	329
<b>Department Total:</b>	<b>103,273</b>	<b>83,295</b>	<b>53,457</b>	<b>14,277</b>	<b>14,273</b>	<b>11,640</b>	<b>10,943</b>	<b>10,933</b>	<b>302,090</b>

*\*Amounts in thousands of dollars*

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

### Fire Station Improvement Debt Service

<b>Project Type:</b>	Debt Service	<b>Project No.:</b>	A1FL199
<b>Start/End Date:</b>	2008-2037	<b>BCL/Program Code:</b>	A1FL1
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

Real Estate Excise Tax I	32,303	3,016	3,343	3,409	3,404	3,410	3,413	3,401	55,698
<b>Total:</b>	32,303	3,016	3,343	3,409	3,404	3,410	3,413	3,401	55,698

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	32,303	3,016	3,343	3,409	3,404	3,410	3,413	3,401	55,698
<b>Total:</b>	32,303	3,016	3,343	3,409	3,404	3,410	3,413	3,401	55,698

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	32,303	3,016	3,343	3,409	3,404	3,410	3,413	3,401	55,698
<b>Total:</b>	32,303	3,016	3,343	3,409	3,404	3,410	3,413	3,401	55,698

	2018	2019	2020	2021	2022	2023	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.*



## Finance and Administrative Services

### Benaroya Hall Transforming Soundbridge

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	A1GM1BH02
<b>Start/End Date:</b>	2017-2019	<b>BCL/Program Code:</b>	A1GM1
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	General Government Facilities - General
<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 is envisioned as 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	725	775	0	0	0	0	0	1,500
<b>Total:</b>	0	725	775	0	0	0	0	0	1,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	725	775	0	0	0	0	0	1,500
<b>Total:</b>	0	725	775	0	0	0	0	0	1,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	725	775	0	0	0	0	0	1,500
<b>Total:</b>	0	725	775	0	0	0	0	0	1,500

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

### Charles Street Campus Development

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	A1GM116
<b>Start/End Date:</b>	2017-2018	<b>BCL/Program Code:</b>	A1GM1
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	General Government Facilities - General
<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	175	0	0	0	0	0	0	175
<b>Total:</b>	0	175	0	0	0	0	0	0	175

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	175	0	0	0	0	0	0	175
<b>Total:</b>	0	175	0	0	0	0	0	0	175

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

### 2018 - 2023 Proposed Capital Improvement Program

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Finance and Administrative Services

**Drive Clean Seattle Fleet Electric Vehicle Infrastructure**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	A1GM131
<b>Start/End Date:</b>	2016-2018	<b>BCL/Program Code:</b>	A1GM1
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	General Government Facilities - General
<b>Current Project Stage:</b>	Construction	<b>Location:</b>	700 5th Ave.
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$2,350	<b>Urban Village:</b>	Downtown

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 will include but is not limited to, the design, permitting, and construction of 150 electric vehicle charging stations in the Seattle Municipal Tower to provide capacity for the conversion of City fleet to electric vehicles. Future work may include the installation of charging stations at additional sites.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	2,350	0	0	0	0	0	0	2,350
<b>Total:</b>	0	2,350	0	0	0	0	0	0	2,350

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	2,350	0	0	0	0	0	0	2,350
<b>Total:</b>	0	2,350	0	0	0	0	0	0	2,350

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	2,350	0	0	0	0	0	0	2,350
<b>Total:</b>	0	2,350	0	0	0	0	0	0	2,350

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Finance and Administrative Services

### Fire Station 31 Improvements

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	A1PS207
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	A1PS2
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$1,850	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	165	935	750	0	0	0	0	0	1,850
<b>Total:</b>	165	935	750	0	0	0	0	0	1,850

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	165	935	750	0	0	0	0	0	1,850
<b>Total:</b>	165	935	750	0	0	0	0	0	1,850

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	165	935	750	0	0	0	0	0	1,850
<b>Total:</b>	165	935	750	0	0	0	0	0	1,850

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

### Fire Station 32

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	A1FL132
<b>Start/End Date:</b>	2010-2018	<b>BCL/Program Code:</b>	A1FL1
<b>Project Category:</b>	Improved Facility	<b>BCL/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>	\$20,745	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	3,140	1,775	0	0	0	0	0	0	4,915
Seattle Voter-Approved Levy	5,420	1,007	0	0	0	0	0	0	6,428
General Obligation Bonds	120	1	0	0	0	0	0	0	121
General Obligation Bonds	492	0	0	0	0	0	0	0	492
General Obligation Bonds	228	159	0	0	0	0	0	0	387
General Obligation Bonds	3,341	3,663	0	0	0	0	0	0	7,004
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	0	1,400	0	0	0	0	0	1,400
<b>Total:</b>	<b>12,741</b>	<b>6,605</b>	<b>1,400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20,745</b>

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

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3,140	1,775	0	0	0	0	0	0	4,915
2003 Fire Facilities Fund	5,420	1,007	0	0	0	0	0	0	6,428
2008 Multipurpose LTGO Bond Fund	120	1	0	0	0	0	0	0	121
2013 Multipurpose LTGO Bond Fund	492	0	0	0	0	0	0	0	492
2015 Multipurpose LTGO Bond Fund	228	159	0	0	0	0	0	0	387
2016 Multipurpose LTGO Bond Fund	3,341	3,663	0	0	0	0	0	0	7,004
2017 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2018 Multipurpose LTGO Bond Fund	0	0	1,400	0	0	0	0	0	1,400
<b>Total:</b>	12,741	6,605	1,400	0	0	0	0	0	20,745

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3,140	1,880	0	0	0	0	0	0	5,019
2003 Fire Facilities Fund	5,420	1,007	0	0	0	0	0	0	6,428
2008 Multipurpose LTGO Bond Fund	120	1	0	0	0	0	0	0	121
2013 Multipurpose LTGO Bond Fund	492	0	0	0	0	0	0	0	492
2015 Multipurpose LTGO Bond Fund	228	54	0	0	0	0	0	0	282
2016 Multipurpose LTGO Bond Fund	3,341	3,663	0	0	0	0	0	0	7,004
2017 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2018 Multipurpose LTGO Bond Fund	0	0	1,400	0	0	0	0	0	1,400
<b>Total:</b>	12,741	6,604	1,400	0	0	0	0	0	20,745

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

## 2018 - 2023 Proposed Capital Improvement Program

	2018	2019	2020	2021	2022	2023	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.*

**2018 - 2023 Proposed Capital Improvement Program**



## Finance and Administrative Services

### Fire Station 5

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	A1PS205
<b>Start/End Date:</b>	2014-2018	<b>BCL/Program Code:</b>	A1PS2
<b>Project Category:</b>	Improved Facility	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	667	1,299	293	0	0	0	0	0	2,259
Interdepartmental Transfer	0	242	0	0	0	0	0	0	242
General Obligation Bonds	507	1,493	0	0	0	0	0	0	2,000
General Obligation Bonds	0	4,300	0	0	0	0	0	0	4,300
<b>Total:</b>	1,174	7,334	293	0	0	0	0	0	8,801

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	667	1,299	293	0	0	0	0	0	2,259
Finance and Administrative Services Fund	0	242	0	0	0	0	0	0	242
2016 Multipurpose LTGO Bond Fund	507	1,493	0	0	0	0	0	0	2,000
2017 Multipurpose LTGO Bond Fund	0	4,300	0	0	0	0	0	0	4,300
<b>Total:</b>	1,174	7,334	293	0	0	0	0	0	8,801

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

### 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	667	1,299	293	0	0	0	0	0	2,259
Finance and Administrative Services Fund	0	242	0	0	0	0	0	0	242
2016 Multipurpose LTGO Bond Fund	507	1,493	0	0	0	0	0	0	2,000
2017 Multipurpose LTGO Bond Fund	0	4,300	0	0	0	0	0	0	4,300
<b>Total:</b>	1,174	7,334	293	0	0	0	0	0	8,801
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

Seattle Municipal Courts

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	A1GM129
<b>Start/End Date:</b>	2015-2020	<b>BCL/Program Code:</b>	A1GM1
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	General Government Facilities - General
<b>Current Project Stage:</b>	Design	<b>Location:</b>	600 5th AVE
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$1,443	<b>Urban Village:</b>	Downtown

This project provides for various facility improvements. Work may include, but is not limited to, space reconfigurations, reconfigurations of amenities such as drinking fountains, improvements to facility infrastructure such as assisted listening loops, and improvements to various access routes to the site, building, and other public spaces. Three new project phases will commence in 2018, 2019, and 2020. Each project will improve the security of the courthouse based upon the findings of two U.S. Federal Marshal Service Security Surveys.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	361	602	200	140	140	0	0	0	1,443
<b>Total:</b>	361	602	200	140	140	0	0	0	1,443

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	361	602	200	140	140	0	0	0	1,443
<b>Total:</b>	361	602	200	140	140	0	0	0	1,443

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	361	602	200	140	140	0	0	0	1,443
<b>Total:</b>	361	602	200	140	140	0	0	0	1,443

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Finance and Administrative Services

**Seattle Municipal Tower Facility Upgrades**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	A1GM144
<b>Start/End Date:</b>	2018-2018	<b>BCL/Program Code:</b>	A1GM1
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	General Government Facilities - General
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	700 5th Ave.
<b>Neighborhood District:</b>	Downtown	<b>Council District:</b>	7
<b>Total Project Cost:</b>	\$1,500	<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. Work may include, but is not limited to, space reconfigurations, reconfiguration of amenities such as drinking fountains and public spaces, and improvements to facility infrastructure such as restrooms and showers.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	0	1,500	0	0	0	0	0	1,500
<b>Total:</b>	0	0	1,500	0	0	0	0	0	1,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	1,500	0	0	0	0	0	1,500
<b>Total:</b>	0	0	1,500	0	0	0	0	0	1,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	1,500	0	0	0	0	0	1,500
<b>Total:</b>	0	0	1,500	0	0	0	0	0	1,500

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 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>	A1PS117
<b>Start/End Date:</b>	2017-2019	<b>BCL/Program Code:</b>	A1PS1
<b>Project Category:</b>	New Investment	<b>BCL/Program Name:</b>	Public 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>	\$12,100	<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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	500	11,600	0	0	0	0	0	12,100
<b>Total:</b>	0	500	11,600	0	0	0	0	0	12,100

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	500	11,600	0	0	0	0	0	12,100
<b>Total:</b>	0	500	11,600	0	0	0	0	0	12,100

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	500	5,800	5,800	0	0	0	0	12,100
<b>Total:</b>	0	500	5,800	5,800	0	0	0	0	12,100

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

### SFD Fire Station Ventilation Project

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	A1GM141
<b>Start/End Date:</b>	2018-2021	<b>BCL/Program Code:</b>	A1GM1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	General Government Facilities - General
<b>Current Project Stage:</b>	Pre-Project Development	<b>Location:</b>	Multiple
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	Multiple
<b>Total Project Cost:</b>	\$3,100	<b>Urban Village:</b>	Multiple

This project funds the design and construction of a phased ventilation upgrade 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	300	700	700	700	700	0	0	3,100
<b>Total:</b>	0	300	700	700	700	700	0	0	3,100

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	300	700	700	700	700	0	0	3,100
<b>Total:</b>	0	300	700	700	700	700	0	0	3,100

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	300	700	700	700	700	0	0	3,100
<b>Total:</b>	0	300	700	700	700	700	0	0	3,100

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

### Summit Re-Implementation

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	A1IT01
<b>Start/End Date:</b>	2013-2018	<b>BCL/Program Code:</b>	A1IT
<b>Project Category:</b>	New Investment	<b>BCL/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. 2018 amounts shown below include program contingency in the event needed during implementation of Phase II of the project. LTGO bonds will be issued according to actual cash flow needs.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Interdepartmental Transfer	10,913	13,451	6,897	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 Multipurpose LTGO Bond Proceeds	13,347	4,653	0	0	0	0	0	0	18,000
General Obligation Bonds	0	13,000	0	0	0	0	0	0	13,000
General Obligation Bonds	0	0	8,248	0	0	0	0	0	8,248
<b>Total:</b>	<b>37,184</b>	<b>31,104</b>	<b>15,145</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83,433</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Finance and Administrative Services Fund	10,913	13,451	6,897	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	13,347	4,653	0	0	0	0	0	0	18,000
2017 Multipurpose LTGO Bond Fund	0	13,000	0	0	0	0	0	0	13,000
2018 Multipurpose LTGO Bond Fund	0	0	8,248	0	0	0	0	0	8,248
<b>Total:</b>	<b>37,184</b>	<b>31,104</b>	<b>15,145</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83,433</b>

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

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Finance and Administrative Services Fund	10,913	13,451	6,897	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	13,347	4,653	0	0	0	0	0	0	18,000
2017 Multipurpose LTGO Bond Fund	0	13,000	0	0	0	0	0	0	13,000
2018 Multipurpose LTGO Bond Fund	0	0	8,248	0	0	0	0	0	8,248
<b>Total:</b>	<b>37,184</b>	<b>31,104</b>	<b>15,145</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>83,433</b>
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program



## Finance and Administrative Services

**Summit Re-Implementation - Department Capital Needs**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	A1IT06
<b>Start/End Date:</b>	2013-2018	<b>BCL/Program Code:</b>	A1IT1
<b>Project Category:</b>	New Investment	<b>BCL/Program Name:</b>	Summit Re-Implementation Department Capital Needs
<b>Current Project Stage:</b>	Execution	<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	2017 REV	2018	2019	2020	2021	2022	2023	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	0	1,239	0	0	0	0	0	1,239
<b>Total:</b>	2,955	3,861	1,239	0	0	0	0	0	8,055

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	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	0	1,239	0	0	0	0	0	1,239
<b>Total:</b>	2,955	3,861	1,239	0	0	0	0	0	8,055

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	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.

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
2018 Multipurpose LTGO Bond Fund	0	0	1,239	0	0	0	0	0	1,239
<b>Total:</b>	2,955	3,861	1,239	0	0	0	0	0	8,055
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### **2018 - 2023 Proposed Capital Improvement Program**

## Finance and Administrative Services

### ADA Improvements - Citywide

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	A1GM902
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	A1GM1
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	General Government Facilities - General
		<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

FAS technical assistance, consultant engagement and City policy work will continue under the ADA Improvements–Citywide Project in 2018. Policy guidance from FAS will provide the necessary support to the departments’ prioritization and implementation of ADA improvements as identified in the Citywide Transition Plan.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	661	316	500	0	0	0	0	0	1,477
<b>Total:</b>	661	316	500	0	0	0	0	0	1,477

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	661	316	500	0	0	0	0	0	1,477
<b>Total:</b>	661	316	500	0	0	0	0	0	1,477

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	661	316	500	0	0	0	0	0	1,477
<b>Total:</b>	661	316	500	0	0	0	0	0	1,477

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

### ADA Improvements - FAS

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	A1ADA01
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	A1ADA
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	ADA Improvements - FAS
		<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 American with Disabilities Act (ADA) ongoing program that will address specific ADA improvements and upgrades at various FAS-owned and operated facilities. Past work has included reconfiguration of restrooms, meeting rooms and other spaces, reconfiguration of facility amenities such as drinking fountains and various public access routes to sites, buildings and public spaces. 2018 funding will allow FAS to develop a long-term strategy that resolves the most critical public-facing ADA deficiencies first and maximizes accessibility to the greatest extent possible.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	1,180	987	200	0	0	0	0	0	2,368
<b>Total:</b>	1,180	987	200	0	0	0	0	0	2,368

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,180	987	200	0	0	0	0	0	2,368
<b>Total:</b>	1,180	987	200	0	0	0	0	0	2,368

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,180	987	200	0	0	0	0	0	2,368
<b>Total:</b>	1,180	987	200	0	0	0	0	0	2,368

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

**Asset Preservation - Schedule 1 Facilities**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	A1APSCH101
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	A1APSCH1
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Asset Preservation - Schedule 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, the Seattle Municipal Tower and the Justice Center. Typical improvements may include, but are not limited to, energy efficiency enhancements through 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, and structural assessments and repairs. This work ensures the long-term preservation of the operational use of the facilities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	1,400	2,000	0	0	0	0	0	3,400
Department Space Allocation Charges	4,573	10,321	2,152	2,152	2,152	2,152	2,152	2,152	27,806
FAS Fund Balance	0	0	0	0	0	0	0	0	0
<b>Total:</b>	4,573	11,721	4,152	2,152	2,152	2,152	2,152	2,152	31,206

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	1,400	2,000	0	0	0	0	0	3,400
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	4,573	10,321	2,152	2,152	2,152	2,152	2,152	2,152	27,806
<b>Total:</b>	4,573	11,721	4,152	2,152	2,152	2,152	2,152	2,152	31,206

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	1,000	1,000	0	0	0	0	2,000

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

**2018 - 2023 Proposed Capital Improvement Program**

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	4,573	4,128	0	6,488	9,880	0	4,137	0	29,206
<b>Total:</b>	4,573	4,128	1,000	7,488	9,880	0	4,137	0	31,206
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

**Asset Preservation - Schedule 2 Facilities**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	A1APSCH201
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	A1APSCH2
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/Program Name:</b>	Asset Preservation - Schedule 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, energy efficiency enhancements through 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, and structural assessments and repairs. This work ensures the long-term preservation of the operational use of the facilities.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

Department Space Allocation Charges	4,362	3,236	1,848	1,848	1,848	1,848	1,848	1,848	18,686
<b>Total:</b>	4,362	3,236	1,848	1,848	1,848	1,848	1,848	1,848	18,686

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	4,362	3,236	1,848	1,848	1,848	1,848	1,848	1,848	18,686
<b>Total:</b>	4,362	3,236	1,848	1,848	1,848	1,848	1,848	1,848	18,686

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	4,362	1,950	3,134	1,848	1,848	1,848	1,848	1,848	18,686
<b>Total:</b>	4,362	1,950	3,134	1,848	1,848	1,848	1,848	1,848	18,686

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**



## Finance and Administrative Services

### City Facilities Project Delivery Services

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	A1GMPDS1
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	A1GMPDS
<b>Project Category:</b>	Improved Facility	<b>BCL/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 managed nor leased by FAS. Typical work may include, but is not limited to, the following services: predesign, programming, master planning, conceptual planning, architectural and engineering design and construction administration. FAS proposes to use the second and fourth quarterly supplemental budget process to “right size” the pass-through budget authority for this project. This approach allows FAS to meet the present needs of departments that have funding for their projects and is consistent with year-end accounting and budgetary requirements.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	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	2017 REV	2018	2019	2020	2021	2022	2023	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	2017 REV	2018	2019	2020	2021	2022	2023	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

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

### City Hall and Seattle Municipal Tower Tenant Improvements

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	A1GM118
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	A1GM1
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	General Government Facilities - General
		<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 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, working with project sponsors to catalog space and equipment needs, energy efficiency improvements, developing planning options, developing project cost estimates, and construction. Work may also include analysis of how vacated space in other facilities might be utilized for other city uses.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	1,377	2,486	1,285	0	0	0	0	0	5,148
Property Sales and Interest Earnings-2	1	349	0	0	0	0	0	0	350
General Obligation Bonds	499	0	0	0	0	0	0	0	499
<b>Total:</b>	<b>1,876</b>	<b>2,836</b>	<b>1,285</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,997</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,377	2,486	1,285	0	0	0	0	0	5,148
Cumulative Reserve Subfund - Unrestricted Subaccount	1	349	0	0	0	0	0	0	350
2013 Multipurpose LTGO Bond Fund	499	0	0	0	0	0	0	0	499
<b>Total:</b>	<b>1,876</b>	<b>2,836</b>	<b>1,285</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,997</b>

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,377	2,486	1,285	0	0	0	0	0	5,148

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

### 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1	349	0	0	0	0	0	0	350
2013 Multipurpose LTGO Bond Fund	499	0	0	0	0	0	0	0	499
<b>Total:</b>	1,876	2,836	1,285	0	0	0	0	0	5,997
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

### Customer Requested Tenant Improvement Program

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	A1GMPDS0
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	A1GMPDS
<b>Project Category:</b>	Improved Facility	<b>BCL/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 tenant improvement work, as requested by City departments, at facilities that are managed or leased by FAS. Typical improvements may include, but are not limited to tenant space remodels, security system upgrades and equipment replacement. Other project types include architectural and engineering services including conceptual planning, design alternative development and preliminary cost estimating. 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Real Estate Excise Tax I	0	500	0	0	0	0	0	0	500
Interdepartmental Transfer	0	0	3,500	3,500	3,500	3,500	3,500	3,500	21,000
<b>Total:</b>	0	500	3,500	3,500	3,500	3,500	3,500	3,500	21,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	500	0	0	0	0	0	0	500
Finance and Administrative Services Fund	0	0	3,500	3,500	3,500	3,500	3,500	3,500	21,000
<b>Total:</b>	0	500	3,500	3,500	3,500	3,500	3,500	3,500	21,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	500	0	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.*

### 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Finance and Administrative Services Fund	0	0	3,500	3,500	3,500	3,500	3,500	3,500	21,000
<b>Total:</b>	0	500	3,500	3,500	3,500	3,500	3,500	3,500	21,500
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

**Energy Efficiency for Municipal Buildings**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	A1EXT02
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	A1EXT
<b>Project Category:</b>	Improved Facility	<b>BCL/Program Name:</b>	FAS Oversight - External Projects
		<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 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 and shown here as future General Subfund revenue. Work may include but is not limited to, building tune-ups, facility improvements, building energy upgrades, and energy efficiency measures.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Subfund	1	328	0	0	0	0	0	0	329
Real Estate Excise Tax I	842	5,258	2,500	2,500	2,500	0	0	0	13,600
<b>Total:</b>	843	5,586	2,500	2,500	2,500	0	0	0	13,929

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
General Subfund	1	328	0	0	0	0	0	0	329
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	842	5,258	2,500	2,500	2,500	0	0	0	13,600
<b>Total:</b>	843	5,586	2,500	2,500	2,500	0	0	0	13,929

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
General Subfund	1	328	0	0	0	0	0	0	329
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	842	5,258	2,500	2,500	2,500	0	0	0	13,600
<b>Total:</b>	843	5,586	2,500	2,500	2,500	0	0	0	13,929

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Finance and Administrative Services

### Garden of Remembrance

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	A11452
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	A51647
<b>Project Category:</b>	Rehabilitation or Restoration	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Property Sales and Interest Earnings-2	379	27	28	28	29	30	30	31	582
<b>Total:</b>	379	27	28	28	29	30	30	31	582

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	379	27	28	28	29	30	30	31	582
<b>Total:</b>	379	27	28	28	29	30	30	31	582

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	379	27	28	28	29	30	30	31	582
<b>Total:</b>	379	27	28	28	29	30	30	31	582

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program



## Finance and Administrative Services

### Police Facilities

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	A1PS101
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	A1PS1
<b>Project Category:</b>	New Investment	<b>BCL/Program Name:</b>	Public 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, 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, 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

Real Estate Excise Tax I	2,437	578	2,500	0	0	0	0	0	5,515
Property Sales and Interest Earnings-2	80	0	0	0	0	0	0	0	80
<b>Total:</b>	2,517	578	2,500	0	0	0	0	0	5,595

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,437	578	2,500	0	0	0	0	0	5,515
Cumulative Reserve Subfund - Unrestricted Subaccount	80	0	0	0	0	0	0	0	80
<b>Total:</b>	2,517	578	2,500	0	0	0	0	0	5,595

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,437	578	2,500	0	0	0	0	0	5,515
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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.*

### 2018 - 2023 Proposed Capital Improvement Program

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	80	0	0	0	0	0	0	0	80
<b>Total:</b>	2,517	578	2,500	0	0	0	0	0	5,595
			<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</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.*

**2018 - 2023 Proposed Capital Improvement Program**

# **Information Technology**



## Seattle Information Technology Department

### Overview

The Seattle Information Technology Department (Seattle IT) provides powerful technology solutions to the City and public we serve, including data, telephone, and radio networks; applications and application infrastructure; desktop, mobile and printing devices; cloud services; website and internet connections; data centers, servers, storage, and backup equipment; and digital engagement services. Seattle IT also manages designated technology 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 2018-2023 Proposed Capital Improvement Program is budgeted at \$177 million. Funding comes from a number of sources including rates and allocations to City departments as well as external partners, cable franchise fees, collected reserve funds, bonds and grants. Seattle IT's proposed CIP for 2018-2023 includes various modifications or additions to projects as outlined in the CIP Highlights section. Notably, the proposed CIP includes the transfer of some CIP funds to Seattle IT's operating budget for a number of ongoing CIP projects. It also includes the transfer of funds between Seattle Police Department (SPD) projects to reflect savings from operations and project management costs which will be repurposed to support the Records Management System (RMS) project within the SPD Applications Development program.

2018 Proposed CIP budget details are provided in the following table.

Program/Project Name	2018 Amount	Planned Spending
<b>Discrete Projects:</b>		
<b>HRIS Replacement</b>	<b>\$1,500,000</b>	Replace Seattle's current Human Resources Information System (HRIS).
<b>SRI Side Systems Support</b>	<b>\$2,277,671</b>	Department support and implementation of side systems for the Summit Reimplementation (SRI) Project.
<b>SMT Remodel - IT</b>	<b>\$1,200,000</b>	Renovate several floors of the Seattle Municipal Tower (SMT) to meet new City office space standards.
<b>Ongoing Projects:</b>		
<b>800 MHz Radio Network Program</b>	<b>\$4,649,500</b>	Infrastructure upgrades and mobile radio replacements (\$650K) and PSERN Replacement Project (\$4M).
<b>Applications Development-GF</b>	<b>\$1,777,358</b>	Several software system upgrade projects including Citywide Contract Management (\$480K), OSE Tune Up Database (\$240K) and Workers Comp System (\$1.06M).
<b>Applications Development-DPR</b>	<b>\$1,825,000</b>	Budget system replacement.
<b>Applications Development-SDOT</b>	<b>\$1,500,817</b>	System upgrades for SDOT's Portfolio Management System (\$85K), PACT (\$552K), Medgate Safety Mgmt. (\$356K), and Parking App (\$507K)

## Seattle Information Technology Department

<b>Applications Development-SPD</b>	<b>\$3,614,342</b>	System upgrades for SPD's Work Scheduling system (\$761K) and Record Management System (\$2.85M).
<b>Computing Services Architecture</b>	<b>\$974,276</b>	Routine equipment (servers, storage, software & facility infrastructure) replacement/upgrades.
<b>Criminal Justice Information System Projects</b>	<b>\$5,349,000</b>	Implement an enterprise case management system for the Seattle Municipal Court (SMC) (\$5.02M) and replace the Criminal Prosecution Case Management system (\$325K).
<b>Data &amp; Telephone Infrastructure</b>	<b>\$1,955,297</b>	Routine equipment replacement/upgrades.
<b>Fiber-Optic Communication Installation &amp; Maintenance</b>	<b>\$4,013,252</b>	Fiber installation (\$2.72M) and maintenance (\$1.29M).
<b>IT Security</b>	<b>\$746,774</b>	Systems upgrades/replacements (\$103K), maintenance (\$144K), and expanded capacity (\$500K).
<b>Permit System Integration</b>	<b>\$3,754,855</b>	Department specific implementation and support of the Permit System Integration project for FAS (\$2.79M) and SFD (\$963K).
<b>Seattle Channel Maintenance &amp; Upgrade</b>	<b>\$381,135</b>	Equipment replacement (\$305K) and maintenance (\$76K).
<b>SPD Body Worn Video</b>	<b>\$690,169</b>	Ongoing support for SPD's Body Worn Video program.
<b>SPD Data Analytics Platform</b>	<b>\$352,641</b>	Implementation and support for SPD's Data Analytics Platform.
<b>Technology Management Tools</b>	<b>\$334,619</b>	Ongoing maintenance of the City's new IT Incident Management and Change Management systems.
<b>Department Total</b>	<b>\$36,896,706</b>	

### CIP Revenue Sources

Seattle IT's CIP is funded through a variety of revenue sources, including:

- Rates/Allocations:** There are multiple services within the department that are allocated based on a percentage of use for the service provided. In addition, services are billed using a basis for the service billed such as time and materials, quantity of equipment and or actual costs. Costs for labor and materials in this category are also billed directly to projects supported by the department. 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. In recent years, rates and allocations have accounted for an increasing percentage of Seattle IT's CIP funding.

## Seattle Information Technology Department

- **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 fees that are set in franchise agreements with the cable provider. 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 O&M items, with intermittent large expenditures associated with major replacements and upgrades.
- **Private Dollars:** Private funding contributions to capital projects. 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 replacement and upgrade of the countywide radio system involves a new levy. Outside of that, no additional levy funding is anticipated.
- **Bonds & Future Bond Proceeds:** Seattle IT occasionally uses 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.
- **To Be Determined:** Occasionally, Seattle IT's adopted 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.

### CIP Highlights

Seattle IT's 2018-2023 Proposed CIP budget focuses on ensuring the continued reliability and operation of the City's technology tools and systems, maintaining technology and data security, improving staff efficiency and effectiveness, and helping make government more accessible, accountable and transparent.

The 2018-2023 Proposed Budget includes funding for several major projects and initiatives, including:

- Computing Services Architecture (\$7.5 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 (\$13.2 million) funds the maintenance, replacement and upgrades of software and major hardware for the City's data and telephone systems. The City is 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. Additionally, the City is pursuing a multi-year project to implement a unified communications system to replace its existing telephone and voice over internet protocol systems.
- IT Security (\$5.3 million) provides funds to acquire, maintain, replace and upgrade hardware and software for the City's IT security systems. The project will expand the capacity of the City's IT security systems and enhance our ability to meet Healthcare Information Portability and Accountability (HIPAA) and Payment Card Industry (PCI) compliance requirements.

The proposed budget also includes the following additions and modifications to CIP projects:

- Seattle Municipal Tower (SMT) Remodel - IT (\$8.0 million) is a multi-year project to acquire, renovate and expand space for Seattle IT. Work will continue in 2018 to reconstruct several floors in the Seattle Municipal Tower to meet new City office standards.
- Criminal Justice Information System Replacement Project (\$37.3 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 Municipal Court Information System (MCIS), 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. Seattle IT has reduced funding to replace the Municipal Court Information System (MCIS) in 2018 to reflect the project's updated spending plan. In addition, the project now includes an initiative to replace the criminal prosecution case management system for the Law Department. This CIP project was formerly known as the Municipal Court Information System Replacement Project and was renamed to more accurately reflect efforts beyond MCIS replacement.
- Human Resources Information System (HRIS) Replacement Project (\$1.5 million) provides initial funding to re-implement or replace HRIS, which supports the City's Payroll Processing, Human



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Resources, and Benefits Administration and Retirement Payroll. In 2018, the project's initial phase will review and evaluate options available to the City.

- General Fund Applications Development (\$1.8 million) provides funding 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. In 2018, additional funding will provide for the implementation of an improved Workers' Compensation system. This effort will streamline the claims management and payment process.
- SDOT Applications Development (\$1.5 million) funds the development and implementation of software applications used by the Seattle Department of Transportation. 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. In 2018, SDOT will begin projects that provide the public with better access to the City's diverse spectrum of transportation options and resources.
- Seattle Police Department (SPD) Applications Development (\$4.2 million) received funding transfers from other SPD initiatives in 2018 to support the Records Management System (RMS) replacement project. The transferred funds represent savings from operating and project management costs for the following projects: Body Worn Video (\$1.55 million), Data Analytics Platform (\$211K), and Work Scheduling and Timekeeping replacement (\$174K).
- Ongoing operating and maintenance funding (\$26.4 million) has been removed from multiple projects and transferred into the Seattle IT operating budget in 2018. The changes better reflect expenditures to be attributed to the Seattle IT Proposed CIP budget initiatives.

### Thematic Priorities

In addition to supporting Mayoral and Council goals for the City, Seattle IT uses the priorities adopted by the Mayor's IT Subcabinet to drive its work and consequently its operating and CIP budgets. These 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 our City government staff will increase at a similar rate. Instead, we 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. We will expand the City's use of data to help reduce traffic congestion, fight crime, foster economic development, reduce greenhouse gases, and make local governments more open, responsive and efficient.

#### *Priority 2: Digital Equity*

Seattle known for technology and innovation, yet too many residents do not have sufficient internet access or the skills necessary to participate fully in our high-tech economy and community. By working

## Seattle Information Technology Department

with community organizations, providers and academic institutions, we 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.

With the creation of Seattle IT, the City can envision and plan for enterprise solutions that enhance public engagement and improve user experience.

### *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. City departments also collect different forms of data – for example, police, fire and emergency services collect video and electronic data while responding to calls. At the same time, information and cyber security threats continue to evolve and pose risks to the city. Increasing awareness of threats and taking steps to implement proactive citywide solutions can mitigate these risks 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**

As part of IT consolidation, Seattle IT is revising its client services management and project intake processes. The new processes are being implemented in 2017. The process described below is the one in place as of July 2017 which was used by Seattle IT to identify and prioritize projects for inclusion in its CIP.

### **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. Information is drawn from several sources, including:

- customer department requests and requirements (including aligning technology plans to department strategic plans)
- Seattle IT Strategic Agenda
- technology roadmaps (updated annually)
- asset replacement schedules
- coordination with partners (regional efforts, vendor partners, etc.)

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This step includes development of initial cost estimates & 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**

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

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 included in the 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:**

Projects are then screened to determine if they are a match for Seattle IT's normal maintenance/upgrade/replacement programs within the CIP. Projects such as these tend to be smaller in scale (<\$250,000), and/or "like for like" replacements (e.g., old equipment replaced by new equipment with little to no functionality change). These projects are rated by program managers based on criteria tailored to each program and implemented as annual funding allows.

Larger capital projects 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 departments 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/City 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

## Seattle Information Technology Department

- key future trend/forward-looking/pro-active

### STEP 4: Business Steering Committee Review

In 2016, Seattle IT established the Business Steering Committee. The Committee is a group of business leaders from across the City convened to review key IT project requests, evaluate project requests to determine their likelihood of delivering proposed business value, and prioritize requests for competing resources. The Committee is chaired by the City Budget Office and accountable to the Mayor's IT Subcabinet.

### 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 our security, privacy and governance landscape. Vendors regularly de-certify and stop supporting products the City relies upon, leaving us 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 and instead, 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.
- **Creation of Seattle IT and the need for rationalization/duplication:** The City has a 15-year history of making technology decisions in the context of their own 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 more clearly identify the duplication created from this historical approach to IT investments. 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. We are investing in an application rationalization assessment to help us identify opportunities to reduce application spending, and we are assessing duplicative services that could be combined to reduce spending. Any changes made, such as discontinuing an application or service, will require willingness of affected City departments and users to convert to a new way of performing their work – and potentially an up-front conversion cost. These may be difficult conversations and decisions to make based on familiarity with the current applications, however Seattle IT will remain focused on balancing user needs with costs and will engage the Mayor and City Council for support.
- **Consistency:** The City should strive to offer a consistent and connected experience across its web, mobile and customer service hotlines. Regardless of which medium a user selects, they should be able to obtain a view of their relationship with the City, submit and see the status of service requests, find City resources and connect with their elected officials with one set of authentication credentials. Achieving this vision will require departments to agree to a common

## Seattle Information Technology Department

data and enterprise architecture for self-service customer service solutions. It will also require departments to assess their customer-facing processes and potentially make modifications to incorporate touch points with the City's common architecture and customer service processes. Similarly, making City services available across multiple platforms and in multiple languages will require departments to agree to implement key standards for website and application development. Seattle IT took steps to address some aspects of this issue in 2016 with the redesign of key sites hosted on Seattle.Gov, with remaining City sites to be redesigned by 2018.

- **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.

### Future Projects/What is on the Horizon

As of the time this document is written, Seattle IT has identified several initiatives and issues which will need to be addressed at some future point.

- **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. After IT consolidation, Seattle IT inherited responsibility for many such systems, most of which did not come with any long-term replacement funding. Replacement/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 other large applications and systems needing replacement are not comprehensively programmed into our CIP.
- **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 2018 fiscal year; however, it does not reflect the results of any potential changes related to the future governance or operation of this system.

## Seattle Information Technology Department

- **Infrastructure systems which require replacement/upgrade:** 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, more intermittent replacements are difficult to fund within the existing budget, such as the next round of data center equipment which will need to be replaced as soon as 2019-2020.
- **Data Protection, Governance, and Enterprise Content Management:** The City continues to face challenges regarding how it collects, protects and discloses data. These challenges stem from a lack of consistent data handling policies and procedures, and a lack of tools to efficiently manage and identify data. The Citywide Privacy Program is making strides to educate City staff on data collection and handling best practices, but both this program and the rollout of Office 365 are identifying gaps in the City's approach to Enterprise Content Management. Seattle IT will continue to work with stakeholders across the City to understand what investments can help drive consistency across our data collection and handling practices, including policies that facilitate privacy consideration. New technology tools may be necessary to help enhance data protection and improve electronic discovery practices.
- **Smart, data-driven City:** Technology is creating new opportunities to reduce traffic congestion, fight crime, foster economic development, reduce greenhouse gases, and make local governments more open, responsive and efficient. Around the world, cities are beginning to harness the power of sensors, cloud computing, high-speed networks, and data analytics. In Seattle, departments are becoming more data driven, focusing on performance management, and making data publicly available to encourage development of innovative solutions that improve our quality of life. Initial City projects like Seattle Public Utilities RainWatch, the Seattle 2030 District, and traffic management system projects are demonstrating the improved public experience and cost savings that can be realized through smart cities initiatives. However, the City has not developed a plan for managing this new form of technology investment. Much like the current state of IT within the City, without proper planning and investment in management platforms, we risk departments making duplicative investments that limit cross-department benefits, increase maintenance costs and hinder our ability to quickly benefit from future advances in technology. Seattle IT will be working with departments to understand how the City can collectively plan for leveraging smart cities technologies in a coordinated manner.

# Seattle Information Technology

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2017	2018	2019	2020	2021	2022	2023	Total
<b>Capital Improvement Projects</b>									
<u>Discrete</u>									
Human Resources Information System Replacement Project (D601TC008)	0	500	1,500	0	0	0	0	0	2,000
Seattle Municipal Tower Remodel - IT (D102TC032)	492	6,008	1,200	4,500	2,300	0	0	0	14,500
SRI Side Systems Support (D601TC004)	0	6,076	2,278	0	0	0	0	0	8,354
<u>Ongoing</u>									
800 MHz Radio Network Program (D3RNRS)	17,597	2,405	4,650	669	687	705	723	742	28,178
Applications Development-DON (D601TCDON)	0	637	0	0	0	0	0	0	637
Applications Development-DPR (D601TCDPR)	0	575	1,825	0	0	0	0	0	2,400
Applications Development-General Fund (D601TC000)	0	449	1,777	0	0	0	0	0	2,226
Applications Development-SDOT (D601TCDOT)	0	4,524	1,501	0	0	0	0	0	6,025
Applications Development-SPD (D601TCSPD)	0	3,216	3,614	600	0	0	0	0	7,430
Computing Services Architecture (D300CSARC)	13,038	5,169	974	2,219	1,028	1,055	1,082	1,110	25,675
Criminal Justice Information System Projects (D601TC009)	0	2,639	5,349	10,000	10,000	10,000	2,000	0	39,988
Data Analytics Platform - Seattle Police Department (D102TR005)	9,485	1,936	353	210	0	0	0	0	11,984
Data and Telephone Infrastructure (COMMINFRA)	21,403	6,508	1,955	2,636	2,068	2,123	2,177	2,233	41,103
Enterprise Computing (D301CS001)	6,644	526	0	2,527	1,362	606	0	0	11,665
Fiber-Optic Communication Installation and Maintenance (FIBER)	31,236	5,398	4,013	4,133	4,245	4,356	4,468	4,582	62,431

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

### 2018 - 2023 Proposed Capital Improvement Program

IT Security (D202TC001)	362	1,282	747	860	920	907	930	954	6,962
Next Generation Data Center (D102TC007)	37,195	3,400	0	0	21,769	6,170	2,482	0	71,016
Permit System Integration (D601TCPSI)	0	4,201	3,755	0	0	0	0	0	7,956
Seattle Channel Maintenance and Upgrade (D404EC001)	2,129	413	381	393	403	414	424	435	4,992
SPD Body Worn Video (D913TC000)	205	4,565	690	2,240	2,240	2,240	2,240	2,240	16,660
Technology Management Tools (D102TC015)	567	3,063	335	345	3,252	363	373	382	8,680
<b>Capital Improvement Projects</b>	<b>140,353</b>	<b>63,490</b>	<b>36,897</b>	<b>31,332</b>	<b>50,274</b>	<b>28,939</b>	<b>16,899</b>	<b>12,678</b>	<b>380,862</b>
<b>Department Total:</b>	<b>140,353</b>	<b>63,490</b>	<b>36,897</b>	<b>31,332</b>	<b>50,274</b>	<b>28,939</b>	<b>16,899</b>	<b>12,678</b>	<b>380,862</b>

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

### 2018 - 2023 Proposed Capital Improvement Program



# Seattle Information Technology

## Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>Total</b>
Information Technology Fund (50410)	140,353	63,490	36,897	31,332	50,274	28,939	16,899	12,678	380,862
<b>Department Total:</b>	140,353	63,490	36,897	31,332	50,274	28,939	16,899	12,678	380,862

*\*Amounts in thousands of dollars*

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Information Technology

### Human Resources Information System Replacement Project

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	D601TC008
<b>Start/End Date:</b>	2016-TBD	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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>	\$2,000	<b>Urban Village:</b>	Downtown

This project provides initial funding to begin a multi-year initiative to re-implement or replace the HRIS, which supports the City's Payroll Processing, Human Resources, and Benefits Administration and Retirement Payroll. In 2018, the project's initial phase will review and evaluate options available to the City.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	0	500	1,500	0	0	0	0	0	2,000
<b>Total:</b>	0	500	1,500	0	0	0	0	0	2,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	0	500	1,500	0	0	0	0	0	2,000
<b>Total:</b>	0	500	1,500	0	0	0	0	0	2,000

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	0	500	1,500	0	0	0	0	0	2,000
<b>Total:</b>	0	500	1,500	0	0	0	0	0	2,000

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Information Technology

### Seattle Municipal Tower Remodel - IT

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	D102TC032
<b>Start/End Date:</b>	2016-2020	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	Improved Facility	<b>BCL/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 2018, the effort will continue with the renovation of multiple floors to meet new City office space standards.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	492	1,208	1,200	4,500	2,300	0	0	0	9,700
2017 Multipurpose LTGO Bond Proceeds	0	4,800	0	0	0	0	0	0	4,800
<b>Total:</b>	492	6,008	1,200	4,500	2,300	0	0	0	14,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	492	6,008	1,200	4,500	2,300	0	0	0	14,500
<b>Total:</b>	492	6,008	1,200	4,500	2,300	0	0	0	14,500

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	492	6,008	1,200	4,500	2,300	0	0	0	14,500
<b>Total:</b>	492	6,008	1,200	4,500	2,300	0	0	0	14,500

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Information Technology

**SRI Side Systems Support**

<b>Project Type:</b>	Discrete	<b>Project No.:</b>	D601TC004
<b>Start/End Date:</b>	2017-2018	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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>	\$8,354	<b>Urban Village:</b>	Downtown

This project provides funding to redevelop and reintegrate numerous department systems with the Summit Reimplementation Project (SRI). These department systems are highly integrated with SUMMIT and are now supported by Seattle IT. Streamlining and integrating these systems will allow users to maintain functionality in the latest implementation of SUMMIT.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	0	4,263	1,551	0	0	0	0	0	5,814
2017 Multipurpose LTGO Bond Proceeds	0	1,813	0	0	0	0	0	0	1,813
2018 Multipurpose LTGO Bond Proceeds	0	0	727	0	0	0	0	0	727
<b>Total:</b>	0	6,076	2,278	0	0	0	0	0	8,354

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	0	6,076	2,278	0	0	0	0	0	8,354
<b>Total:</b>	0	6,076	2,278	0	0	0	0	0	8,354

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	0	6,076	2,278	0	0	0	0	0	8,354
<b>Total:</b>	0	6,076	2,278	0	0	0	0	0	8,354

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Information Technology

**800 MHz Radio Network Program**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D3RNRS
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	17,597	2,405	4,650	669	687	705	723	742	28,178
<b>Total:</b>	17,597	2,405	4,650	669	687	705	723	742	28,178

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	17,597	2,405	4,650	669	687	705	723	742	28,178
<b>Total:</b>	17,597	2,405	4,650	669	687	705	723	742	28,178

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	17,597	2,405	4,650	669	687	705	723	742	28,178
<b>Total:</b>	17,597	2,405	4,650	669	687	705	723	742	28,178

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Information Technology

### Applications Development- DON

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D601TCDON
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	0	637	0	0	0	0	0	0	637
<b>Total:</b>	0	637	0	0	0	0	0	0	637

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	0	637	0	0	0	0	0	0	637
<b>Total:</b>	0	637	0	0	0	0	0	0	637

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	0	637	0	0	0	0	0	0	637
<b>Total:</b>	0	637	0	0	0	0	0	0	637

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Information Technology

### Applications Development- DPR

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D601TC DPR
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	0	575	1,825	0	0	0	0	0	2,400
<b>Total:</b>	0	575	1,825	0	0	0	0	0	2,400

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	0	575	1,825	0	0	0	0	0	2,400
<b>Total:</b>	0	575	1,825	0	0	0	0	0	2,400

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	0	575	1,825	0	0	0	0	0	2,400
<b>Total:</b>	0	575	1,825	0	0	0	0	0	2,400

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program



## Seattle Information Technology

### Applications Development- General Fund

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D601TC000
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Subfund Revenues	0	449	1,777	0	0	0	0	0	2,226
<b>Total:</b>	0	449	1,777	0	0	0	0	0	2,226

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	0	449	1,777	0	0	0	0	0	2,226
<b>Total:</b>	0	449	1,777	0	0	0	0	0	2,226

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	0	449	1,777	0	0	0	0	0	2,226
<b>Total:</b>	0	449	1,777	0	0	0	0	0	2,226

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Information Technology

### Applications Development- SDOT

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D601TCDOT
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	0	4,524	1,501	0	0	0	0	0	6,025
<b>Total:</b>	0	4,524	1,501	0	0	0	0	0	6,025

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	0	4,524	1,501	0	0	0	0	0	6,025
<b>Total:</b>	0	4,524	1,501	0	0	0	0	0	6,025

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	0	4,524	1,501	0	0	0	0	0	6,025
<b>Total:</b>	0	4,524	1,501	0	0	0	0	0	6,025

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Information Technology

### Applications Development- SPD

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D601TCSPD
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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 Seattle Police Department (SPD). The applications will improve personnel oversight and deployment, in addition to enhancing the accessibility and quality of SPD data. These applications will support ongoing efforts to achieve improved transparency and compliance.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Obligation Bonds	0	1,094	0	0	0	0	0	0	1,094
Internal Service Fees and Allocations, Outside Funding Partners	0	2,122	3,614	600	0	0	0	0	6,336
<b>Total:</b>	0	3,216	3,614	600	0	0	0	0	7,430

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	0	3,216	3,614	600	0	0	0	0	7,430
<b>Total:</b>	0	3,216	3,614	600	0	0	0	0	7,430

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	0	3,216	3,614	600	0	0	0	0	7,430
<b>Total:</b>	0	3,216	3,614	600	0	0	0	0	7,430

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	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

**Computing Services Architecture**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D300CSARC
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	12,038	5,169	974	1,001	1,028	1,055	1,082	1,110	23,457
2014 Multipurpose LTGO Bond Proceeds	1,000	0	0	0	0	0	0	0	1,000
2019 Multipurpose LTGO Bond Proceeds	0	0	0	1,218	0	0	0	0	1,218
<b>Total:</b>	13,038	5,169	974	2,219	1,028	1,055	1,082	1,110	25,675
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	13,038	5,169	974	2,219	1,028	1,055	1,082	1,110	25,675
<b>Total:</b>	13,038	5,169	974	2,219	1,028	1,055	1,082	1,110	25,675
	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	13,038	5,169	974	3,437	1,028	1,055	1,082	1,110	26,893
<b>Total:</b>	13,038	5,169	974	3,437	1,028	1,055	1,082	1,110	26,893
			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Information Technology

### Criminal Justice Information System Projects

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D601TC009
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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 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. The project was renamed in 2018 to more accurately reflect efforts beyond MCIS replacement.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Obligation Bonds	0	2,639	5,349	10,000	10,000	10,000	2,000	0	39,988
<b>Total:</b>	0	2,639	5,349	10,000	10,000	10,000	2,000	0	39,988

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	0	2,639	5,349	10,000	10,000	10,000	2,000	0	39,988
<b>Total:</b>	0	2,639	5,349	10,000	10,000	10,000	2,000	0	39,988

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	0	2,639	5,336	10,000	10,000	10,000	2,000	0	39,975
<b>Total:</b>	0	2,639	5,336	10,000	10,000	10,000	2,000	0	39,975

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Information Technology

**Data Analytics Platform - Seattle Police Department**

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D102TR005
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Subfund Revenues	4,285	1,936	353	210	0	0	0	0	6,784
Parking Garage Disposition Proceeds	5,200	0	0	0	0	0	0	0	5,200
<b>Total:</b>	9,485	1,936	353	210	0	0	0	0	11,984

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	9,485	1,936	353	210	0	0	0	0	11,984
<b>Total:</b>	9,485	1,936	353	210	0	0	0	0	11,984

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	9,485	1,936	353	210	0	0	0	0	11,984
<b>Total:</b>	9,485	1,936	353	210	0	0	0	0	11,984

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Information Technology

Data and Telephone Infrastructure

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	COMMINFRA
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Obligation Bonds	1,400	0	0	0	0	0	0	0	1,400
Internal Service Fees and Allocations, Outside Funding Partners	20,003	6,508	1,955	2,014	2,068	2,123	2,177	2,233	39,081
2019 Multipurpose LTGO Bond Proceeds	0	0	0	622	0	0	0	0	622
<b>Total:</b>	21,403	6,508	1,955	2,636	2,068	2,123	2,177	2,233	41,103

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	21,403	6,508	1,955	2,636	2,068	2,123	2,177	2,233	41,103
<b>Total:</b>	21,403	6,508	1,955	2,636	2,068	2,123	2,177	2,233	41,103

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	21,403	6,508	1,955	2,636	2,068	2,123	2,177	2,233	41,103
<b>Total:</b>	21,403	6,508	1,955	2,636	2,068	2,123	2,177	2,233	41,103

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Information Technology

Enterprise Computing

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D301CS001
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Obligation Bonds	2,900	0	0	2,527	1,362	606	0	0	7,395
Internal Service Fees and Allocations, Outside Funding Partners	399	526	0	0	0	0	0	0	925
2014 Multipurpose LTGO Bond Proceeds	2,170	0	0	0	0	0	0	0	2,170
2015 Multipurpose LTGO Bond Proceeds	1,175	0	0	0	0	0	0	0	1,175
<b>Total:</b>	6,644	526	0	2,527	1,362	606	0	0	11,665

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	6,644	526	0	2,527	1,362	606	0	0	11,665
<b>Total:</b>	6,644	526	0	2,527	1,362	606	0	0	11,665

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	6,644	526	0	2,527	1,362	606	0	0	11,665
<b>Total:</b>	6,644	526	0	2,527	1,362	606	0	0	11,665

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

## 2018 - 2023 Proposed Capital Improvement Program



## Seattle Information Technology

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Information Technology

### Fiber-Optic Communication Installation and Maintenance

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	FIBER
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/Program Name:</b>	Capital Improvement Projects
		<b>Location:</b>	Various Locations
<b>Neighborhood District:</b>	Multiple	<b>Council District:</b>	3
<b>Total Project Cost:</b>	N/A	<b>Urban Village:</b>	Multiple

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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	31,236	5,398	4,013	4,133	4,245	4,356	4,468	4,582	62,431
<b>Total:</b>	31,236	5,398	4,013	4,133	4,245	4,356	4,468	4,582	62,431

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	31,236	5,398	4,013	4,133	4,245	4,356	4,468	4,582	62,431
<b>Total:</b>	31,236	5,398	4,013	4,133	4,245	4,356	4,468	4,582	62,431

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	31,236	5,398	4,013	4,133	4,245	4,356	4,468	4,582	62,431
<b>Total:</b>	31,236	5,398	4,013	4,133	4,245	4,356	4,468	4,582	62,431

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Information Technology

### IT Security

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D202TC001
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	362	1,282	747	860	920	907	930	954	6,962
<b>Total:</b>	362	1,282	747	860	920	907	930	954	6,962

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	362	1,282	747	860	920	907	930	954	6,962
<b>Total:</b>	362	1,282	747	860	920	907	930	954	6,962

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	362	1,282	747	860	920	907	930	954	6,962
<b>Total:</b>	362	1,282	747	860	920	907	930	954	6,962

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	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>	D102TC007
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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 information technology systems.

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Obligation Bonds	0	0	0	0	21,769	6,170	2,482	0	30,421
Internal Service Fees and Allocations, Outside Funding Partners	2,908	1,575	0	0	0	0	0	0	4,483
2013 Multipurpose LTGO Bond Proceeds	2,625	0	0	0	0	0	0	0	2,625
2014 Multipurpose LTGO Bond Proceeds	26,200	0	0	0	0	0	0	0	26,200
2015 Multipurpose LTGO Bond Proceeds	5,462	1,825	0	0	0	0	0	0	7,287
<b>Total:</b>	37,195	3,400	0	0	21,769	6,170	2,482	0	71,016

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	37,195	3,400	0	0	21,769	6,170	2,482	0	71,016
<b>Total:</b>	37,195	3,400	0	0	21,769	6,170	2,482	0	71,016

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	37,195	3,400	0	0	21,769	6,170	2,482	0	71,016
<b>Total:</b>	37,195	3,400	0	0	21,769	6,170	2,482	0	71,016

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

**2018 - 2023 Proposed Capital Improvement Program**

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

**2018 - 2023 Proposed Capital Improvement Program**

## Seattle Information Technology

### Permit System Integration

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D601TCPSI
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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 funding to develop, implement, 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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	0	3,201	3,755	0	0	0	0	0	6,956
Parking Garage Disposition Proceeds	0	1,000	0	0	0	0	0	0	1,000
<b>Total:</b>	0	4,201	3,755	0	0	0	0	0	7,956

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	0	4,201	3,755	0	0	0	0	0	7,956
<b>Total:</b>	0	4,201	3,755	0	0	0	0	0	7,956

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	0	4,201	3,755	0	0	0	0	0	7,956
<b>Total:</b>	0	4,201	3,755	0	0	0	0	0	7,956

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Information Technology

### Seattle Channel Maintenance and Upgrade

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D404EC001
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	2,129	413	381	393	403	414	424	435	4,992
<b>Total:</b>	2,129	413	381	393	403	414	424	435	4,992

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	2,129	413	381	393	403	414	424	435	4,992
<b>Total:</b>	2,129	413	381	393	403	414	424	435	4,992

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	2,129	413	381	393	403	414	424	435	4,992
<b>Total:</b>	2,129	413	381	393	403	414	424	435	4,992

			2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>									
<b>Total:</b>			0	0	0	0	0	0	0

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

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Information Technology

SPD Body Worn Video

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D913TC000
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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

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	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Resources</b>									
General Subfund Revenues	205	3,965	690	2,240	2,240	2,240	2,240	2,240	16,060
Miscellaneous Grants or Donations	0	600	0	0	0	0	0	0	600
<b>Total:</b>	205	4,565	690	2,240	2,240	2,240	2,240	2,240	16,660

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Fund Appropriations/ Allocations*</b>									
Information Technology Fund	205	4,565	690	2,240	2,240	2,240	2,240	2,240	16,660
<b>Total:</b>	205	4,565	690	2,240	2,240	2,240	2,240	2,240	16,660

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
<b>Spending Plan</b>									
Information Technology Fund	205	4,565	690	2,240	2,240	2,240	2,240	2,240	16,660
<b>Total:</b>	205	4,565	690	2,240	2,240	2,240	2,240	2,240	16,660

	2018	2019	2020	2021	2022	2023	Total
<b>O &amp; M Costs (Savings)</b>							
<b>Total:</b>	0	0	0	0	0	0	0

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

## 2018 - 2023 Proposed Capital Improvement Program



## Seattle Information Technology

### Technology Management Tools

<b>Project Type:</b>	Ongoing	<b>Project No.:</b>	D102TC015
<b>Start/End Date:</b>	N/A	<b>BCL/Program Code:</b>	50410-C7000
<b>Project Category:</b>	New Investment	<b>BCL/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	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Resources**

Internal Service Fees and Allocations, Outside Funding Partners	154	976	335	345	354	363	373	382	3,282
2015 Multipurpose LTGO Bond Proceeds	413	2,087	0	0	0	0	0	0	2,500
2020 Multipurpose LTGO Bond Proceeds	0	0	0	0	2,898	0	0	0	2,898
<b>Total:</b>	567	3,063	335	345	3,252	363	373	382	8,680

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Fund Appropriations/  
Allocations\***

Information Technology Fund	567	3,063	335	345	3,252	363	373	382	8,680
<b>Total:</b>	567	3,063	335	345	3,252	363	373	382	8,680

	LTD Actuals	2017 REV	2018	2019	2020	2021	2022	2023	Total
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**Spending Plan**

Information Technology Fund	567	3,063	335	345	3,252	363	373	382	8,680
<b>Total:</b>	567	3,063	335	345	3,252	363	373	382	8,680

	2018	2019	2020	2021	2022	2023	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.*

### 2018 - 2023 Proposed Capital Improvement Program



Department of Parks and Recreation

New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
K730176	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
K730309	Activating and Connecting to Greenways	This project will increase the number of miles of safe pedestrian routes for all ages.	210	Citywide
K732480	Bryant Site Development	This project will increase the waterfront parkland in Seattle by 3.9 acres.	0	1101 NE Boat ST
K730031	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
K730308	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.	5,030	Citywide
K730148	East John Street Open Space Development	This project adds green, environmentally sensitive improvements in an existing park.	0	Summit AVE E/E John ST
K732391	Golf Master Plan Implementation	This project includes new driving ranges, building replacements, perimeter trails and cart paths.	0	Citywide
K730011	Green Space Acquisitions- 2008 Parks Levy	This project will acquire various new properties.	0	Citywide
K730091	Hing Hay Park Development	This project adds .31 acres of parkland to an existing neighborhood park.	0	423 Maynard AVE S
K730146	Jimi Hendrix Park Improvements	This project makes the park more inviting, usable, and environmentally friendly.	0	2400 Massachusetts ST
K730100	Marra-Desimone Park Development	This project will provide community and recreation space to the 8.7 acre site.	0	9026 4th AVE S
K730010	Neighborhood Park Acquisitions- 2008 Parks Levy	This project will acquire various new properties.	0	Multiple Locations

\*Amounts in thousands of dollars

2018 - 2023 Proposed Capital Improvement Program

## Department of Parks and Recreation

### New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
K730040	Opportunity Fund Acquisitions- 2008 Parks Levy	This project will acquire various new properties.	0	Citywide
K730306	Park Land Acquisition and Leverage Fund	This project will add acreage to Seattle's total park land acreage.	3,601	Citywide
K730153	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
K730115	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
K730132	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	2018*	Location
TC367420	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.	10,217	23rd AVE S/E John ST/Rainier AVE S
TC367370	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
TC367330	Alaskan Way Main Corridor	The program will construct a new Alaskan Way surface street and public space.	16,806	Various

\*Amounts in thousands of dollars

### 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
TC366050	Alaskan Way Viaduct Replacement	This project funds the City's involvement in the replacement of the Alaskan Way Viaduct and Seawall.	0	ALASKAN WY VI SB/BATTERY ST TUN OFF RP
TC367220	Aurora Rapid Ride Improvements	This project implements improvements for transit speed, reliability, access and convenience, consistent with the Transit Master Plan.	0	Various
TC367390	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
TC366760	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.	9,480	Citywide
TC367690	Bike Share Expansion	Expand the bikeshare system to 250 stations with 2,500 bikes.	0	Citywide
TC367240	Broadway Streetcar Extension	This project will build a half-mile streetcar line.	0	Broadway E/E Denny Way/E Roy ST
TC364830	Burke-Gilman Trail Extension	This project will construct three miles of new multi-use trail.	4,931	Various
TC367100	First Hill Streetcar	The project constructs a modern, low-floor streetcar system.	0	Various
TC365850	Freight Spot Improvement Program	This project will improve mobility. Specific projects and the corresponding impacts on capacity are still to be determined.	1,500	Citywide
TC367480	Madison Street Bus Rapid Transit	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	4,050	Madison ST/Alaskan WAY/Martin Luther King Junior WAY E

\*Amounts in thousands of dollars

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
TC366060	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
TC365500	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
TC367110	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
TC323250	Neighborhood Traffic Control Program	This program will install traffic calming devices on neighborhood streets.	298	Citywide
TC367700	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.	527	Citywide
TC367350	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.	65	TBD
TC367380	Roosevelt Multimodal Corridor	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	2,856	Eastlake AVE/Stewart ST/NE 65th ST
TC366150	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.	21,500	S Lander St/1st Ave S/4th Ave S
TC367410	Sound Transit - East Link	This project will provide design review, permitting, and construction support services for the Sound Transit - East Link project.	170	Citywide

\*Amounts in thousands of dollars

## 2018 - 2023 Proposed Capital Improvement Program

## Seattle Department of Transportation

### New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
TC367190	Sound Transit North Link	Construct a 4.3-mile light rail line and three stations at Northgate, Roosevelt and University District.	308	Various
TC366860	Transit Corridor Improvements	This program implements projects that improve transit speed, reliability, access, and convenience, consistent with the Transit Master Plan.	4,073	Citywide
TC367520	Vision Zero	This project will upgrade existing signals and signs, and install new ADA ramps, and pedestrian safety improvements.	2,306	Citywide

## Finance and Administrative Services

### New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
A1GM902	ADA Improvements - Citywide	This is an Asset Preservation project and has no requirements under the Growth Management Act (GMA).	500	Multiple City facilities
A1ADA01	ADA Improvements - FAS	This is an Asset Preservation project and has no requirements under the Growth Management Act (GMA).	200	Multiple City facilities
A1GM116	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
A1PS207	Fire Station 31 Improvements		750	1319 N Northgate Way
A1FL132	Fire Station 32	This project replaces the existing Fire Station 32 with a new 20,000 square foot, 3 story facility, adding approximately 11,500 square feet.	1,400	3715 SW Alaska St

\*Amounts in thousands of dollars

### 2018 - 2023 Proposed Capital Improvement Program

## Finance and Administrative Services

### New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
A1GM129	Seattle Municipal Courts	This is an Asset Preservation project and has no requirements under the Growth Management Act (GMA).	200	600 5th AVE

### Seattle City Light

### New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
8426	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 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	31,812	Citywide

\*Amounts in thousands of dollars



## Appendix A: New or Expanded Capital Facilities

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 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

*\*Amounts in thousands of dollars*

**Appendix A: New or Expanded Capital Facilities**

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.

8307	Alaskan Way Viaduct and Seawall Replacement - Utility Relocs	<p>Rationale: The Alaskan Way Viaduct replacement includes 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</p>	15,781	SR 99 / Battery St
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*\*Amounts in thousands of dollars*

## Appendix A: New or Expanded Capital Facilities

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 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

*\*Amounts in thousands of dollars*

### 2018 - 2023 Proposed Capital Improvement Program

**Appendix A: New or Expanded Capital Facilities**

		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.		
9950	Automated Utility Design Implementation	Rationale: Presently, non-Network distribution engineers use a four version old release of a drafting tool called AutoCad. This tool incorporates significant custom code, making any updates costly and impractical. It has very limited design functionality needed to produce engineering designs and drawings. AutoCad cannot retrieve essential design data from the Distribution Automated Mapping System, requiring a manual process to incorporate needed data into the final design and drawings. It also does not provide design functionality such as cost estimating, material request creation, and customer letters. These design tasks are now done using a variety of stand alone manual tools which are inefficient, error prone, and time consuming. The AUD software will provide significant design and production efficiencies at a time when the engineering work load is increasing because of a shift to the engineers of production tasks. Additionally, the AUD software will enforce common North and South Service Center engineering practices and procedures and provide an essential interface with WAMS (Work and Asset	380	System Wide

*\*Amounts in thousands of dollars*

**2018 - 2023 Proposed Capital Improvement Program**

## Appendix A: New or Expanded Capital Facilities

Management System) and OMS (Outage Management System). Alternative(s): Option I. Purchase design software and consultant services: This will result in appreciable savings, efficiencies, better staff utilization, and more standard and accurate engineering drawings and supply chain data. It will also eliminate custom code, enabling easy version updates. This is the preferred option because it will result in appreciable savings, efficiencies, better staff utilization, common engineering practices, and more accurate engineering drawings and supply chain data. It will also eliminate custom code enabling easy version updates and systems integration of AutoCad data with OMS and WAMS. Option II. Do nothing: The do nothing option will perpetuate the inefficient and costly engineering practices resulting from the use of drafting tools instead of design tools in the engineering process. It will also continue reliance and use of unsupported vendor software.

*\*Amounts in thousands of dollars*

**2018 - 2023 Proposed Capital Improvement Program**

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
6493	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.	6,168	10382 Boundary Rd, Metaline, WA 99153
8203	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	3,983	319 6th AVE N

\*Amounts in thousands of dollars

## 2018 - 2023 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*

### 2018 - 2023 Proposed Capital Improvement Program

**Appendix A: New or Expanded Capital Facilities**

		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.		
8465	Broadband - City Light	Rationale: The Gigabit Seattle project is a priority of the Mayor, with a letter of intent already signed. It is currently in planning and implementation is expected to start 2013. The Gigabit Squared project alone may generate an additional 250 Joint Use permit applications, doubling the annual average and tripling the number of poles impacted annually. Based on the customer fee to attach to poles and potential for 10,000 poles to be impacted. Types of construction necessary include pole replacement, relocations of existing wires, equipment installation, commissioning, and inspections. All work must meet NESC, SCL, and vendor standards. A Small Works Roster, administered with the Public Works program of Finance and Administration (FAS), is being established to meet customer requests in a timely manner. Construction will be broken up into sections moving through the 14 designated neighborhoods. Approximately 20% of the preparation and installation is expected to be installed by the end of 2013. The first phase of work will include installing wireless equipment on designated roof tops throughout the identified 14 neighborhoods and extending high speed fiber from the City's fiber backbone. The	35	Citywide

*\*Amounts in thousands of dollars*

**2018 - 2023 Proposed Capital Improvement Program**



**Appendix A: New or Expanded Capital Facilities**

remainder of the work will be executed in 2014 including the individual residential street build outs, corrective work, inspections, and close out of the initial deployment will extend into 2015. The goal for Gigabit Squared service is to reach 60,000 homes across 14 different Seattle neighborhoods. This will involve the installation of approximately 200-250 miles of fiber optic cable, impacting about 8,000 - 10,000 utility poles. The majority of the initial Gigabit Squared work will be connected to poles on arterial roadways. These poles are generally in better shape than poles along residential roadways. Additional work to bring fiber to the remaining Seattle neighborhoods is expected to be driven by another vendor that will partner with Gigabit Squared. This work is expected to Alternative(s): No Alternatives Provided.

8403	Citywide Undergrounding Initiative - City Light	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	10	System Wide
8430	Creston-Nelson to Intergate East Feeder Installation	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	426	Tukwila
8404	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	5,896	Valley Street/Denny Ave

*\*Amounts in thousands of dollars*

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## Appendix A: New or Expanded Capital Facilities

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 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

*\*Amounts in thousands of dollars*

## 2018 - 2023 Proposed Capital Improvement Program

**Appendix A: New or Expanded Capital Facilities**

		<p>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.</p>		
7757	Denny Substation Development	<p>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 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 &amp; 20yr forecast for entire SCL Service area, and prepare</p>	10,849	System Wide

*\*Amounts in thousands of dollars*

**2018 - 2023 Proposed Capital Improvement Program**

**Appendix A: New or Expanded Capital Facilities**

		<p>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 2011.</p>		
7125	Denny Substation Transmission Lines	<p>Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.</p>	5,016	System Wide

*\*Amounts in thousands of dollars*

**New or Expanded Capital Facilities**

Project No.	Project Title	Capacity	2018*	Location
9307	Distribution Area Communications Networks	<p>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.</p> <p>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&amp;M component.</p>	2,681	Citywide

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
9966	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.	0	City Wide
9101	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	7,639	System Wide

\*Amounts in thousands of dollars

## 2018 - 2023 Proposed Capital Improvement Program

## Appendix A: New or Expanded Capital Facilities

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

*\*Amounts in thousands of dollars*

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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.

8407 First Hill - Network Load Transfer

Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.

0 1100 Madison St.

*\*Amounts in thousands of dollars*



**New or Expanded Capital Facilities**

Project No.	Project Title	Capacity	2018*	Location
8442	First Hill Connector Streetcar	Rationale: This project is being set up as a separate project similar to other SDOT streetcar projects. The funding for the relocation portion of this project comes from Sound Transit, with the City of Seattle expectation that Sound Transit is covering all construction related costs. SCL is adopting a project management structure to reflect this as a special reimbursement agreement by the City. Alternative(s): Typically, SCL is required by state law to provide power relocations needed to facilitate transportation projects. With Sound Transit funding, this requires special consideration for project structure and reimbursement agreement. SDOT's First Hill Connector project team will establish the final route and placement in the road, based on traffic, utility relocations, and project costs.	2	Broadway / Boren / Jackson / King

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
6470	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.	10	500 Newhalem Creek Rd, Marblemount, WA 98267
7756	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	0	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

*\*Amounts in thousands of dollars*

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8365	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>	3,065	System Wide
8202	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>	4,206	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	2018*	Location
8366	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.	14,388	System Wide
8054	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	2,351	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.

8429	Mobile Workforce Implementation	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	1,269	Citywide
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*\*Amounts in thousands of dollars*

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
8383	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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## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
8405	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.	2,836	Valley Street/Denny Ave

\*Amounts in thousands of dollars

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Project No.	Project Title	Capacity	2018*	Location
8363	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.	7,200	319 6th AV N
8364	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.	3,270	1555 Utah AV S
8129	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	572	System Wide

\*Amounts in thousands of dollars

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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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		<p>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.</p> <p>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.</p>		
9103	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.</p> <p>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>	693	System Wide

*\*Amounts in thousands of dollars*

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Project No.	Project Title	Capacity	2018*	Location
8369	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.	5,167	System Wide

\*Amounts in thousands of dollars

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Project No.	Project Title	Capacity	2018*	Location
8355	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.	4,334	System Wide
8356	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.	2,631	System Wide

\*Amounts in thousands of dollars

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Project No.	Project Title	Capacity	2018*	Location
9970	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.	2,686	System Wide
8452	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.	18,351	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.

*\*Amounts in thousands of dollars*

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<b>Project No.</b>	<b>Project Title</b>	<b>Capacity</b>	<b>2018*</b>	<b>Location</b>
6385	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>	890	500 Newhalem Creek Rd, Marblemount, WA 98267

*\*Amounts in thousands of dollars*

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9202	Security Improvements	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. 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. Option 2, Centralized Security System: Seattle City Light installs security enhancements to delay,	2,344	System Wide
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*\*Amounts in thousands of dollars*

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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.

*\*Amounts in thousands of dollars*

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Project No.	Project Title	Capacity	2018*	Location
9232	Service Center Development Project	Rationale: The existing South Service Center (SSC) is located in a seismic liquefaction zone. If a major seismic event occurred, access to and use of the site could be significantly compromised, potentially affecting City Light's ability to keep operations going. The North Service Center (NSC) is highly congested and inefficiently designed. The desired outcome is to implement the findings of the Service Center Master Planning process in a manner that addresses the existing challenges and ensures efficient customer service, operational excellence, employee performance and financial strength for the next 30 years. Alternative(s): Options under consideration include the addition of a third service center, a large single facility for all service center functions, alterations and additions to the North Service Center, and essential seismic upgrades to the existing structures at the South Service Center to address long term reliability. A future update of the Strategic Plan will include a more substantive discussion of City Light's service center options and costs.	0	TBD

\*Amounts in thousands of dollars

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Project No.	Project Title	Capacity	2018*	Location
8367	Small 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.	6,267	System Wide
6600	SMT AutoLab	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.	0	System Wide

\*Amounts in thousands of dollars

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Project No.	Project Title	Capacity	2018*	Location
8475	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
8450	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	564	I-90/International District Station/I-90 Bridge

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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.

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Project No.	Project Title	Capacity	2018*	Location
8427	Sound Transit Northlink - City Light	<p>Rationale: Since Sound Transit's funding for North Link is a different package than that for the Initial Link, as are their contractual agreements, SCL as a key project participant needs to mirror Sound Transit's project management structure to best manage this project, hence the work has been managed under this PE#8427, even when the MOA's governing the project have not kept up with Sound Transit's requirements from us. The project will manage the relocations work &amp; feeder construction needed for Sound Transit to build the North Link line. SCL's current assumption is, per the draft MOA, that the service connections at the sites would be arranged and paid for by Sound Transit's contractor, under a service CIP #, business as usual. The utility relocations and power service provided to Sound Transit will enable the agency to stay on its path according to schedule once the North Link light rail project begins. Alternative(s): For the coming year, given the level of effort so far identified, the do nothing option is not a possibility, as Sound Transit can not meet their proposed schedules without SCL's significant assistance. Sound Transit may wish to modify their schedule somewhat if SCL's engineering and planning for the project offer some possibility of cost savings. We do not know enough about the construction scope to determine this as of 1Q2012.</p>	25	University District / Roosevelt / Northgate

*\*Amounts in thousands of dollars*

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Project No.	Project Title	Capacity	2018*	Location
7751	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.	2,038	System Wide
9161	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.	279	System Wide

\*Amounts in thousands of dollars

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**New or Expanded Capital Facilities**

Project No.	Project Title	Capacity	2018*	Location
7755	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
9230	Technical Training Center Development	Rationale: Seattle City Light currently does not have a training center and we currently deliver our training in multiple disparate, borrowed and shared spaces. A technical training center will enable us to ensure that our workers receive essential training to continue to be a high performance workforce and deliver the high quality of service that our customers expect. Alternative(s): Our alternatives include either the status quo option of delivering training at disparate and borrowed locations or purchasing land on which to build a dedicated training center. The preferred option utilizes a vacant property that is owned by City Light on which to build the training center, which is the best option for the utility.	512	System Wide

\*Amounts in thousands of dollars

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
8360	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.	2,983	System Wide
8201	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 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	2,202	1312 Western AV

\*Amounts in thousands of dollars

## Appendix A: New or Expanded Capital Facilities

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 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

*\*Amounts in thousands of dollars*

### 2018 - 2023 Proposed Capital Improvement Program

**Appendix A: New or Expanded Capital Facilities**

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**

**New or Expanded Capital Facilities**

<b>Project No.</b>	<b>Project Title</b>	<b>Capacity</b>	<b>2018*</b>	<b>Location</b>
C4102-DWF	Alaskan Way Viaduct & Seawall Replacement Program - 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.	3,286	SR 99 / Battery St
C5407	Asset Information Management	N/A	1,025	Various

*\*Amounts in thousands of dollars*

**2018 - 2023 Proposed Capital Improvement Program**

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
C3812	Broadview Long Term Plan	Program does not increase capacity.	2,624	Broadview
C3611	Combined Sewer Overflow Facility Retrofit	This project will retrofit, upgrade, and modify existing Combined Sewer Overflow reduction facilities.	8,442	Various
C5402	Customer Contact & Billing	N/A	4,373	N/A
C5403	Enterprise Information Management	N/A	755	Various
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.	2,229	Citywide
C4116-DWF	Heavy Equipment Purchases - DWF	This project will replace existing heavy equipment and acquire new equipment.	2,801	Various
C4116-SWF	Heavy Equipment Purchases - SWF	This project will replace existing heavy equipment and acquire new equipment.	1,270	Various
C4116-WF	Heavy Equipment Purchases - WF	This project will replace existing heavy equipment and acquire new equipment.	3,955	Various
C4108-DWF	Integrated Control Monitoring Program - DWF	This program will upgrade the City's Supervisory Control and Data Acquisition (SCADA) computer system.	250	Various
C4108-WF	Integrated Control Monitoring Program - WF	This program will upgrade the City's Supervisory Control and Data Acquisition (SCADA) computer system.	360	Various
C5404	IT Infrastructure	N/A	979	N/A
C3802	Localized Flood Control 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.	2,270	Various

\*Amounts in thousands of dollars

## 2018 - 2023 Proposed Capital Improvement Program

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
C3604	Long Term Control Plan	This project will determine size and location of all future CSO control facilities within the City.	1,000	Various
C4101-DWF	Meter Replacement - DWF	This program replaces failing or obsolete water meters.	554	Citywide
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.	17,360	Various
C4119-WF	Move Seattle - WF	This program will fund projects for water utility improvements and relocations associated with SDOT's "Move Seattle" program.	14,657	Various
C1133	Multiple Utility Relocation	N/A	505	Citywide
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.	20,588	Citywide
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.	496	Citywide
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.	5,050	Citywide

\*Amounts in thousands of dollars

## 2018 - 2023 Proposed Capital Improvement Program



## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
C4105-DWF	Operations Control Center - DWF	This program will improve facilities at the Operations Control Center.	0	2700 Airport Way S
C4105-SWF	Operations Control Center - SWF	This program will improve facilities at the Operations Control Center.	0	2700 Airport Way S
C4105-WF	Operations Control Center - WF	This program will improve facilities at the Operations Control Center.	800	2700 Airport Way S
C4123-DWF	Other Major Transportation Projects - DWF	This program will relocate, replace and protect drainage and wastewater infrastructure affected by major transportation projects.	627	Various
C4123-WF	Other Major Transportation Projects - WF	This program will relocate, replace and protect water infrastructure affected by major transportation projects.	250	Various
C3708	Outfall Rehabilitation Program	N/A	647	Various
C5405	Project Delivery & Performance	N/A	7,707	N/A
C3703	Pump Station and Force Main Improvements	This program will provide wastewater pump station improvements, upgrades, repairs and rehabilitation.	11,214	Various
C4107-WF	Regional Facility - WF	This program will improve facilities at SPU's regional sites.	5,449	Various
C1504	Regional Water Conservation Program	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.	1,441	Citywide and Regional

\*Amounts in thousands of dollars

## 2018 - 2023 Proposed Capital Improvement Program

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
C3609	S Henderson Combined Sewer Overflow 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.	251	S Henderson St.
C3804	Sanitary Sewer Overflow Capacity	This project will add capacity to the existing sanitary sewer collection system to improve service and accommodate growth.	6,943	Various
C5406	Science & System Performance	N/A	1,570	N/A
C1505	Seattle Direct Service Additional 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.	714	Citywide and Direct Service
C4113-DWF	Security Improvements - DWF	This program will provide increased security and protection at SPU facilities.	113	Citywide Citywide
C4113-SWF	Security Improvements - SWF	This program will provide increased security and protection at SPU facilities.	100	Citywide Citywide Citywide
C3503	Sediment Remediation - DWF	N/A	6,489	Various
C4135-DWF	Sound Transit - North Link - DWF	N/A	149	Various
C4135-WF	Sound Transit - North Link - WF	N/A	250	Various
C4125	Sound Transit - Water Betterment	This project will fund the relocation or replacement of water mains and other facilities related to the development of Sound Transit's Light Rail system.	60	Central & South areas of Seattle

\*Amounts in thousands of dollars

## 2018 - 2023 Proposed Capital Improvement Program

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
C4122-DWF	Sound Transit-East Link	This program will fund projects for utility improvements and relocations associated with the development of Sound Transit's Light Rail system.	50	Various
C4122-WF	Sound Transit-East Link	This program will fund projects for utility improvements and relocations associated with the development of Sound Transit's Light Rail system.	50	Various
C3806	South Park Stormwater Program	New Pump Station with capacity of 44 cubic feet per sec, an associated stormwater filtration facility will treat flows up to 11 CFS, with the balance of higher flows bypassing filtration and pumped directly to the river.	4,729	698 S Riverside DR/Holden/Austin
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.	2,286	8100 2nd AVE S
C1134	Tank Improvements	N/A	729	Citywide
C1308	Tolt Bridges	Not applicable.	1	Tolt River Watershed
C1603	Upland Reserve Forest Restoration	N/A	82	Cedar River Watershed
C1112	Water Infrastructure - New Hydrants	This project will improve fire protection by increasing the number of fire hydrants in the city.	13	Citywide
C1111	Water Infrastructure - Watermain Extensions	This project will install approximately 8,000 feet of new watermains per year.	862	Citywide

\*Amounts in thousands of dollars

## 2018 - 2023 Proposed Capital Improvement Program

## New or Expanded Capital Facilities

Project No.	Project Title	Capacity	2018*	Location
S0501	Lot 2 Development	This project adds a 10,500 square foot skatepark.	0	5th Ave N/Republican St
S0302	Mercer Arena Redevelopment	Seattle Opera is building a new 102,000 SF facility at 4th Avenue and Mercer Street on the Seattle Center campus on the site formerly occupied by the 108,000 SF Mercer Arts Arena. The new building, scheduled to open in 2018, will include Seattle Opera's administrative offices along with rehearsal, technical support, education and community spaces.	0	363 Mercer St

\*Amounts in thousands of dollars

## 2018 - 2023 Proposed Capital Improvement Program

**Appendix B: Capital Projects passing the \$5 million threshold with the 2017 Adopted Budget allocation.**

**DEPARTMENT OF PARKS AND RECREATION**

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**Project ID:** K730122  
**Project Title:** Seattle Asian Art Museum Renovation  
**Location:** Volunteer Park  
**2018 Proposed Budget (000's):** \$14,000  
**Description:** This project provides 2008 Parks Levy funds to support the renovation of the city-owned Seattle Asian Art Museum in Volunteer Park in partnership with the Seattle Art Museum. Levy funds, which are anticipated to cover approximately 40 percent of the total renovation costs, will not be released until future Council action by ordinance.

**Project ID:** K730302  
**Project Title:** Saving our City Forests  
**Location:** Citywide  
**2018 Proposed Budget (000's):** \$2,308  
**Description:** 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.

**Project ID:** K732492  
**Project Title:** Aquarium Expansion  
**Location:** Downtown  
**2018 Proposed Budget (000's):** \$2,370  
**Description:** The Seattle Aquarium is owned by Seattle Parks and Recreation and operated by the non-profit Seattle Aquarium Society (SEAS). SEAS are 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 intend 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.

**Appendix B: Capital Projects passing the \$5 million threshold with the 2017 Adopted Budget allocation.**

**FINANCE AND ADMINISTRATIVE SERVICES**

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**Project ID:** A1GM118  
**Project Title:** City Hall and Seattle Municipal Tower Tenant Improvements  
**Location:** City Hall  
**2018 Proposed Budget (000's):** \$1,285  
**Description:** This 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, working with project sponsors to catalog space and equipment needs, energy efficiency improvements, developing planning options, developing project cost estimates, and construction. Work may also include analysis of how vacated space in other facilities might be utilized for another city uses.

**Project ID:** A1PS101  
**Project Title:** Police Facilities  
**Location:** Multiple  
**2018 Proposed Budget (000's):** \$2,500  
**Description:** 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, 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, 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.

**Project ID:** A1PS117  
**Project Title:** Seattle Police Department North Area Interim and Long-Term Facilities  
**Location:** Multiple  
**2018 Proposed Budget (000's):** \$11,600  
**Description:** 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.

**Appendix B: Capital Projects passing the \$5 million threshold with the 2017 Adopted Budget allocation.**

**SEATTLE CITY LIGHT**

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**Project ID:** 6351  
**Project Title:** Boundary Powerhouse - Unit 51 Generator Rebuild  
**Location:** Outside City Limits  
**2018 Proposed Budget (000's):** \$11,024  
**Description:** 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.

**Project ID:** 6520  
**Project Title:** Skagit Facilities Plan  
**Location:** Outside City Limits  
**2018 Proposed Budget (000's):** \$1,860  
**Description:** 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.

**Project ID:** 8470  
**Project Title:** Center City Connector Streetcar - City Light  
**Location:** Multiple  
**2018 Proposed Budget (000's):** \$4,286  
**Description:** 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.

**Appendix B: Capital Projects passing the \$5 million threshold with the 2017 Adopted Budget allocation.**

**Project ID:** 9960  
**Project Title:** IT Security Upgrades  
**Location:** Citywide  
**2018 Proposed Budget (000's):** \$1,119  
**Description:** 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.

**Project ID:** 9976  
**Project Title:** Western Energy Imbalance Market  
**Location:** Citywide  
**2018 Proposed Budget (000's):** \$9,464  
**Description:** 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.

**SEATTLE DEPARTMENT OF TRANSPORTATION**

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**Project ID:** TC365060  
**Project Title:** Bridge Load Rating  
**Location:** Citywide  
**2018 Proposed Budget (000's):** \$599  
**Description:** 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).



**Appendix B: Capital Projects passing the \$5 million threshold with the 2017 Adopted Budget allocation.**

**Project ID:** TC365880  
**Project Title:** SR-520 Project  
**Location:** Multiple  
**2018 Proposed Budget (000's):** \$931  
**Description:** 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.

**Project ID:** TC367200  
**Project Title:** Fauntleroy Way SW Boulevard  
**Location:** West Seattle Junction  
**2018 Proposed Budget (000's):** \$11,860  
**Description:** 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.

**Project ID:** TC367380  
**Project Title:** Roosevelt Multimodal Corridor  
**Location:** Multiple  
**2018 Proposed Budget (000's):** \$2,856  
**Description:** 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.

**Appendix B: Capital Projects passing the \$5 million threshold with the 2017 Adopted Budget allocation.**

**Project ID:** TC367450  
**Project Title:** Bridge Rehabilitation and Replacement Phase II  
**Location:** Multiple  
**2018 Proposed Budget (000's):** \$2,362  
**Description:** 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.

**Project ID:** TC367580  
**Project Title:** Signal Major Maintenance  
**Location:** Citywide  
**2018 Proposed Budget (000's):** \$1,526  
**Description:** 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.

**Project ID:** TC367770  
**Project Title:** Rainier/Jackson Multimodal Corridor  
**Location:** Multiple  
**2018 Proposed Budget (000's):** \$1,400  
**Description:** 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.

**SEATTLE INFORMATION TECHNOLOGY**

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**Project ID:** D601TC009  
**Project Title:** Criminal Justice Information System Projects  
**Location:** Citywide  
**2018 Proposed Budget (000's):** \$5,349  
**Description:** 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. The project was renamed in 2018 to more accurately reflect efforts beyond MCIS replacement.

**Appendix B: Capital Projects passing the \$5 million threshold with the 2017 Adopted Budget allocation.**

**Project ID:** D601TCDOT  
**Project Title:** Applications Development- SDOT  
**Location:** Citywide  
**2018 Proposed Budget (000's):** \$1,501  
**Description:** 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.

**Project ID:** D601TCPSI  
**Project Title:** Permit System Integration  
**Location:** Citywide  
**2018 Proposed Budget (000's):** \$3,755  
**Description:** This project provides funding to develop, implement, 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.

**Project ID:** D601TCSPD  
**Project Title:** Applications Development- SPD  
**Location:** Citywide  
**2018 Proposed Budget (000's):** \$3,614  
**Description:** This project provides funds to develop and implement software applications used by the Seattle Police Department (SPD). The applications will improve personnel oversight and deployment, in addition to enhancing the accessibility and quality of SPD data. These applications will support ongoing efforts to achieve improved transparency and compliance.

**Project ID:** D913TC000  
**Project Title:** SPD Body Worn Video  
**Location:** Citywide  
**2018 Proposed Budget (000's):** \$690  
**Description:** 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.

**Appendix B: Capital Projects passing the \$5 million threshold with the 2017 Adopted Budget allocation.**

**SEATTLE PUBLIC UTILITIES**

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**Project ID:** C1134  
**Project Title:** Tank Improvements  
**Location:** Multiple  
**2018 Proposed Budget (000's):** \$729  
**Description:** 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.

**Project ID:** C1208  
**Project Title:** Cathodic Protection Program  
**Location:** Multiple  
**2018 Proposed Budget (000's):** \$1,977  
**Description:** 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.

**Project ID:** C1511  
**Project Title:** Hatchery Works  
**Location:** Outside City Limits  
**2018 Proposed Budget (000's):** \$5,280  
**Description:** 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.

**Project ID:** C4119-DWF  
**Project Title:** Move Seattle - DWF  
**Location:** Citywide  
**2018 Proposed Budget (000's):** \$17,360  
**Description:** 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

**Appendix B: Capital Projects passing the \$5 million threshold with the 2017 Adopted Budget allocation.**

and improvements as needed. This project was formerly titled "Bridging the Gap - DWF."

**Project ID:** C4130-DWF  
**Project Title:** Streetcar Related Projects - DWF  
**Location:** Multiple  
**2018 Proposed Budget (000's):** \$9,032  
**Description:** 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."

**Project ID:** C4130-WF  
**Project Title:** Streetcar Related Projects - WF  
**Location:** Multiple  
**2018 Proposed Budget (000's):** \$15,938  
**Description:** 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."



**1% for Art:** A program administered by the Office of Arts and Cultural Affairs (OACA) that sets aside one percent of 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 2017 Allocations (Appendix):** 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 Subfund (CRS):** A significant source of ongoing local funding to support capital projects in general government departments. The CRS consists of two accounts: the Capital Projects Account and the Revenue Stabilization Account. The Capital Projects Account has seven subaccounts: REET I, REET II, Unrestricted, South Lake Union Property Proceeds, Street Vacation, Asset Preservation and the Bluefield Preservation fund. 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.

**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 Subfund (also known as General Fund):** A central fund into which most of the City's general tax revenues and discretionary resources are pooled, allocated to support many of the operations of City government. General Subfund dollars appear in the CIP in two places: the General Subfund contribution to the Cumulative Reserve Subfund (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 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).



**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 Cultural Affairs 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 Park District:** In August 2014, voters passed a ballot measure creating the Seattle 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.