
CITY OF
Seattle, Washington

**2020-2025 Adopted
Capital Improvement Program**



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CITY OF SEATTLE

2020-2025 Adopted Capital Improvement Program

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City of Seattle
2020-2025 Adopted
Capital Improvement Program

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Reader's Guide to the 2020-2025 Adopted Capital Improvement Program

The City of Seattle's 2020-2025 Adopted Capital Improvement Program (CIP) includes an introduction, departmental sections, appendix, an index, and a glossary. The introduction provides information on the CIP, allocations, funding sources for capital projects, significant initiatives, support for neighborhoods and neighborhood plan projects, and policies guiding the City's capital investments.

Departmental sections comprise most of the CIP document and contain detailed information on each of the capital projects. The following departments have sections in this book: Seattle Parks and Recreation, Seattle Center, Seattle Public Library, Seattle Department of Transportation, Seattle City Light, Seattle Public Utilities (divided into four sections: Drainage and Wastewater, Solid Waste, Technology Projects, and Water), Seattle Information Technology, and Finance and Administrative Services. Appendix A lists new or expanded capital facilities as required by the Growth Management Act. Appendix B lists all projects that will exceed \$5 million with their 2020 appropriation as required by Resolution 31203. Appendix C is a REET II funding report as required by RCW 82.46.035.

Reading CIP Project Pages

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

Project Type: Projects will have one of three project types: Discrete, Ongoing, or Debt Service. Discrete projects are those with a distinct start and end date and build an individual asset. Ongoing CIP projects are departmental CIP programs that build or maintain a group of similar assets. Debt Service projects show the dedicated funding stream to pay the debt service for a 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 without a determined start or end date may show as "TBD" or "On Hold." Projects categorized as "Ongoing" in the Project Type field are programmatic and continue year after year, therefore they do not display a Start/End Date.

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 estimate¹ for CIP budget established at the end of Stage 1.

¹ The City's budget ordinance requires that a project be assigned a CIP ID number before spending may occur on a 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 use generic assumptions. Departments refine cost estimates at the end of 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. (Note: 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 is 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 noted as such.

Council District: The City is divided into seven 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 noted as such.

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 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 the prior year; the current year revised budget (including Adopted Budget, carry-forward balances, abandonments, and supplemental appropriations); adopted appropriations; and estimated appropriation requests for the remaining five years of the CIP period.

Fund Appropriations/Allocations: This table lists the appropriating funds which are those funds through which the department has legal appropriation authority 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.

Unsecured Funding: The “Unsecured Funding” table shows the portion of the project cost that does not have committed funding from both internal and external sources. The “Unsecured Funding Strategy” discusses the department’s plan to secure funding for that portion of the project.

O&M Costs (Savings): Description of estimated increases or decreases in operations and maintenance costs as a result of a capital project. “NA” denotes that operations and maintenance costs are not calculated.

Capital Improvement Program

Overview

Capital Improvement Program Purpose

The Capital Improvement Program (CIP) is a six-year financial planning tool that identifies future capital investments and potential strategies for funding those investments. The CIP also satisfies various requirements of cities planning under Washington State's Growth Management Act.

Introduction

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 2020-2025 Adopted CIP totals \$7.2 billion over six years, with approximately \$1.4 billion of that amount designated for the 2020 budget year.

The 2020-2025 Adopted CIP document is a compilation of all legislative CIP adjustments made during 2019. This includes all legislative action that occurred in the following periods:

- Adjustments made prior to the transmission of the 2020-2025 Proposed CIP from the Mayor to the City Council including:
 - 2019 Q2 Supplemental budget adjustments
 - 2019 Q3 Supplemental budget adjustments
 - Stand Alone legislation and administrative adjustments made prior to the Q3 Supplemental,
- Council Budget Action adopted by City Council as part of the 2020 budget process,
- Adjustments adopted as part of the City's 2019 Q4 Supplemental budget process,
- Administrative transfers made by departments, in compliance with Seattle Municipal Code 5.08, after the 2020-2025 CIP was adopted by the City Council.

All allocation totals listed in this document are the sum total of the project adjustments made in the periods listed above.

Capital Planning Policies

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

- preserve and maintain existing capital assets;
- support the goals of the City's plans;
- support economic development;
- consider external funding possibilities;

- consider revenue-generating possibilities;
- seek regional funding for regional projects;
- pursue cost-saving commitments; and,
- pursue conservation and sustainability investments.

Additional specific considerations include:

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

Capital Subcabinet

The Capital Subcabinet is one of several subcabinets established by Mayor Durkan. The Subcabinet's function is to serve as a coordinated decision-making body whose goal is to guide the planning and implementation of infrastructure investments and address related non-infrastructure issues to ensure that the City delivers high-quality capital projects on scope, schedule and budget. The Directors of the Office of Planning and Community Development (OPCD) and the City Budget Office (CBO) co-chair the Capital Subcabinet. Membership is comprised of directors from key capital departments as well as other non-capital departments who focus on outreach, economic, environmental, and race and social justice issues. Member departments include Seattle City Light (SCL), Seattle Public Utilities (SPU), Seattle Department of Transportation (SDOT), Seattle Department of Construction and Inspections (SDCI), Department of Neighborhoods (DON), Office of Economic Development (OED), Department of Finance and Administrative Services (FAS), Department of Parks and Recreation (DPR), and Office of Housing (OH). It also includes participation by other departments to address environmental and race and social justice issues.

Project Cost Estimate Review and Validation Process

The 2020-2025 Adopted CIP includes two projects that implement a new approach to early cost estimating: Northlake Retaining Wall (SDOT) and Elevator Rehabilitation and Replacement (FAS). The process was developed in 2019 through the work of the Capital Subcabinet. This is a new approach to budgeting projects in early stages of development and will provide Council and the public with a better understanding of the unknowns associated with each of the projects.

The key elements to the process are:

- Discrete projects with an initial rough order of magnitude total project cost estimate over \$10 million will communicate a range of possible costs in the CIP rather than an exact dollar estimate.
- Departments will appropriate the estimated cost to reach 100% design and communicate a midrange "Financial Planning Estimate" for six-year financial planning purposes.
- At the 30% design milestone, the project will be baselined and a total project cost and project schedule will be agreed to. During the next budget cycle (or other Council action) the department will budget the full total project cost in the CIP.
- If the baseline total project cost estimate is under \$50 million the project will proceed through capital project delivery process according to current practice.
- If the 30% baseline total project cost is over \$50 million, the department will initiate a third-party review of the project cost. The department will bring the results of the third-party cost estimate review to the Capital Subcabinet to determine the next steps.

The Cost Estimate Review and Validation process will be adjusted according to the results of the pilot projects.

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), commercial parking tax (CPT) and General Fund revenues. See the "City Bond Issuance and Debt Service" in the Introduction section of the 2020 Adopted 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. An active residential market combined with continued strength in commercial activity has led to robust REET revenues over the past several years.

Although REET revenues in recent years have been following a relatively stable trend, large and sudden fluctuations in this revenue source make it difficult to depend upon for ongoing capital needs. The current REET forecast shows continued growth in 2019 but leveling off in 2020 which may be an indicator of a pending decline. 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, 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.

Taking advantage of a state law change in 2019 ([HB 1219](#)), the Mayor's 2020 Adopted budget will dedicate a portion of Real Estate Excise Tax (REET) revenues to support additional capital investments in new affordable housing. Starting in 2021, the City will provide \$7 million per year up to a total of \$32 million over five years for this effort. Per City policy, REET revenues are generally targeted toward

spending on the long-term maintenance of City facilities. While additional funding for affordable housing is clearly a priority for the City, ongoing investments in our existing facilities is necessary to support the provision of other City services and to avoid costly projects that result from the neglect and deferred maintenance. The budget strikes a balance between these competing uses of REET revenues.

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

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

- *The Move Seattle Transportation Levy:* The Move Seattle Levy, a nine-year \$930 million levy was approved by voters in 2015. The Adopted budget appropriates \$140 million in 2020. Levy proceeds will be used to support safe routes, congestion relief, and maintenance and repairs of the City's bridges and arterial roadways. A major financing strategy in the Move Seattle Levy is the dependence on partnerships—leveraging external resources such as state and federal grants to accomplish transportation projects such as the S. Lander Street Grade Separation project.
- *Seattle Park District:* 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 \$25 million in 2020 for major maintenance and capital projects.
- *The 2012 Central Seawall Excess Levy:* A 30-year, \$290 million bond levy provided a portion of the funding needed to construct Phase 1 of the Elliott Bay Seawall Project (from Washington Street to Virginia Street) and funds reconstruction of one of the public piers (Pier 62/63 and Waterfront Park). The final elements of the Seawall project will be complete in late 2019 or early 2020 as part of the Pier 62/63 replacement project.
- *The 2019 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 levy also includes funding for earthquake retrofits at three Carnegie branches.
- *The 2008 Parks and Green Spaces Levy:* A six-year, \$146 million levy to acquire, develop, or restore, existing or new, parks, recreation facilities, cultural facilities, green spaces, playfields, trails, community gardens, and shoreline areas. This levy expired at the end of 2014, but a new source of voter-approved revenue—the Seattle Park District—is now providing on-going funding to help address major maintenance needs, as well as park development, at the Department of

Parks and Recreation (Parks). As of the beginning of 2019, the 2008 Parks and Green Spaces Levy Fund carried a balance of \$17 million. Parks will continue to spend down existing budget authority on project identified in the Levy throughout the biennium.

Funding Dynamics for Significant Future Capital Projects

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

Public Safety Facilities

Planning for the future of Seattle’s public safety facilities is critical to maintaining the high level of service expected of Seattle Fire Department (SFD) and Seattle Police Department (SPD). Both departments have a number of large capital facility needs, such as a new Fire Station Headquarters and neighborhood precinct projects that will accommodate anticipated police staffing growth. This CIP provides funding for a larger project to support improvements to facilities in north Seattle, as well as funding for an interim location for Fire Station 31, which will be in operation as the City develops the long-term facility needs for the station. These new projects are in addition to a number of ongoing maintenance and remodel projects for both Fire and Police facilities.

Transportation

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

Waterfront

The City has developed a comprehensive plan for the improvement of Seattle’s central waterfront. The removal of the Alaskan Way Viaduct provides 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 for a total of \$726 million (not including utility costs).

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 expand the Pike Place Market.

Funding

The 2020-2025 Adopted CIP identifies a mix of resources to fund these projects and 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 was approved in 2019 and will provide \$160 million of funding for the waterfront improvements.

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 several policy initiatives to ensure social responsibility and equity in the spending of City capital dollars.

Fair and equitable treatment of workers: FAS monitors and enforces fair and equitable treatment of workers in City construction contracts. In 2013, FAS increased its monitoring and enforcement of wage and labor conditions on City-contracted construction projects, including Office of Housing-financed projects. Funding was provided in 2019 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 Acceptable Worksite program, which trains, teaches 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 City's Priority Hire program provides training and opportunities for City residents to work on City-funded capital projects. For major capital projects, City contractors enter into Community Workforce Agreements that are intended to increase employment for women, people of color and those living in economically distressed areas of the City.

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

2020-2025 Adopted Capital Improvement Program Summary

The 2020-2025 Adopted CIP totals \$7.2 billion for six years and includes approximately 538 projects¹. Approximately \$4.5 billion of the six-year total, or 62%, are utility projects managed by Seattle City Light

¹ The project total includes all projects with a CIP Project Page in the 2020-2025 Adopted CIP.

(SCL) and Seattle Public Utilities (SPU), and mostly funded by utility rates. The Seattle Department of Transportation’s CIP totals \$1.86 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 \$899 million, or 12%, of the six-year CIP.

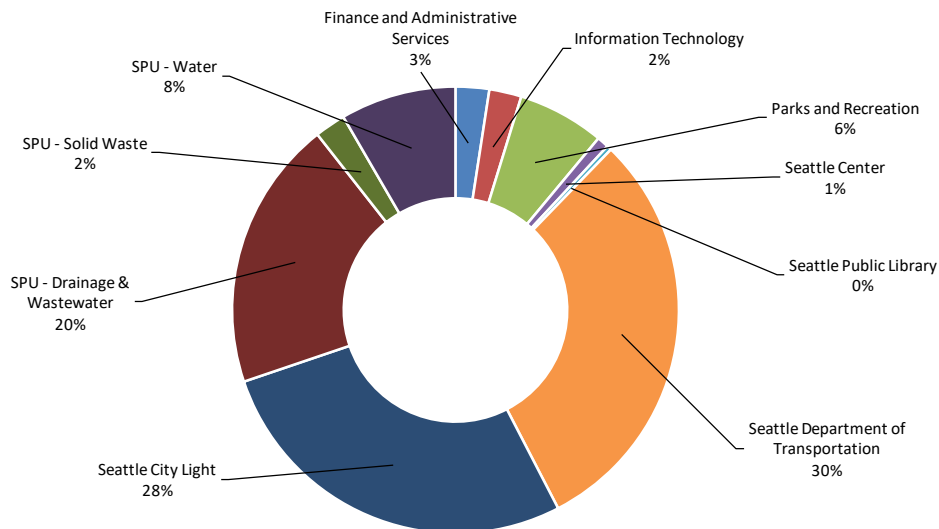
2020-2025 Adopted CIP by Department (000s)

Department	2019 Adopted	2020 Adopted	2021-2025 Estimate	2020-2025 Total
Finance and Admin Services	35,355	33,629	179,791	213,419
Information Technology	36,982	32,028	79,195	111,223
Parks and Recreation	74,631	86,714	381,893	468,608
Seattle Center	13,429	11,790	52,167	63,957
Seattle Public Library	3,221	4,768	36,304	41,072
Seattle Dept of Transportation	344,283	415,746	1,447,205	1,862,951
Subtotal	507,901	584,675	2,176,555	2,761,230
City-owned Utilities				
Seattle City Light	351,394	378,049	1,869,315	2,247,364
SPU - Drainage & Wastewater	229,472	270,026	1,180,922	1,450,949
SPU - Solid Waste	6,432	30,859	63,648	94,507
SPU - Water	111,452	115,527	567,280	682,807
SPU- Technology*	12,873			
Subtotal	711,623	794,461	3,681,166	4,475,627
City Total	1,219,525	1,379,136	5,857,721	7,236,857

Note: 2019 Adopted totals are based on the 2019-2024 Adopted CIP. Not all funds above are appropriated; see the 2020 Adopted Budget for a list of capital appropriations by department.

*SPU – Technology projects are now included in 2020-2025 Adopted totals for three SPU funds.

2020 Adopted by Department - \$1,379 Million

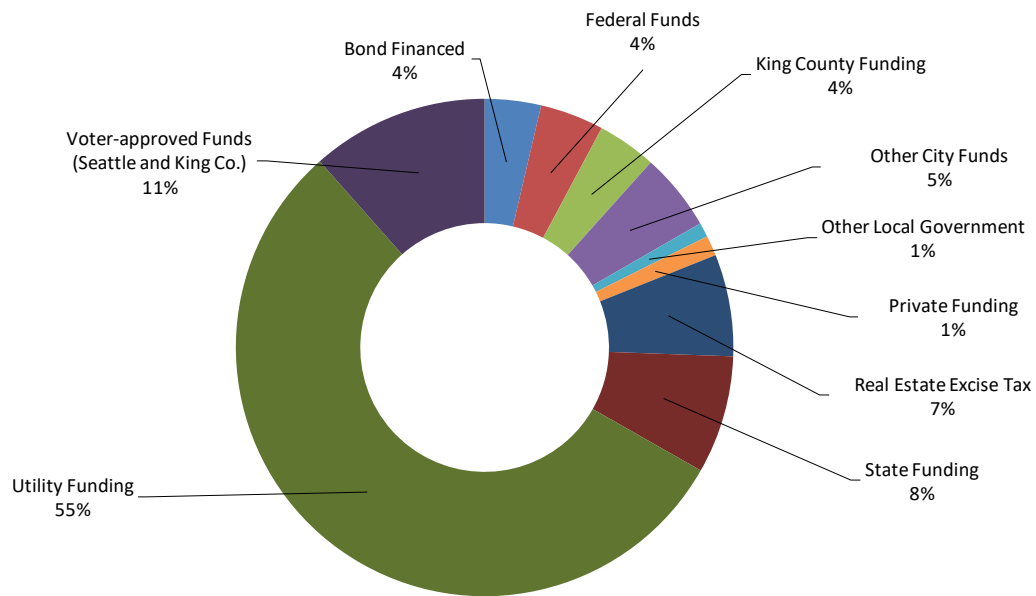


The table below identifies funding sources for the 2020-2025 Adopted CIP by Revenue Source Group

2020-2025 Adopted CIP Revenues (000s)

Revenue Source Group	2019 Adopted	2020 Adopted	2021-2025 Estimated	2020-2025 Total
Bond Financed	48,106	50,357	207,127	257,484
Federal Funds	34,791	57,134	69,423	126,557
King County Funding	19,548	53,106	138,106	191,212
Other City Funds	79,973	69,510	259,487	328,997
Other Local Government	10,253	12,975	24,903	37,878
Private Funding	6,689	18,170	116,302	134,472
Real Estate Excise Tax	84,131	91,315	404,397	495,712
State Funding	59,540	105,803	84,240	190,043
Utility Funding	709,294	761,700	3,623,274	4,384,974
Voter-approved Funds (Seattle and King Co.)	167,200	159,067	558,921	717,988
To Be Determined		-	371,539	371,539
Grand Total	1,219,525	1,379,136	5,857,721	7,236,857

2020 Adopted CIP by Revenue Source - \$1,379 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 approximately 6.9 million square feet of building space, 2.6 million square feet of parking space, and

Overview

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

For 2020, the City will spend a total of \$55 million from the two Real Estate Excise Tax Funds and an additional \$45 million from various other resources on asset preservation for 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 \$12 million of REET resources and \$104 million of other transportation resources on infrastructure asset preservation during the 2020 budget period.

Cumulative Reserve Fund

The Cumulative Reserve Fund (CRF) is a significant source of ongoing local funding to support capital projects in general government departments. Real Estate Excise Taxes (REET) supports the majority of CRF spending.

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

CRF Appropriations by Department (000s)

Department (in Thousands)	2019 Adopted	2020 Endorsed	2020 Adopted
Seattle Center	11,572	9,489	10,015
Seattle Department of Transportation	19,650	17,345	19,345
Seattle Public Library	562	578	578
Department of Parks and Recreation	30,595	44,217	45,162
Finance & Administrative Services	22,516	14,616	16,659
Office of Planning and Community Development	546	540	1,086
Seattle Department of Construction and Inspection	493	492	502
Human Services Department	-	-	1,500
Finance General *	5,157	4,631	9,423
Total	\$ 91,091	\$ 91,908	\$ 104,270

* Not all REET is appropriated out of the CIP

**Represents debt service on capital projects and funding for anticipated projects not yet reflected in the Capital Improvement Program (CIP)

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 2020-2025 Adopted CIP reflects this focus, and as highlighted below, supports neighborhood-scale capital investments in several different ways.

Neighborhood Parks and Street Fund – Your Voice, Your Choice

Beginning in 1999, the City set aside approximately \$1 million per year from the Cumulative Reserve Fund (CRF) for major maintenance projects identified through neighborhood outreach. That amount was increased to \$2 million of CRF 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 2019 selection process is completed and a list of selected projects can be found on the [Your Voice, Your Choice](#) website.

Neighborhood Matching Fund

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

The City created the NMF in 1988 to provide funding to Seattle neighborhood groups and organizations for a broad array of neighborhood-initiated improvement, organizing, or planning projects. Many of these projects also support citywide initiatives such as Race and Social Justice, Youth Violence Prevention, Environment and Sustainability, and Neighborhood Planning. Awards range from a few thousand dollars (Small Sparks projects are up to \$5,000, and the Community Partnership Fund projects range from \$5,001 to \$25,000), and NMF funds can cover all phases of a capital project except property acquisition. The NMF program requires a 1:2 match for capital projects, which means all awards leverage other private and public contributions. Matches consist of volunteer labor, donated materials, professional services, or money. The Department of Neighborhoods administers the granting process.

Art and Design Funding for City Capital Projects - 1% for Art Program The [1% for Art program](#), established by Seattle Municipal Code Chapter 20.32, requires the City deposit 1% of eligible CIP project budgets in the Municipal Arts Fund for the commission, purchase, and installation of artworks throughout Seattle. The Office of Arts and Culture (ARTS) manages the 1% for Art program and the Municipal Arts Fund.

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 2020, the Municipal Art Fund is expected to receive approximately \$4.9 million from capital departments for the 1% for Art program, as described below. Actual 2020 receipts may vary because of project timing, prior year credits, actual CIP expenditures, and City Council changes to the proposed CIP.

1% for Art Revenues (Estimated)	2020 Adopted
City Light	\$573,000
Seattle Public Utilities	\$1,993,000
Seattle Center	\$9,000
Parks & Recreation	\$157,000
Transportation	\$2,158,000
Total	\$4,890,000

Design Commission

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

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

Background of Capital Improvement Program Policy Drivers

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

Sustainable Building Policy

In February 2000, the City Council adopted a Sustainable Building Policy for the City of Seattle ([Resolution 30121](#)) which articulated the City’s commitment to environmental, economic and social stewardship and set the expectation that new municipal facilities meet established green building standards. Specifically, it called for all new construction and major remodel projects over 5,000 square feet to achieve a LEED Silver rating. When adopted, this policy was the first of its kind in the nation and represented a groundbreaking approach to demonstrating City leadership and transforming the marketplace.

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

- For new construction, additions and major renovation projects 5,000 square feet or greater
 - The minimum required green building rating is LEED Gold.
 - There are minimum requirements for energy and water efficiency, construction waste reductions, and bicycle amenities.
- For tenant improvement projects 5,000 square feet or greater, where the scope includes mechanical, electrical, and plumbing:
 - The minimum required green building rating is LEED Gold.
 - There are minimum requirements for water efficiency and construction waste reductions.
- Completion of a Capital Green checklist is required for projects smaller than 5,000 square feet or those otherwise not eligible for a LEED rating.
- City departments are encouraged to test new approaches and standards, such as the Living Building Challenge and the Sustainable Sites Initiative.
- Annual reporting of performance under the policy is required by March 31st 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 City will begin an update to its Comprehensive Plan in 2020.

The Comprehensive Plan helped inform the development of the 2020-2025 Adopted 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 began 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. Examples include the mitigation of soil contamination at former substations, and ongoing environmental mitigation in the Endangered Species Act project. Street-use permits and regulations are a major part of City Light projects that expand and repair the electric distribution system.

Endangered Species Compliance

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

Americans with Disabilities Act

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

A project manager added in 2011 will continue to coordinate and oversee implementation of ADA improvements in certain City facilities, determine and report compliance to DOJ, and review and modify as needed the facilities design and construction process with regard to the ADA. The City is in the process of moving towards a new approach to ADA improvements in which these improvements are included in ongoing maintenance and other remodeling work.

In order to provide additional proactive monitoring of compliance with ADA standards for new capital projects, in 2013 the City added additional staff dedicated to monitoring ADA compliance of new projects. An additional position was added in 2014 to the Department of Parks and Recreation, dedicated to ADA compliance coordination, and in 2015 the Seattle Department of Transportation

added one strategic advisor and funding for an ADA transition plan to ensure curb ramp compliance. The 2020 budget includes funding for two additional curb ramp inspectors in SDOT to ensure ramps are constructed correctly to ADA standards.

Historic Preservation

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

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

Parks and Recreation

Overview

Seattle Parks and Recreation (SPR) manages a 6,414-acre park system of over 485 parks and extensive natural areas. SPR provides athletic fields, tennis courts, play areas, specialty gardens, and more than 25 miles of boulevards and 120 miles of trails. The system comprises about 12% of the city's land area. SPR also manages many facilities, including 26 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 SPR's values of access, opportunity, sustainability and equity and underlie the outcomes SPR aims to achieve. For Seattle to remain a vibrant city that is attractive to residents, visitors and businesses, it needs to maintain a great park system with healthy open spaces and meaningful recreational opportunities—which is why preserving the legacy of Seattle's parks and recreation system is so vital.

Thematic Priorities

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

Aligning Capital Investments with Growth and/or Community Planning

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

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

Seattle's Climate Action Plan provides a framework for meeting Seattle's climate protection goals, including the overarching goal of becoming carbon neutral by 2050. SPR'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, such as those outlined in the Green Seattle Partnership.

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

These principles have led SPR to undertake energy conservation improvements to various facilities, 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

SPR's capital priorities are informed by two processes. First, in the planning and development of the 2015-2020 Seattle Parks District cycle, 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 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, SPR 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. SPR 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, SPR reviews and updates the AMP. While SPR'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 six criteria:

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

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

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

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

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

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

2020-2025 CIP Highlights

SPR's 2020-2025 CIP budget is \$86.7 million in 2020 and reflects a wide range of discrete projects and ongoing programs with a mix of funding sources.

Seattle Parks and Recreation

The 2020 CIP maintains REET funding allocated during the 2019-2020 budget process, including \$10 million of REET backfill for the Park District capital realignment. Remaining REET funding is prioritized for various SPR projects including:

- ongoing programs (i.e. Environmental Remediation, Pavement Restoration, Play Area Safety, etc.);
- contractual financial commitments with internal or external organizations (i.e., Gas Works Park Remediation, etc.);
- ballfield synthetic turf replacements; and
- new or emerging projects.

The 2020 CIP also includes a funding transfer made in the 2019 Fourth Quarter Supplemental Budget Ordinance which transferred \$625,000 from Major Maintenance Backlog & Asset Management to a new project for the Batter Street Portal Park Development.

New REET investments in 2020 include \$1 million to help fund capital improvements at Building 18 in Magnuson Park on behalf of Outdoors For All, and a transfer of \$881,000 from the Department of Finance and Administrative Services (FAS) for SPR's continued work on projects related to the Municipal Energy Efficiency Program.

The 2020 Endorsed CIP allocated \$1 million for American with Disabilities Act (ADA) improvements in order for SPR to address citywide ADA needs including items on FAS' ADA Barrier Removal Schedule (BRS). The 2020 CIP supplements this budget with \$700,000 of one-time Community Development Block Grant funding. ADA improvements are expected to be a continuing funding obligation in the coming years and ongoing funding will be considered as part of the next 6-year Park District funding cycle (2021-2026).

Other funding in 2020 includes \$3 million in REET in 2020 for the Lake City Community Center which includes planning, feasibility analysis, design, and construction. The addition of this supplemental funding will allow for a broader scope in this first construction phase but does not fully fund project construction. The 2020 CIP also allocates \$1 million to renovate the Bitter Lake Play Area in 2020.

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

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

Finally, the 2020-2025 CIP makes a technical adjustment to restore baseline funding (\$2.2 million per year) from the King County Parks Levy; this budget had temporarily been removed from the CIP pending renewal of the King County Parks Levy by voters in August 2019. Other technical adjustments include a shift in planned spending for the Aquarium Expansion Project and the appropriation of revenue-backed King County Conservation Futures Tax funding for future property acquisitions.

2020-2025 Adopted Capital Improvement Program

City Council Changes to the Proposed CIP

The Council reduced ongoing King County Parks Levy funding from the Comfort Station Renovations project (\$244,000) and the Play Area Renovations project (\$500,000) in SPR's CIP and redirected it to SPR's operating budget; this swap will result in \$500,000 of freed up general fund resources and the expansion of shower services for homeless individuals at community centers. The reduction of \$500,000 per year for play area renovations will reduce the average number of play areas SPR can replace from five to four each year and extend the average renovation/replacement cycle of play areas from 28 years to 32 years. The reduction of \$244,000 per year for comfort station renovations will reduce the average number of comfort station areas SPR can replace from three to two per year and extend the average renovation/replacement cycle from 43 years to 53 years.

In addition to these cuts, the Council added \$150,000 of one-time fund balance from the Park and Recreation Fund to the Community Center Rehabilitation and Development project to fund a study which will assess the recreational needs of the Aurora-Licton Springs neighborhood and the type of facility that will best serve the area's needs.

City Council Provisos to the CIP

There are no Council provisos.

CIP Revenue Sources

Funds for the development of the system and for ongoing asset management come from a variety of sources. The two largest funding sources for Park's capital work in 2020 are the Park District and REET. The majority of the remaining funding comes from Community Development Block Grants, the Central Waterfront Improvement Fund, King County, and General Fund to pay debt service. Other funding includes the 2008 Parks and Green Spaces Levy, the Cumulative Reserve Subfund, and other special fund sources, grants, and private donations.

Seattle Park District

In August 2014, the voters of Seattle passed a ballot measure creating the Seattle Park District (a metropolitan park district). The Park District is a taxing authority and provides an ongoing revenue source to fund increased parks and recreation services and capital projects. The Park District has the same boundaries as the City of Seattle. The City Council members, acting *ex officio* and independently, comprise the governing board (the District Board). In 2020, Park District dollars will be used towards asset preservation and major maintenance.

Real Estate Excise Taxes (REET)

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

2008 Parks and Green Spaces Levy

The 2008 Parks and Green Spaces Levy was a six-year \$145.5 million levy intended to acquire, develop, or restore, existing or new, parks, recreation facilities, cultural facilities, green spaces, playfields, trails, community gardens, and shoreline areas. The levy package, largely modeled after the successful 2000 Pro Parks Levy, provided for acquisition of new parks and green space and for development and improvement of various parks

throughout the city. This included renovation of 23 play areas, park development atop lidded reservoirs, renovation of several existing parks and cultural facilities, and an environmental category to provide funding for the Green Seattle Partnership, community gardens, trails, and improved shoreline access at street ends. An Opportunity Fund Category funded other community-identified projects. This levy ended in 2014 but continues to collect revenues on delinquent property taxes. The capital budget does not include any new appropriations of levy funds, but SPR will continue to spend down existing appropriations.

Summary of Upcoming Budget Issues and Challenges

In 2018, SPR learned that Pier 63 had deteriorated to a point where significant reconstruction will be required sooner than originally anticipated. The original plan for Piers 62/63 was to rebuild Pier 62 (the southerly pier) and add a floating boat dock while retaining the existing Pier 63 and deferring the reconstruction until sometime in the future. Construction on Pier 62 is underway. Public access to Pier 63 will be permanently prohibited once Pier 62 is re-opened to the public. There is currently no funding for work on Pier 63. SPR will continue to monitor this issue in partnership with Office of the Waterfront and Civic Projects.

Future Projects/What is on the Horizon

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

Fortunately, in August 2014, Seattle voters approved the creation of the Seattle Park District, and more than half of Park District funding is used to support capital projects – of that, nearly half addresses major maintenance. This is a substantial investment allowing Parks to systematically address the major maintenance needs of the system. The backlog is not a finite list of projects, and the department will continue to update it as more facility assessments are completed and projects come to the end of their useful life. Because there is not a beginning and end to major maintenance and preserving the system's assets, SPR will establish six-year goals to show progress over the long term. The first six-year plan ends in 2020, and SPR has started planning for the next six-year Park District plan.

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

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy (BC-PR-10000)									
Bobby Morris Playfield Turf Replacement-2008 Levy (MC-PR-16014)	1,020	49	-	-	-	-	-	-	1,069
Comfort Station Renovations-2008 Levy Phase 2 (MC-PR-16007)	497	550	-	-	-	-	-	-	1,047
Community Food Gardens and P-Patches (MC-PR-17001)	2,417	11	-	-	-	-	-	-	2,428
Emma Schmitz Sea Wall Replacement-2008 Levy (MC-PR-16008)	12	1,239	-	-	-	-	-	-	1,250
First Hill Park Development (MC-PR-15015)	1	999	-	-	-	-	-	-	1,000
Green Lake Community Center Electrical and Mechanical Renovation-2008 Levy (MC-PR-16009)	143	1,072	-	-	-	-	-	-	1,216
Green Space Acquisitions-2008 Parks Levy (MC-PR-12001)	9,486	5	-	-	-	-	-	-	9,491
Hiawatha Community Center Renovation-2008 Levy (MC-PR-16010)	41	1,152	-	-	-	-	-	-	1,193
Jimi Hendrix Park Improvements (MC-PR-15003)	1,823	206	-	-	-	-	-	-	2,029
Magnuson Park Building #406 Roof Replacement-2008 Levy (MC-PR-16012)	51	2,101	-	-	-	-	-	-	2,152
Major Parks- 2008 Parks Levy (MC-PR-13001)	14	0	-	-	-	-	-	-	14
Marra-Desimone Park Development (MC-PR-16004)	320	1,080	-	-	-	-	-	-	1,400
Neighborhood Park Acquisitions- 2008 Parks Levy (MC-PR-14001)	22,272	2,133	-	-	-	-	-	-	24,406
Neighborhood Parks & Playgrounds- 2008 Parks Levy (MC-PR-16001)	134	2,032	-	-	-	-	-	-	2,166

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Northwest Native Canoe Center Development (MC-PR-15010)	21	729	-	-	-	-	-	-	750
Opportunity Fund Acquisitions- 2008 Parks Levy (MC-PR-15001)	7,866	584	-	-	-	-	-	-	8,450
Opportunity Fund Development- 2008 Parks Levy (MC-PR-15002)	14	169	-	-	-	-	-	-	183
Othello Park Improvements (MC-PR-15011)	195	441	-	-	-	-	-	-	636
Pratt Park Water Feature Renovation-2008 Levy (MC-PR-16013)	137	1,177	-	-	-	-	-	-	1,314
Seattle Asian Art Museum Renovation (MC-PR-11002)	16,660	2,341	-	-	-	-	-	-	19,000
Victor Steinbrueck Park Renovation (MC-PR-16005)	817	1,033	-	-	-	-	-	-	1,850
Washington Park Arboretum Improvements- 2008 Parks Levy (MC-PR-13002)	2,918	-	-	-	-	-	-	-	2,918
2008 Parks Levy Total	66,858	19,105	-	-	-	-	-	-	85,963
Building For The Future (BC-PR-20000)									
Activating and Connecting to Greenways (MC-PR-21004)	540	290	221	226	231	237	243	249	2,237
Aquarium Expansion (MC-PR-21006)	2,792	4,524	11,000	8,000	7,975	-	-	-	34,290
Athletic Field Improvements (MC-PR-21009)	480	4,833	600	600	600	600	600	600	8,913
Battery Street Portal Park Development (MC-PR-21015)	-	625	-	-	-	-	-	-	625
Develop 14 New Parks at Land-Banked Sites (MC-PR-21003)	2,461	16,828	1,707	-	-	-	-	-	20,996
Duwamish Waterway Park Improvements (MC-PR-21014)	0	950	-	-	-	-	-	-	950
Freeway Park Improvements (MC-PR-21011)	53	1,897	8,050	-	-	-	-	-	10,000

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Major Projects Challenge Fund (MC-PR-21002)	1,148	6,516	1,766	1,810	1,855	1,902	1,950	1,999	18,946
Park Acquisition and Development (MC-PR-21008)	33	3,811	-	-	-	-	-	-	3,844
Park Land Acquisition and Leverage Fund (MC-PR-21001)	2,447	10,480	3,708	2,263	2,320	2,378	2,437	2,498	28,531
Parks Central Waterfront Piers Rehabilitation (MC-PR-21007)	13,561	20,641	6,239	13,587	28,422	16,479	1,288	-	100,217
RDA HQ Relocation (MC-PR-21010)	-	2,177	-	-	-	-	-	-	2,177
Smith Cove Park Development (MC-PR-21005)	923	6,042	-	-	-	-	-	-	6,966
South Park Campus Improvements (MC-PR-21013)	-	1,800	-	-	-	-	-	-	1,800
Yesler Crescent Improvements (MC-PR-21012)	-	647	-	-	-	-	-	-	647
Building For The Future Total	24,438	82,061	33,291	26,486	41,403	21,596	6,518	5,346	241,139
Debt and Special Funding (BC-PR-30000)									
Aquarium - Pier 59 Piling Replacement and Aquarium Redevelopment Debt Service (MC-PR-31002)	25,154	1,715	1,708	1,714	1,712	1,711	1,719	1,546	36,979
Gas Works Park - Remediation (MC-PR-31007)	3,165	1,007	-	670	1,040	2,290	200	200	8,572
Golf - Capital Improvements (MC-PR-31005)	3,297	1,627	1,536	1,541	1,155	1,154	1,151	1,144	12,605
Golf Master Plan Implementation (MC-PR-31004)	15,751	774	-	-	-	-	-	-	16,524
Hubbard Homestead Park (Northgate) Acquisition-Debt Service (MC-PR-31003)	2,204	222	224	221	218	220	220	220	3,749
Parks Maintenance Facility Acquisition - Debt Service (MC-PR-31006)	7,543	561	555	555	556	-	-	-	9,770

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Seattle Parks and Recreation

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Puget Park - Environmental Remediation (MC-PR-31001)	225	305	-	-	-	-	-	-	530
Rainier Beach CC Debt Service (MC-PR-31008)	-	2,007	1,210	1,202	1,204	1,208	1,205	1,205	9,241
Debt and Special Funding Total	57,339	8,217	5,233	5,903	5,885	6,583	4,495	4,315	97,970
Fix It First (BC-PR-40000)									
ADA Compliance - Parks (MC-PR-41031)	5,093	4,152	1,700	2,000	2,000	2,000	2,000	2,000	20,944
Aquarium Major Maintenance (MC-PR-41004)	1,674	1,731	1,192	1,222	1,252	1,283	1,315	1,348	11,017
Athletic Field Replacements (MC-PR-41070)	-	1,120	2,116	3,590	2,270	2,598	-	647	12,341
Ballfield Lighting Replacement Program (MC-PR-41009)	3,333	493	-	500	500	500	500	500	6,326
Ballfields - Minor Capital Improvements (MC-PR-41023)	404	107	45	50	50	50	50	50	806
Beach Restoration Program (MC-PR-41006)	508	1,456	25	-	-	-	-	-	1,989
Boat Moorage Restoration (MC-PR-41021)	317	4,982	-	-	-	-	-	-	5,300
Boiler and Mechanical System Replacement Program (MC-PR-41007)	1,579	100	-	175	175	175	175	175	2,554
Cal Anderson Park Landscape Improvement (MC-PR-41047)	49	151	-	-	-	-	-	-	200
Comfort Station Renovations (MC-PR-41036)	525	3,023	666	870	1,005	1,005	1,005	1,015	9,114
Community Center Rehabilitation & Development (MC-PR-41002)	3,772	13,518	2,811	3,752	3,846	3,942	4,041	4,142	39,823
Electrical System Replacement Program (MC-PR-41008)	1,685	105	100	150	150	150	150	150	2,640
Environmental Remediation Program (MC-PR-41016)	820	115	100	100	100	100	100	100	1,535

**Amounts in thousands of dollars.*

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Fountain Discharge Retrofit (MC-PR-41033)	295	486	-	-	-	-	-	-	781
Green Lake CC - Evans Pool Roof Replacement & Solar Hot Water (MC-PR-41034)	923	750	-	-	-	-	-	-	1,672
Green Lake Community Center & Evans Pool Replacement (MC-PR-41071)	-	500	500	-	-	-	-	-	1,000
HVAC System Duct Cleaning Program - Large Buildings (MC-PR-41028)	293	56	35	35	35	35	35	35	560
Irrigation Replacement and Outdoor Infrastructure Program (MC-PR-41020)	1,705	730	250	550	550	550	550	550	5,435
Joint Preschool Site and Tenant Improvements (MC-PR-41042)	2,767	871	-	-	-	-	-	-	3,638
Lake City Community Center Improvements (MC-PR-41040)	540	6,961	4,000	5,000	-	-	-	-	16,500
Landscape Restoration Program (MC-PR-41017)	3,930	270	264	430	430	430	430	430	6,614
Loyal Heights Community Center Renovation (MC-PR-41038)	65	1,156	-	-	-	-	-	-	1,221
Loyal Heights Playfield Turf Replacement (MC-PR-41048)	78	2,307	-	-	-	-	-	-	2,385
Magnuson Community Center Improvements (MC-PR-41067)	28	2,622	-	-	-	-	-	-	2,650
Magnuson Park Athletic Field 12 Conversion (MC-PR-41064)	-	-	-	5,952	1,570	-	-	-	7,522
Major Maintenance Backlog and Asset Management (MC-PR-41001)	23,721	51,064	20,772	20,333	20,772	21,291	24,223	27,369	209,545
Municipal Energy Efficiency Program - Parks (MC-PR-41030)	655	1,392	881	-	-	-	-	-	2,929
Neighborhood Capital Program (MC-PR-41015)	1,420	622	-	-	-	-	-	-	2,042

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Seattle Parks and Recreation

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Neighborhood Response Program (MC-PR-41024)	2,187	885	200	250	250	250	250	250	4,522
Parks Upgrade Program (MC-PR-41029)	6,164	877	808	808	808	808	808	808	11,888
Pavement Restoration Program (MC-PR-41025)	2,687	510	320	400	400	400	400	400	5,517
Play Area Renovations (MC-PR-41039)	1,348	2,951	2,000	1,500	1,750	1,750	1,750	1,750	14,800
Play Area Safety Program (MC-PR-41018)	1,050	175	75	150	150	150	150	150	2,050
Queen Anne Turf Field Replacement (MC-PR-41072)	-	-	3,000	-	-	-	-	-	3,000
Roof & Building Envelope Program (MC-PR-41027)	3,452	374	250	350	350	350	350	350	5,826
Saving our City Forests (MC-PR-41003)	7,110	969	1,031	2,486	2,548	2,611	2,676	2,743	22,174
Seward Park Forest Restoration (MC-PR-41013)	857	154	-	-	-	-	-	-	1,011
Sport Court Restoration Program (MC-PR-41019)	539	100	75	100	100	100	100	100	1,214
Trails Renovation Program (MC-PR-41026)	2,995	348	350	350	350	350	350	350	5,443
Urban Forestry - Forest Restoration Program (MC-PR-41022)	1,690	200	200	200	200	200	200	200	3,090
Urban Forestry - Green Seattle Partnership (MC-PR-41012)	14,642	2,024	1,700	1,700	1,700	1,700	1,700	1,700	26,865
Urban Forestry - Tree Replacement (MC-PR-41011)	1,547	95	95	95	95	95	95	95	2,212
Utility Conservation Program (MC-PR-41010)	3,362	320	305	355	355	355	355	355	5,762
Victor Steinbrueck Parking Envelope (MC-PR-41044)	345	4,655	-	-	-	-	-	-	5,000
W Magnolia PF South Athletic Field Conversion (MC-PR-41066)	-	-	-	-	-	-	8,875	-	8,875

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Woodland Park Zoo Night Exhibit Renovation (MC-PR-41046)	464	2,331	-	-	-	-	-	-	2,795
Zoo Major Maintenance (MC-PR-41005)	5,249	2,725	1,986	2,037	2,087	2,140	2,194	2,249	20,667
Fix It First Total	111,864	120,533	47,852	55,490	45,848	45,368	54,827	50,010	531,792
Maintaining Parks and Facilities (BC-PR-50000)									
Improve Dog Off-Leash Areas (MC-PR-51002)	249	267	117	120	123	126	129	132	1,264
Rejuvenate Our P-Patches (MC-PR-51001)	658	272	221	226	232	238	244	250	2,341
Maintaining Parks and Facilities Total	908	539	338	346	355	364	373	382	3,605
SR520 Mitigation (BC-PR-60000)									
Arboretum Waterfront Trail Renovation (MC-PR-61003)	225	1,900	-	-	-	-	-	-	2,125
Bryant Site Development (MC-PR-61002)	4,590	7,050	-	-	-	-	-	-	11,639
SR520 Mitigation Total	4,814	8,950	-	-	-	-	-	-	13,765
Seattle Parks and Recreation Total	266,221	239,405	86,714	88,225	93,491	73,911	66,213	60,053	974,233

*Amounts in thousands of dollars.

Seattle Parks and Recreation

Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
00100 - General Fund	166	2,012	1,210	1,202	1,204	1,208	1,205	1,205	9,412
00164 - Unrestricted Cumulative Reserve Fund	15,371	9,260	35	35	35	35	35	35	24,842
10102 - Emergency Fund	21	-	-	-	-	-	-	-	21
10200 - Park And Recreation Fund	6,346	19,213	12,081	1,680	1,683	1,681	1,686	1,513	45,884
10220 - Gasworks Park Contamination Remediation Fund	402	-	-	-	-	-	-	-	402
17861 - Seattle Preschool Levy Fund	2,759	871	-	-	-	-	-	-	3,630
19710 - Seattle Park District Fund	48,419	93,666	25,694	31,955	27,274	27,345	25,737	26,380	306,471
30010 - REET I Capital Fund	48,187	16,993	16,084	16,394	11,019	3,454	6,437	220	118,789
30020 - REET II Capital Fund	68,948	50,790	29,043	24,108	24,381	23,696	27,579	28,451	276,995
33130 - Park Mitigation & Remediation	4,814	8,950	-	-	-	-	-	-	13,765
33600 - Open Spaces & Trails Bond Fund	305	-	-	-	-	-	-	-	305
33850 - 2000 Parks Levy Fund	1,975	-	-	-	-	-	-	-	1,975
33860 - 2008 Parks Levy Fund	47,919	16,764	-	-	-	-	-	-	64,683
34610 - Parks 2002 Capital Facilities Bond Fund	39	-	-	-	-	-	-	-	39
35040 - Waterfront LID #6751	-	-	-	9,100	15,645	358	-	-	25,103
35400 - 2010 Multipurpose LTGO Bond Fund	863	-	-	-	-	-	-	-	863
35500 - 2011 Multipurpose LTGO Bond Fund	2,527	-	-	-	-	-	-	-	2,527
35600 - 2012 Multipurpose LTGO Bond Fund	4,031	211	-	-	-	-	-	-	4,242

**Amounts in thousands of dollars.*

Seattle Parks and Recreation

Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
35700 - 2013 Multipurpose LTGO Bond Fund	2,510	-	-	-	-	-	-	-	2,510
35800 - Alaskan Way Seawall Const Fund	970	838	-	-	-	-	-	-	1,808
35840 - 2016 UTGO-Alaskan Way Seawall	-	1,495	-	-	-	-	-	-	1,495
35900 - Central Waterfront Improvement Fund	385	10,562	1,000	1,500	10,000	13,885	1,288	-	38,620
36000 - King County Parks Levy Fund	2,009	6,822	1,542	2,251	2,250	2,249	2,246	2,249	21,617
36100 - 2014 Multipurpose LTGO Bond Fund	5,485	76	-	-	-	-	-	-	5,561
36200 - 2015 Multipurpose LTGO Bond Fund	1,514	487	-	-	-	-	-	-	2,000
70200 - Beach Maintenance Fund	256	394	25	-	-	-	-	-	675
Seattle Parks and Recreation Total	266,221	239,405	86,714	88,225	93,491	73,911	66,213	60,053	974,233

**Amounts in thousands of dollars.*

Activating and Connecting to Greenways

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Park District Revenues	540	290	221	226	231	237	243	249	2,237
Total:	540	290	221	226	231	237	243	249	2,237
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Park District Fund	540	290	221	226	231	237	243	249	2,237
Total:	540	290	221	226	231	237	243	249	2,237

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

ADA Compliance - Parks

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Federal Community Development Block Grant	516	318	-	-	-	-	-	-	833
Federal Grant Funds	-	-	700	-	-	-	-	-	700
Real Estate Excise Tax I	3,544	1,834	-	2,000	-	2,000	-	-	9,378
Real Estate Excise Tax II	1,033	2,000	1,000	-	2,000	-	2,000	2,000	10,033
Total:	5,093	4,152	1,700	2,000	2,000	2,000	2,000	2,000	20,944
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	516	318	700	-	-	-	-	-	1,533
REET I Capital Fund	3,544	1,834	-	2,000	-	2,000	-	-	9,378
REET II Capital Fund	1,033	2,000	1,000	-	2,000	-	2,000	2,000	10,033
Total:	5,093	4,152	1,700	2,000	2,000	2,000	2,000	2,000	20,944

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Aquarium - Pier 59 Piling Replacement and Aquarium Redevelopment Debt Service

Project No:	MC-PR-31002	BSL Code:	BC-PR-30000
Project Type:	Debt Service	BSL Name:	Debt and Special Funding
Project Category:	Rehabilitation or Restoration	Location:	1483 Alaskan Wy
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	2005 - 2025	Neighborhood District:	Downtown
Total Project Cost:	\$36,979	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Private Funding/Donations	7,235	169	168	167	170	168	173	-	8,250
Real Estate Excise Tax I	1,747	-	-	-	-	-	-	-	1,747
Real Estate Excise Tax II	16,172	1,546	1,540	1,547	1,542	1,543	1,546	1,546	26,982
Total:	25,154	1,715	1,708	1,714	1,712	1,711	1,719	1,546	36,979
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	542	169	168	167	170	168	173	-	1,557
REET I Capital Fund	1,747	-	-	-	-	-	-	-	1,747
REET II Capital Fund	16,172	1,546	1,540	1,547	1,542	1,543	1,546	1,546	26,982
Unrestricted Cumulative Reserve Fund	6,693	-	-	-	-	-	-	-	6,693
Total:	25,154	1,715	1,708	1,714	1,712	1,711	1,719	1,546	36,979

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Aquarium Expansion

Project No:	MC-PR-21006	BSL Code:	BC-PR-20000
Project Type:	Discrete	BSL Name:	Building For The Future
Project Category:	Rehabilitation or Restoration	Location:	1483 Alaskan WAY
Current Project Stage:	Stage 3 - Design	Council District:	Council District 7
Start/End Date:	2015 - 2023	Neighborhood District:	Downtown
Total Project Cost:	\$34,040	Urban Village:	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. (Interfund Loan repaid with REET and shown as double budgeted in appropriation table.)

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Interfund Loan	250	-	-	-	-	-	-	-	250
Real Estate Excise Tax I	600	2,325	10,700	8,000	7,975	-	-	-	29,600
Real Estate Excise Tax II	1,942	2,199	300	-	-	-	-	-	4,440
Total:	2,792	4,524	11,000	8,000	7,975	-	-	-	34,290
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Central Waterfront Improvement Fund	250	-	-	-	-	-	-	-	250
REET I Capital Fund	600	2,325	10,700	8,000	7,975	-	-	-	29,600
REET II Capital Fund	1,942	2,199	300	-	-	-	-	-	4,440
Total:	2,792	4,524	11,000	8,000	7,975	-	-	-	34,290

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Aquarium Major Maintenance

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Park District Revenues	1,674	1,731	1,192	1,222	1,252	1,283	1,315	1,348	11,017
Total:	1,674	1,731	1,192	1,222	1,252	1,283	1,315	1,348	11,017
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Park District Fund	1,674	1,731	1,192	1,222	1,252	1,283	1,315	1,348	11,017
Total:	1,674	1,731	1,192	1,222	1,252	1,283	1,315	1,348	11,017

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Arboretum Waterfront Trail Renovation

Project No:	MC-PR-61003	BSL Code:	BC-PR-60000
Project Type:	Discrete	BSL Name:	SR520 Mitigation
Project Category:	Improved Facility	Location:	2300 Arboretum DR E
Current Project Stage:	Stage 3 - Design	Council District:	Council District 3
Start/End Date:	2014 - 2021	Neighborhood District:	East District
Total Project Cost:	\$2,125	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
State Grant Funds	-	855	-	-	-	-	-	-	855
State Interlocal Revenues	225	251	-	-	-	-	-	-	476
Use of Fund Balance	-	794	-	-	-	-	-	-	794
Total:	225	1,900	-	-	-	-	-	-	2,125
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park Mitigation & Remediation	225	1,900	-	-	-	-	-	-	2,125
Total:	225	1,900	-	-	-	-	-	-	2,125

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Athletic Field Improvements

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Athletic Field Revenues	75	825	600	600	600	600	600	600	4,500
Miscellaneous Grants or Donations	-	200	-	-	-	-	-	-	200
Real Estate Excise Tax II	405	3,808	-	-	-	-	-	-	4,213
Total:	480	4,833	600	600	600	600	600	600	8,913
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	75	1,025	600	600	600	600	600	600	4,700
REET II Capital Fund	405	3,808	-	-	-	-	-	-	4,213
Total:	480	4,833	600	600	600	600	600	600	8,913

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Athletic Field Replacements

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

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	-	-	-	-	2,270	1,234	-	-	3,504
Real Estate Excise Tax II	-	1,120	2,116	3,590	-	1,364	-	647	8,837
Total:	-	1,120	2,116	3,590	2,270	2,598	-	647	12,341
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	-	-	-	-	2,270	1,234	-	-	3,504
REET II Capital Fund	-	1,120	2,116	3,590	-	1,364	-	647	8,837
Total:	-	1,120	2,116	3,590	2,270	2,598	-	647	12,341

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Ballfield Lighting Replacement Program

Project No:	MC-PR-41009	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	228	-	-	-	-	-	-	-	228
Real Estate Excise Tax II	3,105	493	-	500	500	500	500	500	6,098
Total:	3,333	493	-	500	500	500	500	500	6,326
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	228	-	-	-	-	-	-	-	228
REET II Capital Fund	3,105	493	-	500	500	500	500	500	6,098
Total:	3,333	493	-	500	500	500	500	500	6,326

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Ballfields - Minor Capital Improvements

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Funds	120	-	-	-	-	-	-	-	120
Real Estate Excise Tax I	45	-	-	-	-	-	-	-	45
Real Estate Excise Tax II	239	107	45	50	50	50	50	50	641
Total:	404	107	45	50	50	50	50	50	806
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	45	-	-	-	-	-	-	-	45
REET II Capital Fund	239	107	45	50	50	50	50	50	641
Unrestricted Cumulative Reserve Fund	120	-	-	-	-	-	-	-	120
Total:	404	107	45	50	50	50	50	50	806

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Battery Street Portal Park Development

Project No:	MC-PR-21015	BSL Code:	BC-PR-20000
Project Type:	Discrete	BSL Name:	Building For The Future
Project Category:	Improved Facility	Location:	Battery Street and First
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 7
Start/End Date:	2019 - 2020	Neighborhood District:	Downtown
Total Project Cost:	\$625	Urban Village:	Downtown

This project will achieve planning and conceptual design for the development of a new park on the 1.3 acre Battery Street Tunnel Portal site. Seattle Parks and Recreation will work with the local community and the Office of the Waterfront and Civic Projects to develop a complementary design to the neighboring Bell Street Park.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Park District Revenues	-	625	-	-	-	-	-	-	625
Total:	-	625	-	-	-	-	-	-	625
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Park District Fund	-	625	-	-	-	-	-	-	625
Total:	-	625	-	-	-	-	-	-	625

O&M Impacts:

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Beach Restoration Program

Project No:	MC-PR-41006	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Funds	504	746	25	-	-	-	-	-	1,275
Real Estate Excise Tax I	4	10	-	-	-	-	-	-	14
State Grant Funds	-	700	-	-	-	-	-	-	700
Total:	508	1,456	25	-	-	-	-	-	1,989
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Beach Maintenance Fund	256	69	25	-	-	-	-	-	350
Park And Recreation Fund	-	1,375	-	-	-	-	-	-	1,375
REET I Capital Fund	4	10	-	-	-	-	-	-	14
Unrestricted Cumulative Reserve Fund	248	2	-	-	-	-	-	-	250
Total:	508	1,456	25	-	-	-	-	-	1,989

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boat Moorage Restoration

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

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Concession Revenues	286	14	-	-	-	-	-	-	300
Real Estate Excise Tax I	32	3,968	-	-	-	-	-	-	4,000
State Grant Funds	-	1,000	-	-	-	-	-	-	1,000
Total:	317	4,982	-	-	-	-	-	-	5,300
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	-	1,000	-	-	-	-	-	-	1,000
REET I Capital Fund	32	3,968	-	-	-	-	-	-	4,000
Unrestricted Cumulative Reserve Fund	286	14	-	-	-	-	-	-	300
Total:	317	4,982	-	-	-	-	-	-	5,300

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Bobby Morris Playfield Turf Replacement-2008 Levy

Project No:	MC-PR-16014	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Rehabilitation or Restoration	Location:	1635 11th AVE
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 3
Start/End Date:	2014 - 2020	Neighborhood District:	East District
Total Project Cost:	\$1,069	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	1,020	49	-	-	-	-	-	-	1,069
Total:	1,020	49	-	-	-	-	-	-	1,069
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	1,020	49	-	-	-	-	-	-	1,069
Total:	1,020	49	-	-	-	-	-	-	1,069

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boiler and Mechanical System Replacement Program

Project No:	MC-PR-41007	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	100	-	-	-	-	-	-	-	100
Real Estate Excise Tax II	1,479	100	-	175	175	175	175	175	2,454
Total:	1,579	100	-	175	175	175	175	175	2,554
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	100	-	-	-	-	-	-	-	100
REET II Capital Fund	1,479	100	-	175	175	175	175	175	2,454
Total:	1,579	100	-	175	175	175	175	175	2,554

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Bryant Site Development

Project No:	MC-PR-61002	BSL Code:	BC-PR-60000
Project Type:	Discrete	BSL Name:	SR520 Mitigation
Project Category:	Improved Facility	Location:	1101 NE Boat ST
Current Project Stage:	Stage 5 - Construction	Council District:	Council District 4
Start/End Date:	2013 - 2020	Neighborhood District:	Northeast
Total Project Cost:	\$11,639	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
State Interlocal Revenues	4,590	6,800	-	-	-	-	-	-	11,389
Use of Fund Balance	-	250	-	-	-	-	-	-	250
Total:	4,590	7,050	-	-	-	-	-	-	11,639
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park Mitigation & Remediation	4,590	7,050	-	-	-	-	-	-	11,639
Total:	4,590	7,050	-	-	-	-	-	-	11,639

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Cal Anderson Park Landscape Improvement

Project No:	MC-PR-41047	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Improved Facility	Location:	1635 11th AVE
Current Project Stage:	Stage 3 - Design	Council District:	Council District 3
Start/End Date:	2018 - 2020	Neighborhood District:	Central
Total Project Cost:	\$200	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	49	151	-	-	-	-	-	-	200
Total:	49	151	-	-	-	-	-	-	200
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	49	151	-	-	-	-	-	-	200
Total:	49	151	-	-	-	-	-	-	200

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Comfort Station Renovations

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
CRS Misc Revenues	30	274	-	-	-	-	-	-	305
King County Parks Levy	313	2,065	6	210	345	345	345	355	3,985
Real Estate Excise Tax I	78	222	660	-	-	-	-	-	960
Real Estate Excise Tax II	104	461	-	660	660	660	660	660	3,865
Total:	525	3,023	666	870	1,005	1,005	1,005	1,015	9,114
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Parks Levy Fund	313	2,065	6	210	345	345	345	355	3,985
REET I Capital Fund	78	222	660	-	-	-	-	-	960
REET II Capital Fund	104	461	-	660	660	660	660	660	3,865
Unrestricted Cumulative Reserve Fund	30	274	-	-	-	-	-	-	305
Total:	525	3,023	666	870	1,005	1,005	1,005	1,015	9,114

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Comfort Station Renovations-2008 Levy Phase 2

Project No:	MC-PR-16007	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	Stage 3 - Design	Council District:	Multiple
Start/End Date:	2014 - 2021	Neighborhood District:	Multiple
Total Project Cost:	\$1,047	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	-	201	-	-	-	-	-	-	201
Seattle Voter-Approved Levy	497	349	-	-	-	-	-	-	846
Total:	497	550	-	-	-	-	-	-	1,047
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	497	550	-	-	-	-	-	-	1,047
Total:	497	550	-	-	-	-	-	-	1,047

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Community Center Rehabilitation & Development

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

This ongoing project provides funding for improvements at 27 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park and Recreation Fund	-	-	150	-	-	-	-	-	150
Real Estate Excise Tax II	1,274	4,125	2,284	3,508	3,596	3,686	3,778	3,872	26,124
Seattle Park District Revenues	2,498	9,392	377	244	250	256	263	270	13,550
Total:	3,772	13,518	2,811	3,752	3,846	3,942	4,041	4,142	39,823
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	-	-	150	-	-	-	-	-	150
REET II Capital Fund	1,274	4,125	2,284	3,508	3,596	3,686	3,778	3,872	26,124
Seattle Park District Fund	2,498	9,392	377	244	250	256	263	270	13,550
Total:	3,772	13,518	2,811	3,752	3,846	3,942	4,041	4,142	39,823

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Community Food Gardens and P-Patches

Project No:	MC-PR-17001	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	Stage 6 - Closeout	Council District:	Multiple
Start/End Date:	2009 - 2020	Neighborhood District:	Multiple
Total Project Cost:	\$2,428	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	2,417	11	-	-	-	-	-	-	2,428
Total:	2,417	11	-	-	-	-	-	-	2,428
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	2,417	11	-	-	-	-	-	-	2,428
Total:	2,417	11	-	-	-	-	-	-	2,428

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Develop 14 New Parks at Land-Banked Sites

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Miscellaneous Revenues	-	1,070	-	-	-	-	-	-	1,070
Real Estate Excise Tax II	-	-	1,300	-	-	-	-	-	1,300
Seattle Park District Revenues	2,461	15,758	407	-	-	-	-	-	18,626
Total:	2,461	16,828	1,707	-	-	-	-	-	20,996
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	-	1,070	-	-	-	-	-	-	1,070
REET II Capital Fund	-	-	1,300	-	-	-	-	-	1,300
Seattle Park District Fund	2,461	15,758	407	-	-	-	-	-	18,626
Total:	2,461	16,828	1,707	-	-	-	-	-	20,996

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Duwamish Waterway Park Improvements

Project No:	MC-PR-21014	BSL Code:	BC-PR-20000
Project Type:	Discrete	BSL Name:	Building For The Future
Project Category:	Improved Facility	Location:	10th Ave S / S Elmgrove
Current Project Stage:	Stage 3 - Design	Council District:	Council District 1
Start/End Date:	2019 - 2021	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$950	Urban Village:	Greater Duwamish

This project will make major improvements to Duwamish Waterway Park, including installation of a new play area, renovation of grill/picnic areas, addition of pathways and a drinking fountain, and related work. This project is part of the Building for the Future BSL, and uses donated funds from the Seattle Parks Foundation.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Private Funding/Donations	-	950	-	-	-	-	-	-	950
Total:	-	950	-	-	-	-	-	-	950
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	-	950	-	-	-	-	-	-	950
Total:	-	950	-	-	-	-	-	-	950

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Electrical System Replacement Program

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	551	5	-	-	-	-	-	-	556
Real Estate Excise Tax II	1,134	100	100	150	150	150	150	150	2,084
Total:	1,685	105	100	150	150	150	150	150	2,640
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	551	5	-	-	-	-	-	-	556
REET II Capital Fund	1,134	100	100	150	150	150	150	150	2,084
Total:	1,685	105	100	150	150	150	150	150	2,640

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Emma Schmitz Sea Wall Replacement-2008 Levy

Project No:	MC-PR-16008	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Rehabilitation or Restoration	Location:	4503 Beach DR SW
Current Project Stage:	Stage 3 - Design	Council District:	Council District 1
Start/End Date:	2014 - 2020	Neighborhood District:	Southwest
Total Project Cost:	\$1,250	Urban Village:	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%).

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	-	600	-	-	-	-	-	-	600
Seattle Voter-Approved Levy	12	639	-	-	-	-	-	-	650
Total:	12	1,239	-	-	-	-	-	-	1,250
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	12	1,239	-	-	-	-	-	-	1,250
Total:	12	1,239	-	-	-	-	-	-	1,250

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Environmental Remediation Program

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	202	1	-	-	-	-	-	-	202
Real Estate Excise Tax II	618	114	100	100	100	100	100	100	1,332
Total:	820	115	100	100	100	100	100	100	1,535

Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	202	1	-	-	-	-	-	-	202
REET II Capital Fund	618	114	100	100	100	100	100	100	1,332
Total:	820	115	100	100	100	100	100	100	1,535

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

First Hill Park Development

Project No:	MC-PR-15015	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Improved Facility	Location:	1201 University ST
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 2
Start/End Date:	2018 - 2020	Neighborhood District:	East District
Total Project Cost:	\$1,000	Urban Village:	First Hill/Capitol Hill

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Private Funding/Donations	-	500	-	-	-	-	-	-	500
Seattle Voter-Approved Levy	1	499	-	-	-	-	-	-	500
Total:	1	999	-	-	-	-	-	-	1,000

Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	1	999	-	-	-	-	-	-	1,000
Total:	1	999	-	-	-	-	-	-	1,000

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fountain Discharge Retrofit

Project No:	MC-PR-41033	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	Stage 3 - Design	Council District:	Multiple
Start/End Date:	2012 - 2020	Neighborhood District:	Multiple
Total Project Cost:	\$781	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	-	281	-	-	-	-	-	-	281
Real Estate Excise Tax II	295	205	-	-	-	-	-	-	500
Total:	295	486	-	-	-	-	-	-	781
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	-	281	-	-	-	-	-	-	281
REET II Capital Fund	295	205	-	-	-	-	-	-	500
Total:	295	486	-	-	-	-	-	-	781

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Freeway Park Improvements

Project No:	MC-PR-21011	BSL Code:	BC-PR-20000
Project Type:	Discrete	BSL Name:	Building For The Future
Project Category:	Improved Facility	Location:	1227 9th AVE
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 7
Start/End Date:	2018 - 2021	Neighborhood District:	Downtown
Total Project Cost:	\$10,000	Urban Village:	First Hill/Capitol Hill

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Private Funding/Donations	53	1,897	8,050	-	-	-	-	-	10,000
Total:	53	1,897	8,050	-	-	-	-	-	10,000
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	53	1,897	8,050	-	-	-	-	-	10,000
Total:	53	1,897	8,050	-	-	-	-	-	10,000

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Gas Works Park - Remediation

Project No:	MC-PR-31007	BSL Code:	BC-PR-30000
Project Type:	Ongoing	BSL Name:	Debt and Special Funding
Project Category:	Rehabilitation or Restoration	Location:	2101 N Northlake Wy
Current Project Stage:	N/A	Council District:	Council District 4
Start/End Date:	N/A	Neighborhood District:	Lake Union
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	402	-	-	-	-	-	-	-	402
Miscellaneous Grants or Donations	72	103	-	-	-	-	-	-	175
Real Estate Excise Tax I	2,075	185	-	-	-	-	-	-	2,260
Real Estate Excise Tax II	616	719	-	670	1,040	2,290	200	200	5,735
Total:	3,165	1,007	-	670	1,040	2,290	200	200	8,572
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Gasworks Park Contamination Remediation Fund	402	-	-	-	-	-	-	-	402
Park And Recreation Fund	72	103	-	-	-	-	-	-	175
REET I Capital Fund	2,075	185	-	-	-	-	-	-	2,260
REET II Capital Fund	616	719	-	670	1,040	2,290	200	200	5,735
Total:	3,165	1,007	-	670	1,040	2,290	200	200	8,572

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Golf - Capital Improvements

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Golf Revenues	2,406	89	-	-	-	-	-	-	2,495
King County Voter-Approved Levy	891	1,538	1,536	1,541	1,155	1,154	1,151	1,144	10,110
Total:	3,297	1,627	1,536	1,541	1,155	1,154	1,151	1,144	12,605
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Parks Levy Fund	891	1,538	1,536	1,541	1,155	1,154	1,151	1,144	10,110
Unrestricted Cumulative Reserve Fund	2,406	89	-	-	-	-	-	-	2,495
Total:	3,297	1,627	1,536	1,541	1,155	1,154	1,151	1,144	12,605

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Golf Master Plan Implementation

Project No:	MC-PR-31004	BSL Code:	BC-PR-30000
Project Type:	Discrete	BSL Name:	Debt and Special Funding
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	Stage 3 - Design	Council District:	Multiple
Start/End Date:	2010 - 2020	Neighborhood District:	Multiple
Total Project Cost:	\$16,524	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	15,751	774	-	-	-	-	-	-	16,524
Total:	15,751	774	-	-	-	-	-	-	16,524
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2010 Multipurpose LTGO Bond Fund	863	-	-	-	-	-	-	-	863
2011 Multipurpose LTGO Bond Fund	2,049	-	-	-	-	-	-	-	2,049
2012 Multipurpose LTGO Bond Fund	4,031	211	-	-	-	-	-	-	4,242
2013 Multipurpose LTGO Bond Fund	1,810	-	-	-	-	-	-	-	1,810
2014 Multipurpose LTGO Bond Fund	5,485	76	-	-	-	-	-	-	5,561
2015 Multipurpose LTGO Bond Fund	1,514	487	-	-	-	-	-	-	2,000
Total:	15,751	774	-	-	-	-	-	-	16,524

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

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

Project No:	MC-PR-41034	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	7201 E Green Lake Dr N
Current Project Stage:	Stage 3 - Design	Council District:	Council District 6
Start/End Date:	2013 - 2020	Neighborhood District:	Northwest
Total Project Cost:	\$1,672	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	923	750	-	-	-	-	-	-	1,672
Total:	923	750	-	-	-	-	-	-	1,672
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	923	750	-	-	-	-	-	-	1,672
Total:	923	750	-	-	-	-	-	-	1,672

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Green Lake Community Center & Evans Pool Replacement

Project No:	MC-PR-41071	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	7201 E Green Lake DR N
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 6
Start/End Date:	2019 - 2022	Neighborhood District:	Northwest
Total Project Cost:	\$1,000	Urban Village:	Green Lake

This project will achieve planning and schematic design for replacement of the current Green Lake Community Center and Evans Pool. Work will entail public outreach and engagement, feasibility analysis of alternatives, and development of a preferred schematic design and cost estimating. Funding for construction of this project is anticipated to be included in the 2021 -2026 Seattle Park District spending plan. This plan will be adopted in the Fall of 2020.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax II	-	500	500	-	-	-	-	-	1,000
Total:	-	500	500	-	-	-	-	-	1,000
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET II Capital Fund	-	500	500	-	-	-	-	-	1,000
Total:	-	500	500	-	-	-	-	-	1,000

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Green Lake Community Center Electrical and Mechanical Renovation-2008 Levy

Project No:	MC-PR-16009	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Rehabilitation or Restoration	Location:	7201 E Green Lake DR N
Current Project Stage:	Stage 3 - Design	Council District:	Council District 6
Start/End Date:	2014 - 2020	Neighborhood District:	Northwest
Total Project Cost:	\$1,216	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	143	1,072	-	-	-	-	-	-	1,216
Total:	143	1,072	-	-	-	-	-	-	1,216
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	143	1,072	-	-	-	-	-	-	1,216
Total:	143	1,072	-	-	-	-	-	-	1,216

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Green Space Acquisitions- 2008 Parks Levy

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Interest Earnings	305	-	-	-	-	-	-	-	305
Seattle Voter-Approved Levy	9,181	5	-	-	-	-	-	-	9,186
Total:	9,486	5	-	-	-	-	-	-	9,491
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	9,181	5	-	-	-	-	-	-	9,186
Open Spaces & Trails Bond Fund	305	-	-	-	-	-	-	-	305
Total:	9,486	5	-	-	-	-	-	-	9,491

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Hiawatha Community Center Renovation-2008 Levy

Project No:	MC-PR-16010	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Rehabilitation or Restoration	Location:	2700 California AVE SW
Current Project Stage:	Stage 3 - Design	Council District:	Council District 1
Start/End Date:	2014 - 2021	Neighborhood District:	Southwest
Total Project Cost:	\$1,193	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	41	1,152	-	-	-	-	-	-	1,193
Total:	41	1,152	-	-	-	-	-	-	1,193
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	41	1,152	-	-	-	-	-	-	1,193
Total:	41	1,152	-	-	-	-	-	-	1,193

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Hubbard Homestead Park (Northgate) Acquisition- Debt Service

Project No:	MC-PR-31003	BSL Code:	BC-PR-30000
Project Type:	Debt Service	BSL Name:	Debt and Special Funding
Project Category:	New Facility	Location:	NE 112th St
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	2007 - 2027	Neighborhood District:	Multiple
Total Project Cost:	\$3,749	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	2,204	222	224	221	218	220	220	220	3,749
Total:	2,204	222	224	221	218	220	220	220	3,749
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	2,204	222	224	221	218	220	220	220	3,749
Total:	2,204	222	224	221	218	220	220	220	3,749

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

HVAC System Duct Cleaning Program - Large Buildings

Project No:	MC-PR-41028	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Property Sales and Interest Earnings	293	56	35	35	35	35	35	35	560
Total:	293	56	35	35	35	35	35	35	560
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Unrestricted Cumulative Reserve Fund	293	56	35	35	35	35	35	35	560
Total:	293	56	35	35	35	35	35	35	560

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Improve Dog Off-Leash Areas

Project No:	MC-PR-51002	BSL Code:	BC-PR-50000
Project Type:	Ongoing	BSL Name:	Maintaining Parks and Facilities
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax II	1	100	-	-	-	-	-	-	101
Seattle Park District Revenues	248	167	117	120	123	126	129	132	1,163
Total:	249	267	117	120	123	126	129	132	1,264
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET II Capital Fund	1	100	-	-	-	-	-	-	101
Seattle Park District Fund	248	167	117	120	123	126	129	132	1,163
Total:	249	267	117	120	123	126	129	132	1,264

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Irrigation Replacement and Outdoor Infrastructure Program

Project No:	MC-PR-41020	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	40	-	-	-	-	-	-	-	40
Real Estate Excise Tax I	428	157	-	-	-	-	-	-	585
Real Estate Excise Tax II	1,236	573	250	550	550	550	550	550	4,809
Total:	1,705	730	250	550	550	550	550	550	5,435
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	428	157	-	-	-	-	-	-	585
REET II Capital Fund	1,236	573	250	550	550	550	550	550	4,809
Unrestricted Cumulative Reserve Fund	40	-	-	-	-	-	-	-	40
Total:	1,705	730	250	550	550	550	550	550	5,435

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Jimi Hendrix Park Improvements

Project No:	MC-PR-15003	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Improved Facility	Location:	2400 Massachusetts ST
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 3
Start/End Date:	2011 - 2019	Neighborhood District:	Southeast
Total Project Cost:	\$2,029	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Funds	101	-	-	-	-	-	-	-	101
Private Funding/Donations	1,231	147	-	-	-	-	-	-	1,378
Seattle Voter-Approved Levy	-	15	-	-	-	-	-	-	15
Seattle Voter-Approved Levy	491	44	-	-	-	-	-	-	535
Total:	1,823	206	-	-	-	-	-	-	2,029
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	1,823	206	-	-	-	-	-	-	2,029
Total:	1,823	206	-	-	-	-	-	-	2,029

O&M Impacts:

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Joint Preschool Site and Tenant Improvements

Project No:	MC-PR-41042	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax II	9	-	-	-	-	-	-	-	9
Seattle Preschool Program Levy Funds	2,759	871	-	-	-	-	-	-	3,630
Total:	2,767	871	-	-	-	-	-	-	3,638

Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET II Capital Fund	9	-	-	-	-	-	-	-	9
Seattle Preschool Levy Fund	2,759	871	-	-	-	-	-	-	3,630
Total:	2,767	871	-	-	-	-	-	-	3,638

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Lake City Community Center Improvements

Project No:	MC-PR-41040	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Improved Facility	Location:	12531 28th Avenue NE
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 5
Start/End Date:	2018 - 2021	Neighborhood District:	North
Total Project Cost:	\$16,500	Urban Village:	Lake City

This project will replace the current Lake City Community Center with a new facility and perform other related work. The new Lake City Community Center will be more accessible for all users, more inviting and comfortable, and include improved recreation spaces. The project will begin with a feasibility study that will identify the probable costs associated with a variety of options such as underground parking, gym size, possible childcare rooms and facilities, and number of floors and other recreation spaces. Funding for construction of this project is anticipated to be included in the 2021 -2026 Seattle Park District spending plan. This plan will be adopted in the Fall of 2020.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	500	-	-	-	-	-	-	-	500
Real Estate Excise Tax II	39	4,961	4,000	-	-	-	-	-	9,000
Seattle Park District Revenues	-	-	-	5,000	-	-	-	-	5,000
State Grant Funds	-	2,000	-	-	-	-	-	-	2,000
Total:	540	6,961	4,000	5,000	-	-	-	-	16,500
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	-	2,000	-	-	-	-	-	-	2,000
REET I Capital Fund	500	-	-	-	-	-	-	-	500
REET II Capital Fund	39	4,961	4,000	-	-	-	-	-	9,000
Seattle Park District Fund	-	-	-	5,000	-	-	-	-	5,000
Total:	540	6,961	4,000	5,000	-	-	-	-	16,500

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Landscape Restoration Program

Project No:	MC-PR-41017	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Property Sales and Interest Earnings	110	-	-	-	-	-	-	-	110
Real Estate Excise Tax I	1,252	-	-	-	-	-	-	-	1,252
Real Estate Excise Tax II	2,568	270	264	430	430	430	430	430	5,252
Total:	3,930	270	264	430	430	430	430	430	6,614
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	1,252	-	-	-	-	-	-	-	1,252
REET II Capital Fund	2,568	270	264	430	430	430	430	430	5,252
Unrestricted Cumulative Reserve Fund	110	-	-	-	-	-	-	-	110
Total:	3,930	270	264	430	430	430	430	430	6,614

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Loyal Heights Community Center Renovation

Project No:	MC-PR-41038	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	2101 N 77th ST
Current Project Stage:	Stage 3 - Design	Council District:	Council District 6
Start/End Date:	2017 - 2021	Neighborhood District:	Ballard
Total Project Cost:	\$1,221	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax II	65	1,156	-	-	-	-	-	-	1,221
Total:	65	1,156	-	-	-	-	-	-	1,221
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET II Capital Fund	65	1,156	-	-	-	-	-	-	1,221
Total:	65	1,156	-	-	-	-	-	-	1,221

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Loyal Heights Playfield Turf Replacement

Project No:	MC-PR-41048	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	2101 N 77th ST
Current Project Stage:	Stage 3 - Design	Council District:	Council District 6
Start/End Date:	2018 - 2020	Neighborhood District:	Ballard
Total Project Cost:	\$2,385	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax II	78	2,307	-	-	-	-	-	-	2,385
Total:	78	2,307	-	-	-	-	-	-	2,385
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET II Capital Fund	78	2,307	-	-	-	-	-	-	2,385
Total:	78	2,307	-	-	-	-	-	-	2,385

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Magnuson Community Center Improvements

Project No:	MC-PR-41067	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Improved Facility	Location:	7110 62nd AVE NE
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 4
Start/End Date:	2018 - 2021	Neighborhood District:	Northeast
Total Project Cost:	\$2,650	Urban Village:	Not in an Urban Village

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Funds	17	983	-	-	-	-	-	-	1,000
Real Estate Excise Tax II	12	1,139	-	-	-	-	-	-	1,150
State Grant Funds	-	500	-	-	-	-	-	-	500
Total:	28	2,622	-	-	-	-	-	-	2,650

Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	17	1,483	-	-	-	-	-	-	1,500
REET II Capital Fund	12	1,139	-	-	-	-	-	-	1,150
Total:	28	2,622	-	-	-	-	-	-	2,650

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Magnuson Park Athletic Field 12 Conversion

Project No:	MC-PR-41064	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Improved Facility	Location:	7400 Sand Point Way NE
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 4
Start/End Date:	2021 - 2023	Neighborhood District:	Northeast
Total Project Cost:	\$7,522	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	-	-	-	5,618	-	-	-	-	5,618
Real Estate Excise Tax II	-	-	-	334	1,570	-	-	-	1,904
Total:	-	-	-	5,952	1,570	-	-	-	7,522
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	-	-	-	5,618	-	-	-	-	5,618
REET II Capital Fund	-	-	-	334	1,570	-	-	-	1,904
Total:	-	-	-	5,952	1,570	-	-	-	7,522

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Magnuson Park Building #406 Roof Replacement-2008 Levy

Project No:	MC-PR-16012	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Rehabilitation or Restoration	Location:	7400 Sand Point WAY NE
Current Project Stage:	Stage 3 - Design	Council District:	Council District 4
Start/End Date:	2014 - 2020	Neighborhood District:	Northeast
Total Project Cost:	\$2,152	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	-	800	-	-	-	-	-	-	800
Seattle Voter-Approved Levy	51	1,301	-	-	-	-	-	-	1,352
Total:	51	2,101	-	-	-	-	-	-	2,152
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	51	2,101	-	-	-	-	-	-	2,152
Total:	51	2,101	-	-	-	-	-	-	2,152

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Major Maintenance Backlog and Asset Management

Project No:	MC-PR-41001	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Funds	-	75	-	-	-	-	-	-	75
Real Estate Excise Tax I	-	883	1,064	-	-	-	-	-	1,947
Real Estate Excise Tax II	-	4,808	4,854	4,962	5,086	5,213	7,743	10,477	43,143
Seattle Park District Revenues	23,604	43,387	14,854	15,371	15,686	16,078	16,480	16,892	162,352
State Grant Funds	117	1,912	-	-	-	-	-	-	2,028
Total:	23,721	51,064	20,772	20,333	20,772	21,291	24,223	27,369	209,545
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	2	1,776	-	-	-	-	-	-	1,778
REET I Capital Fund	-	883	1,064	-	-	-	-	-	1,947
REET II Capital Fund	-	4,808	4,854	4,962	5,086	5,213	7,743	10,477	43,143
Seattle Park District Fund	23,604	43,387	14,854	15,371	15,686	16,078	16,480	16,892	162,352
Unrestricted Cumulative Reserve Fund	115	211	-	-	-	-	-	-	325
Total:	23,721	51,064	20,772	20,333	20,772	21,291	24,223	27,369	209,545

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Major Parks- 2008 Parks Levy

Project No:	MC-PR-13001	BSL Code:	BC-PR-10000
Project Type:	Ongoing	BSL Name:	2008 Parks Levy
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	-	-	-	-	-	-	-	-	-
Seattle Voter-Approved Levy	14	-	-	-	-	-	-	-	14
Total:	14	-	-	-	-	-	-	-	14

Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	14	-	-	-	-	-	-	-	14
Total:	14	-	-	-	-	-	-	-	14

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Major Projects Challenge Fund

Project No:	MC-PR-21002	BSL Code:	BC-PR-20000
Project Type:	Ongoing	BSL Name:	Building For The Future
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Park District Revenues	1,148	5,496	1,766	1,810	1,855	1,902	1,950	1,999	17,926
State Grant Funds	-	1,020	-	-	-	-	-	-	1,020
Total:	1,148	6,516	1,766	1,810	1,855	1,902	1,950	1,999	18,946
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	-	1,020	-	-	-	-	-	-	1,020
Seattle Park District Fund	1,148	5,496	1,766	1,810	1,855	1,902	1,950	1,999	17,926
Total:	1,148	6,516	1,766	1,810	1,855	1,902	1,950	1,999	18,946

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Marra-Desimone Park Development

Project No:	MC-PR-16004	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	New Facility	Location:	9026 4th AVE S
Current Project Stage:	Stage 3 - Design	Council District:	Council District 1
Start/End Date:	2013 - 2020	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$1,400	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	-	300	-	-	-	-	-	-	300
Seattle Voter-Approved Levy	320	780	-	-	-	-	-	-	1,100
Total:	320	1,080	-	-	-	-	-	-	1,400
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	320	1,080	-	-	-	-	-	-	1,400
Total:	320	1,080	-	-	-	-	-	-	1,400

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Municipal Energy Efficiency Program - Parks

Project No:	MC-PR-41030	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide Multiple Locations
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
	-	-	-	-	-	-	-	-	-
LTGO Bond Proceeds	478	-	-	-	-	-	-	-	478
Real Estate Excise Tax I	-	1,323	881	-	-	-	-	-	2,205
Real Estate Excise Tax II	177	69	-	-	-	-	-	-	246
Total:	655	1,392	881	-	-	-	-	-	2,929
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2011 Multipurpose LTGO Bond Fund	478	-	-	-	-	-	-	-	478
Park And Recreation Fund	-	-	-	-	-	-	-	-	-
REET I Capital Fund	-	1,323	881	-	-	-	-	-	2,205
REET II Capital Fund	177	69	-	-	-	-	-	-	246
Total:	655	1,392	881	-	-	-	-	-	2,929

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Neighborhood Capital Program

Project No:	MC-PR-41015	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	243	-	-	-	-	-	-	-	243
Real Estate Excise Tax II	1,177	622	-	-	-	-	-	-	1,799
Total:	1,420	622	-	-	-	-	-	-	2,042

Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	243	-	-	-	-	-	-	-	243
REET II Capital Fund	1,177	622	-	-	-	-	-	-	1,799
Total:	1,420	622	-	-	-	-	-	-	2,042

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Neighborhood Park Acquisitions- 2008 Parks Levy

Project No:	MC-PR-14001	BSL Code:	BC-PR-10000
Project Type:	Ongoing	BSL Name:	2008 Parks Levy
Project Category:	New Facility	Location:	Multiple Locations
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	22,272	2,133	-	-	-	-	-	-	24,406
Total:	22,272	2,133	-	-	-	-	-	-	24,406
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	22,272	2,133	-	-	-	-	-	-	24,406
Total:	22,272	2,133	-	-	-	-	-	-	24,406

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Neighborhood Parks & Playgrounds- 2008 Parks Levy

Project No:	MC-PR-16001	BSL Code:	BC-PR-10000
Project Type:	Ongoing	BSL Name:	2008 Parks Levy
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	134	526	-	-	-	-	-	-	660
Use of Fund Balance	-	1,506	-	-	-	-	-	-	1,506
Total:	134	2,032	-	-	-	-	-	-	2,166
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	134	2,032	-	-	-	-	-	-	2,166
Total:	134	2,032	-	-	-	-	-	-	2,166

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Neighborhood Response Program

Project No:	MC-PR-41024	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Funds	37	-	-	-	-	-	-	-	37
Private Funding/Donations	696	291	-	-	-	-	-	-	987
Real Estate Excise Tax I	666	58	-	-	-	-	-	-	723
Real Estate Excise Tax II	788	536	200	250	250	250	250	250	2,774
Total:	2,187	885	200	250	250	250	250	250	4,522
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	666	58	-	-	-	-	-	-	723
REET II Capital Fund	788	536	200	250	250	250	250	250	2,774
Unrestricted Cumulative Reserve Fund	733	291	-	-	-	-	-	-	1,024
Total:	2,187	885	200	250	250	250	250	250	4,522

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Northwest Native Canoe Center Development

Project No:	MC-PR-15010	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Improved Facility	Location:	860 Terry AVE N
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 3
Start/End Date:	2014 - 2021	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$750	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	21	729	-	-	-	-	-	-	750
Total:	21	729	-	-	-	-	-	-	750
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	21	729	-	-	-	-	-	-	750
Total:	21	729	-	-	-	-	-	-	750

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Opportunity Fund Acquisitions- 2008 Parks Levy

Project No:	MC-PR-15001	BSL Code:	BC-PR-10000
Project Type:	Ongoing	BSL Name:	2008 Parks Levy
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	-	108	-	-	-	-	-	-	108
Seattle Voter-Approved Levy	7,866	476	-	-	-	-	-	-	8,341
Total:	7,866	584	-	-	-	-	-	-	8,450
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2000 Parks Levy Fund	1,975	-	-	-	-	-	-	-	1,975
2008 Parks Levy Fund	5,891	584	-	-	-	-	-	-	6,475
Total:	7,866	584	-	-	-	-	-	-	8,450

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Opportunity Fund Development- 2008 Parks Levy

Project No:	MC-PR-15002	BSL Code:	BC-PR-10000
Project Type:	Ongoing	BSL Name:	2008 Parks Levy
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Voter-Approved Levy	-	-	-	-	-	-	-	-	-
Seattle Voter-Approved Levy	-	167	-	-	-	-	-	-	167
Seattle Voter-Approved Levy	14	2	-	-	-	-	-	-	16
Total:	14	169	-	-	-	-	-	-	183
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	14	169	-	-	-	-	-	-	183
King County Parks Levy Fund	-	-	-	-	-	-	-	-	-
Total:	14	169	-	-	-	-	-	-	183

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Othello Park Improvements

Project No:	MC-PR-15011	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Improved Facility	Location:	4351 S Othello ST
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 2
Start/End Date:	2014 - 2020	Neighborhood District:	Southeast
Total Project Cost:	\$636	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	-	89	-	-	-	-	-	-	89
Seattle Voter-Approved Levy	195	352	-	-	-	-	-	-	547
Total:	195	441	-	-	-	-	-	-	636
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	195	441	-	-	-	-	-	-	636
Total:	195	441	-	-	-	-	-	-	636

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Park Acquisition and Development

Project No:	MC-PR-21008	BSL Code:	BC-PR-20000
Project Type:	Ongoing	BSL Name:	Building For The Future
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
CRS Misc Revenues	19	2,887	-	-	-	-	-	-	2,906
King County Funds	-	477	-	-	-	-	-	-	477
Real Estate Excise Tax I	14	122	-	-	-	-	-	-	136
Use of Fund Balance	-	325	-	-	-	-	-	-	325
Total:	33	3,811	-	-	-	-	-	-	3,844
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Beach Maintenance Fund	-	325	-	-	-	-	-	-	325
REET I Capital Fund	14	122	-	-	-	-	-	-	136
Unrestricted Cumulative Reserve Fund	19	3,364	-	-	-	-	-	-	3,383
Total:	33	3,811	-	-	-	-	-	-	3,844

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Park Land Acquisition and Leverage Fund

Project No:	MC-PR-21001	BSL Code:	BC-PR-20000
Project Type:	Ongoing	BSL Name:	Building For The Future
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Funds	80	4,420	1,500	-	-	-	-	-	6,000
Private Funding/Donations	-	100	-	-	-	-	-	-	100
Real Estate Excise Tax I	-	21	-	-	-	-	-	-	21
Seattle Park District Revenues	2,367	5,939	2,208	2,263	2,320	2,378	2,437	2,498	22,409
Total:	2,447	10,480	3,708	2,263	2,320	2,378	2,437	2,498	28,531
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	-	3,100	1,500	-	-	-	-	-	4,600
REET I Capital Fund	-	21	-	-	-	-	-	-	21
Seattle Park District Fund	2,367	5,939	2,208	2,263	2,320	2,378	2,437	2,498	22,409
Unrestricted Cumulative Reserve Fund	80	1,420	-	-	-	-	-	-	1,500
Total:	2,447	10,480	3,708	2,263	2,320	2,378	2,437	2,498	28,531

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Parks Central Waterfront Piers Rehabilitation

Project No:	MC-PR-21007	BSL Code:	BC-PR-20000
Project Type:	Discrete	BSL Name:	Building For The Future
Project Category:	Rehabilitation or Restoration	Location:	Alaskan Way
Current Project Stage:	Stage 5 - Construction	Council District:	Council District 7
Start/End Date:	2016 - 2024	Neighborhood District:	Downtown
Total Project Cost:	\$100,217	Urban Village:	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 be completed at the end of 2019. This project is part of the overall Central Waterfront program. (Interfund Loan will be repaid with Local Improvement District Bonds.)

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Interfund Loan - CWIF	15	2,132	-	-	-	-	-	-	2,147
Local Improvement District Bonds	-	-	-	9,100	15,645	358	-	-	25,103
Private Funding/Donations	-	8,000	1,000	1,500	10,000	13,885	1,288	-	35,673
Real Estate Excise Tax II	12,358	5,742	1,987	-	-	-	-	-	20,087
Seattle Park District Revenues	-	1,102	3,252	2,987	2,777	2,236	-	-	12,354
Seawall Levy	970	2,333	-	-	-	-	-	-	3,303
Street Use Fees	120	430	-	-	-	-	-	-	550
Street Vacations - CRSU	98	902	-	-	-	-	-	-	1,000
Total:	13,561	20,641	6,239	13,587	28,422	16,479	1,288	-	100,217
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Alaskan Way Seawall	-	1,495	-	-	-	-	-	-	1,495
Alaskan Way Seawall Const Fund	970	838	-	-	-	-	-	-	1,808
Central Waterfront Improvement Fund	135	10,562	1,000	1,500	10,000	13,885	1,288	-	38,370
REET II Capital Fund	12,358	5,742	1,987	-	-	-	-	-	20,087
Seattle Park District Fund	-	1,102	3,252	2,987	2,777	2,236	-	-	12,354
Unrestricted Cumulative Reserve Fund	98	902	-	-	-	-	-	-	1,000
Waterfront LID #6751	-	-	-	9,100	15,645	358	-	-	25,103
Total:	13,561	20,641	6,239	13,587	28,422	16,479	1,288	-	100,217

O&M Impacts: NA

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Parks Maintenance Facility Acquisition - Debt Service

Project No:	MC-PR-31006	BSL Code:	BC-PR-30000
Project Type:	Debt Service	BSL Name:	Debt and Special Funding
Project Category:	Improved Facility	Location:	4201 W Marginal Wy SW
Current Project Stage:	N/A	Council District:	Council District 1
Start/End Date:	1999 - 2022	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$9,770	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	576	1	-	-	-	-	-	-	577
Concession Revenues	40	-	-	-	-	-	-	-	40
LTGO Bond Proceeds	39	-	-	-	-	-	-	-	39
Real Estate Excise Tax I	6,888	560	555	555	556	-	-	-	9,114
Total:	7,543	561	555	555	556	-	-	-	9,770
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	40	-	-	-	-	-	-	-	40
Parks 2002 Capital Facilities Bond Fund	39	-	-	-	-	-	-	-	39
REET I Capital Fund	6,888	560	555	555	556	-	-	-	9,114
Unrestricted Cumulative Reserve Fund	576	1	-	-	-	-	-	-	577
Total:	7,543	561	555	555	556	-	-	-	9,770

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Parks Upgrade Program

Project No:	MC-PR-41029	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Federal Community Development Block Grant	4,640	877	808	808	808	808	808	808	10,364
Real Estate Excise Tax II	1,524	-	-	-	-	-	-	-	1,524
Total:	6,164	877	808	808	808	808	808	808	11,888
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	4,640	877	808	808	808	808	808	808	10,364
REET II Capital Fund	1,524	-	-	-	-	-	-	-	1,524
Total:	6,164	877	808	808	808	808	808	808	11,888

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Pavement Restoration Program

Project No:	MC-PR-41025	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Federal Grant Funds	600	-	-	-	-	-	-	-	600
Miscellaneous Grants or Donations	42	-	-	-	-	-	-	-	42
Real Estate Excise Tax I	699	58	-	-	-	-	-	-	757
Real Estate Excise Tax II	1,346	452	320	400	400	400	400	400	4,119
Total:	2,687	510	320	400	400	400	400	400	5,517
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	699	58	-	-	-	-	-	-	757
REET II Capital Fund	1,346	452	320	400	400	400	400	400	4,119
Unrestricted Cumulative Reserve Fund	642	-	-	-	-	-	-	-	642
Total:	2,687	510	320	400	400	400	400	400	5,517

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Play Area Renovations

Project No:	MC-PR-41039	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Multiple
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	55	5	-	-	-	-	-	-	60
King County Voter-Approved Levy	804	2,946	-	500	750	750	750	750	7,251
Real Estate Excise Tax I	-	-	2,000	-	-	-	-	-	2,000
Real Estate Excise Tax II	489	-	-	1,000	1,000	1,000	1,000	1,000	5,489
Total:	1,348	2,951	2,000	1,500	1,750	1,750	1,750	1,750	14,800
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	55	5	-	-	-	-	-	-	60
King County Parks Levy Fund	804	2,946	-	500	750	750	750	750	7,251
REET I Capital Fund	-	-	2,000	-	-	-	-	-	2,000
REET II Capital Fund	489	-	-	1,000	1,000	1,000	1,000	1,000	5,489
Total:	1,348	2,951	2,000	1,500	1,750	1,750	1,750	1,750	14,800

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Play Area Safety Program

Project No:	MC-PR-41018	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	410	-	-	-	-	-	-	-	410
Real Estate Excise Tax II	640	175	75	150	150	150	150	150	1,640
Total:	1,050	175	75	150	150	150	150	150	2,050
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	410	-	-	-	-	-	-	-	410
REET II Capital Fund	640	175	75	150	150	150	150	150	1,640
Total:	1,050	175	75	150	150	150	150	150	2,050

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Pratt Park Water Feature Renovation-2008 Levy

Project No:	MC-PR-16013	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Rehabilitation or Restoration	Location:	1800 S Main ST
Current Project Stage:	Stage 5 - Construction	Council District:	Council District 3
Start/End Date:	2014 - 2020	Neighborhood District:	Central
Total Project Cost:	\$1,314	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	-	750	-	-	-	-	-	-	750
Seattle Voter-Approved Levy	137	427	-	-	-	-	-	-	564
Total:	137	1,177	-	-	-	-	-	-	1,314
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	137	1,177	-	-	-	-	-	-	1,314
Total:	137	1,177	-	-	-	-	-	-	1,314

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Puget Park - Environmental Remediation

Project No:	MC-PR-31001	BSL Code:	BC-PR-30000
Project Type:	Ongoing	BSL Name:	Debt and Special Funding
Project Category:	Rehabilitation or Restoration	Location:	1900 SW Dawson St
Current Project Stage:	N/A	Council District:	Council District 1
Start/End Date:	N/A	Neighborhood District:	Delridge
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	21	-	-	-	-	-	-	-	21
Private Funding/Donations	204	305	-	-	-	-	-	-	509
Total:	225	305	-	-	-	-	-	-	530
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Emergency Fund	21	-	-	-	-	-	-	-	21
Park And Recreation Fund	204	-	-	-	-	-	-	-	204
Unrestricted Cumulative Reserve Fund	-	305	-	-	-	-	-	-	305
Total:	225	305	-	-	-	-	-	-	530

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Queen Anne Turf Field Replacement

Project No:	MC-PR-41072	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	1901 1st AVE W
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 7
Start/End Date:	2020 - 2021	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$3,000	Urban Village:	Not in an Urban Village

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax II	-	-	3,000	-	-	-	-	-	3,000
Total:	-	-	3,000	-	-	-	-	-	3,000
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET II Capital Fund	-	-	3,000	-	-	-	-	-	3,000
Total:	-	-	3,000	-	-	-	-	-	3,000

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Rainier Beach CC Debt Service

Project No:	MC-PR-31008	BSL Code:	BC-PR-30000
Project Type:	Debt Service	BSL Name:	Debt and Special Funding
Project Category:	Rehabilitation or Restoration	Location:	8825 Rainier AVE S
Current Project Stage:	N/A	Council District:	Council District 2
Start/End Date:	2019 - 2033	Neighborhood District:	Southeast
Total Project Cost:	N/A	Urban Village:	Rainier Beach

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	-	2,007	1,210	1,202	1,204	1,208	1,205	1,205	9,241
Total:	-	2,007	1,210	1,202	1,204	1,208	1,205	1,205	9,241
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	-	2,007	1,210	1,202	1,204	1,208	1,205	1,205	9,241
Total:	-	2,007	1,210	1,202	1,204	1,208	1,205	1,205	9,241

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

RDA HQ Relocation

Project No:	MC-PR-21010	BSL Code:	BC-PR-20000
Project Type:	Discrete	BSL Name:	Building For The Future
Project Category:	Improved Facility	Location:	800 Maynard AVE S
Current Project Stage:	Stage 3 - Design	Council District:	Council District 2
Start/End Date:	2019 - 2020	Neighborhood District:	Downtown
Total Project Cost:	\$2,177	Urban Village:	Downtown

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Interest Earnings	-	500	-	-	-	-	-	-	500
Seattle Park District Revenues	-	1,677	-	-	-	-	-	-	1,677
Total:	-	2,177	-	-	-	-	-	-	2,177
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Park District Fund	-	2,177	-	-	-	-	-	-	2,177
Total:	-	2,177	-	-	-	-	-	-	2,177

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Rejuvenate Our P-Patches

Project No:	MC-PR-51001	BSL Code:	BC-PR-50000
Project Type:	Ongoing	BSL Name:	Maintaining Parks and Facilities
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Park District Revenues	658	272	221	226	232	238	244	250	2,341
Total:	658	272	221	226	232	238	244	250	2,341
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Park District Fund	658	272	221	226	232	238	244	250	2,341
Total:	658	272	221	226	232	238	244	250	2,341

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Roof & Building Envelope Program

Project No:	MC-PR-41027	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	700	-	-	-	-	-	-	-	700
Real Estate Excise Tax I	1,458	18	-	-	-	-	-	-	1,477
Real Estate Excise Tax II	1,293	356	250	350	350	350	350	350	3,649
Total:	3,452	374	250	350	350	350	350	350	5,826
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2013 Multipurpose LTGO Bond Fund	700	-	-	-	-	-	-	-	700
REET I Capital Fund	1,458	18	-	-	-	-	-	-	1,477
REET II Capital Fund	1,293	356	250	350	350	350	350	350	3,649
Total:	3,452	374	250	350	350	350	350	350	5,826

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Saving our City Forests

Project No:	MC-PR-41003	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Park District Revenues	7,110	969	1,031	2,486	2,548	2,611	2,676	2,743	22,174
Total:	7,110	969	1,031	2,486	2,548	2,611	2,676	2,743	22,174
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Park District Fund	7,110	969	1,031	2,486	2,548	2,611	2,676	2,743	22,174
Total:	7,110	969	1,031	2,486	2,548	2,611	2,676	2,743	22,174

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Asian Art Museum Renovation

Project No:	MC-PR-11002	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Rehabilitation or Restoration	Location:	1400 Prospect ST
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 3
Start/End Date:	2011 - 2020	Neighborhood District:	East District
Total Project Cost:	\$19,000	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	12,860	2,340	-	-	-	-	-	-	15,200
Real Estate Excise Tax II	3,800	-	-	-	-	-	-	-	3,800
Seattle Voter-Approved Levy	-	-	-	-	-	-	-	-	-
Seattle Voter-Approved Levy	-	-	-	-	-	-	-	-	-
Total:	16,660	2,341	-	-	-	-	-	-	19,000
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	-	-	-	-	-	-	-	-	-
REET I Capital Fund	12,860	2,340	-	-	-	-	-	-	15,200
REET II Capital Fund	3,800	-	-	-	-	-	-	-	3,800
Total:	16,660	2,341	-	-	-	-	-	-	19,000

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seward Park Forest Restoration

Project No:	MC-PR-41013	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	5900 Lake Washington Blvd S
Current Project Stage:	Stage 5 - Construction	Council District:	Council District 2
Start/End Date:	2008 - 2019	Neighborhood District:	Southeast
Total Project Cost:	\$1,011	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Miscellaneous Grants or Donations	857	154	-	-	-	-	-	-	1,011
Total:	857	154	-	-	-	-	-	-	1,011
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	26	154	-	-	-	-	-	-	180
Unrestricted Cumulative Reserve Fund	831	-	-	-	-	-	-	-	831
Total:	857	154	-	-	-	-	-	-	1,011

O&M Impacts:

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Smith Cove Park Development

Project No:	MC-PR-21005	BSL Code:	BC-PR-20000
Project Type:	Discrete	BSL Name:	Building For The Future
Project Category:	Improved Facility	Location:	W Galer ST
Current Project Stage:	Stage 3 - Design	Council District:	Council District 7
Start/End Date:	2015 - 2021	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$6,966	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Interfund Loan	-	3,359	-	-	-	-	-	-	3,359
Miscellaneous Grants or Donations	-	250	-	-	-	-	-	-	250
Real Estate Excise Tax I	30	-	-	-	-	-	-	-	30
Seattle Park District Revenues	862	2,215	-	-	-	-	-	-	3,077
State Grant Funds	32	218	-	-	-	-	-	-	250
Total:	923	6,042	-	-	-	-	-	-	6,966
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	32	468	-	-	-	-	-	-	500
REET I Capital Fund	30	-	-	-	-	-	-	-	30
Seattle Park District Fund	862	5,574	-	-	-	-	-	-	6,436
Total:	923	6,042	-	-	-	-	-	-	6,966

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

South Park Campus Improvements

Project No:	MC-PR-21013	BSL Code:	BC-PR-20000
Project Type:	Discrete	BSL Name:	Building For The Future
Project Category:	Improved Facility	Location:	8319 8th AVE S
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 1
Start/End Date:	2019 - 2021	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$1,800	Urban Village:	South Park

This project will implement the South Park Site Plan approved by Seattle Parks and Recreation in March 2018, by renovating and relocating numerous park elements. The site plan calls for the existing play area and wading pool to be demolished and replaced with a new play area and spray park in new locations within the site. The existing grass playfield will be renovated and upgraded with synthetic turf and lighting. The project may also include the replacement of the existing sport courts, installation of a loop trail and planted buffer, new fencing and related work. Partial funding for this project is anticipated from various public and private sources in the forms of grants and donations. Once the project is completed, these improvements will increase safety and site capacity, support more active uses and types of healthy outdoor play, and provide opportunities for programming throughout the year. The total estimated cost for this project is \$9.8 million. This project will be funded by public and private sources. With the addition of the Real Estate Excise Tax (REET) funding in 2019, the project is expected to be fully funded.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax II	-	1,800	-	-	-	-	-	-	1,800
Total:	-	1,800	-	-	-	-	-	-	1,800
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET II Capital Fund	-	1,800	-	-	-	-	-	-	1,800
Total:	-	1,800	-	-	-	-	-	-	1,800

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Sport Court Restoration Program

Project No:	MC-PR-41019	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This ongoing project renovates sport courts including tennis, basketball, and pickleball 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Funds	6	-	-	-	-	-	-	-	6
Miscellaneous Grants or Donations	14	-	-	-	-	-	-	-	14
Real Estate Excise Tax I	45	-	-	-	-	-	-	-	45
Real Estate Excise Tax II	474	100	75	100	100	100	100	100	1,149
Total:	539	100	75	100	100	100	100	100	1,214
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	45	-	-	-	-	-	-	-	45
REET II Capital Fund	474	100	75	100	100	100	100	100	1,149
Unrestricted Cumulative Reserve Fund	20	-	-	-	-	-	-	-	20
Total:	539	100	75	100	100	100	100	100	1,214

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Trails Renovation Program

Project No:	MC-PR-41026	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	1,643	-	-	-	-	-	-	-	1,643
Real Estate Excise Tax II	1,352	348	350	350	350	350	350	350	3,800
Total:	2,995	348	350	350	350	350	350	350	5,443
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	1,643	-	-	-	-	-	-	-	1,643
REET II Capital Fund	1,352	348	350	350	350	350	350	350	3,800
Total:	2,995	348	350	350	350	350	350	350	5,443

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Urban Forestry - Forest Restoration Program

Project No:	MC-PR-41022	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	586	-	-	-	-	-	-	-	586
Real Estate Excise Tax II	1,104	200	200	200	200	200	200	200	2,504
Total:	1,690	200	200	200	200	200	200	200	3,090
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	586	-	-	-	-	-	-	-	586
REET II Capital Fund	1,104	200	200	200	200	200	200	200	2,504
Total:	1,690	200	200	200	200	200	200	200	3,090

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Urban Forestry - Green Seattle Partnership

Project No:	MC-PR-41012	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
	-	-	-	-	-	-	-	-	-
CRS Misc Revenues	264	324	-	-	-	-	-	-	588
King County Funds	140	-	-	-	-	-	-	-	140
Real Estate Excise Tax I	7,255	-	-	-	-	-	-	-	7,255
Real Estate Excise Tax II	6,591	1,700	1,700	1,700	1,700	1,700	1,700	1,700	18,491
State Grant Funds	391	-	-	-	-	-	-	-	391
Total:	14,642	2,024	1,700	1,700	1,700	1,700	1,700	1,700	26,865
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Park And Recreation Fund	23	324	-	-	-	-	-	-	347
REET I Capital Fund	7,255	-	-	-	-	-	-	-	7,255
REET II Capital Fund	6,591	1,700	1,700	1,700	1,700	1,700	1,700	1,700	18,491
Unrestricted Cumulative Reserve Fund	772	-	-	-	-	-	-	-	772
Total:	14,642	2,024	1,700	1,700	1,700	1,700	1,700	1,700	26,865

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Urban Forestry - Tree Replacement

Project No:	MC-PR-41011	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Miscellaneous Grants or Donations	42	-	-	-	-	-	-	-	42
Real Estate Excise Tax I	240	-	-	-	-	-	-	-	240
Real Estate Excise Tax II	1,265	95	95	95	95	95	95	95	1,930
Total:	1,547	95	95	95	95	95	95	95	2,212
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	240	-	-	-	-	-	-	-	240
REET II Capital Fund	1,265	95	95	95	95	95	95	95	1,930
Unrestricted Cumulative Reserve Fund	42	-	-	-	-	-	-	-	42
Total:	1,547	95	95	95	95	95	95	95	2,212

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Utility Conservation Program

Project No:	MC-PR-41010	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	111	-	-	-	-	-	-	-	111
Miscellaneous Grants or Donations	859	105	105	105	105	105	105	105	1,594
Real Estate Excise Tax I	589	-	-	-	-	-	-	-	589
Real Estate Excise Tax II	1,803	215	200	250	250	250	250	250	3,468
Total:	3,362	320	305	355	355	355	355	355	5,762
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	111	-	-	-	-	-	-	-	111
Park And Recreation Fund	105	105	105	105	105	105	105	105	840
REET I Capital Fund	589	-	-	-	-	-	-	-	589
REET II Capital Fund	1,803	215	200	250	250	250	250	250	3,468
Unrestricted Cumulative Reserve Fund	754	-	-	-	-	-	-	-	754
Total:	3,362	320	305	355	355	355	355	355	5,762

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Victor Steinbrueck Park Renovation

Project No:	MC-PR-16005	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Improved Facility	Location:	2001 Western AVE
Current Project Stage:	Stage 3 - Design	Council District:	Council District 7
Start/End Date:	2013 - 2021	Neighborhood District:	Downtown
Total Project Cost:	\$1,850	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Voter-Approved Levy	-	250	-	-	-	-	-	-	250
Seattle Voter-Approved Levy	817	783	-	-	-	-	-	-	1,600
Total:	817	1,033	-	-	-	-	-	-	1,850
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	817	1,033	-	-	-	-	-	-	1,850
Total:	817	1,033	-	-	-	-	-	-	1,850

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Victor Steinbrueck Parking Envelope

Project No:	MC-PR-41044	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	2001 Western Ave
Current Project Stage:	Stage 3 - Design	Council District:	Council District 7
Start/End Date:	2017 - 2021	Neighborhood District:	Downtown
Total Project Cost:	\$5,000	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	-	1,500	-	-	-	-	-	-	1,500
Real Estate Excise Tax II	345	3,155	-	-	-	-	-	-	3,500
Total:	345	4,655	-	-	-	-	-	-	5,000
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	-	1,500	-	-	-	-	-	-	1,500
REET II Capital Fund	345	3,155	-	-	-	-	-	-	3,500
Total:	345	4,655	-	-	-	-	-	-	5,000

O&M Impacts: NA

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W Magnolia PF South Athletic Field Conversion

Project No:	MC-PR-41066	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Improved Facility	Location:	2550 34th Ave W
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 7
Start/End Date:	2024 - 2026	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$8,875	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	-	-	-	-	-	-	6,217	-	6,217
Real Estate Excise Tax II	-	-	-	-	-	-	2,658	-	2,658
Total:	-	-	-	-	-	-	8,875	-	8,875

Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	-	-	-	-	-	-	6,217	-	6,217
REET II Capital Fund	-	-	-	-	-	-	2,658	-	2,658
Total:	-	-	-	-	-	-	8,875	-	8,875

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Washington Park Arboretum Improvements- 2008 Parks Levy

Project No:	MC-PR-13002	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Improved Facility	Location:	2300 Arboretum DR E
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 3
Start/End Date:	2010 - 2020	Neighborhood District:	East District
Total Project Cost:	\$2,918	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Private Funding/Donations	472	-	-	-	-	-	-	-	472
Seattle Voter-Approved Levy	-	-	-	-	-	-	-	-	-
Seattle Voter-Approved Levy	2,446	-	-	-	-	-	-	-	2,446
Total:	2,918	-	-	-	-	-	-	-	2,918
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	2,918	-	-	-	-	-	-	-	2,918
Total:	2,918	-	-	-	-	-	-	-	2,918

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Woodland Park Zoo Night Exhibit Renovation

Project No:	MC-PR-41046	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	700 N 50th St
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 6
Start/End Date:	2017 - 2020	Neighborhood District:	Lake Union
Total Project Cost:	\$2,795	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Miscellaneous Grants or Donations	387	-	-	-	-	-	-	-	387
Miscellaneous Revenues	77	2,331	-	-	-	-	-	-	2,408
Total:	464	2,331	-	-	-	-	-	-	2,795
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Unrestricted Cumulative Reserve Fund	464	2,331	-	-	-	-	-	-	2,795
Total:	464	2,331	-	-	-	-	-	-	2,795

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Yesler Crescent Improvements

Project No:	MC-PR-21012	BSL Code:	BC-PR-20000
Project Type:	Discrete	BSL Name:	Building For The Future
Project Category:	Improved Facility	Location:	
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 7
Start/End Date:	2019 - 2021	Neighborhood District:	Downtown
Total Project Cost:	\$647	Urban Village:	Downtown

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Voter-Approved Levy	-	272	-	-	-	-	-	-	272
Real Estate Excise Tax II	-	375	-	-	-	-	-	-	375
Total:	-	647	-	-	-	-	-	-	647
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Parks Levy Fund	-	272	-	-	-	-	-	-	272
REET II Capital Fund	-	375	-	-	-	-	-	-	375
Total:	-	647	-	-	-	-	-	-	647

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Zoo Major Maintenance

Project No:	MC-PR-41005	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	601 N 59TH ST
Current Project Stage:	N/A	Council District:	Council District 6
Start/End Date:	N/A	Neighborhood District:	Northwest
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax II	-	1,938	1,938	2,037	2,087	2,140	2,194	2,249	14,583
Seattle Park District Revenues	5,249	787	48	-	-	-	-	-	6,084
Total:	5,249	2,725	1,986	2,037	2,087	2,140	2,194	2,249	20,667
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET II Capital Fund	-	1,938	1,938	2,037	2,087	2,140	2,194	2,249	14,583
Seattle Park District Fund	5,249	787	48	-	-	-	-	-	6,084
Total:	5,249	2,725	1,986	2,037	2,087	2,140	2,194	2,249	20,667

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Center

Overview

Seattle Center’s Capital Improvement Plan (CIP) is at the heart of the Center’s purpose “to create exceptional events, experiences and environments that delight and inspire the human spirit to build stronger communities.” The Center’s CIP repairs, renews, and redevelops the facilities and grounds of Seattle Center to provide a safe and welcoming place for millions of annual visitors.

Seattle Center is a 74-acre campus in the middle of the City. It is the largest visitor destination in Washington state, attracting an estimated 12 million visits each year to attend arts, sporting, educational, and cultural events and festivals, and to enjoy the grounds and open spaces. There are 24 buildings and three parking garages on the campus. Seattle Center is also a major urban park with lawns, gardens, fountains, a children’s play area, and a variety of plazas and open spaces. The Seattle Center Monorail runs between the Seattle Center campus and downtown Seattle. The City owns the Monorail, which is operated by Seattle Monorail Services on behalf of the City. The Space Needle, the Pacific Science Center, the Museum of Pop Culture, the Chihuly Garden and Glass Exhibition, and the Seattle Public Schools’ Memorial Stadium and an adjacent parking lot are also part of the campus but are privately owned and operated.

The origins of a civic campus at Seattle Center go back to the 1920s, with Mayor Bertha Landes presiding over the groundbreaking for the Civic Auditorium, Civic Ice Arena and Civic Field. In the 1930s the Washington State Armory was built. Memorial Stadium was constructed in the 1940s. In the late 1950s and early 1960s the site for the 1962 Seattle World’s Fair was created, expanding the size of the campus to roughly what we know today. One result of this long history as a civic gathering place is aging infrastructure. Some facilities have been significantly renovated (e.g., Civic Auditorium into the Opera House for the World’s Fair, and into McCaw Hall in 2003, and the Civic Ice Arena/Mercer Arena site into the new Seattle Opera at the Center facility in 2018), while others remain in need of major renovation and redevelopment (e.g., Memorial Stadium).

In 2008, following a two-year community process, the City Council adopted the Seattle Center Century 21 Master Plan. The Master Plan provides a roadmap for the redevelopment of Seattle Center around a set of design and planning principles including increased open space; sustainable design and operations; opening the edges of the campus to the surrounding community; enlivening the campus throughout the day; being pedestrian friendly and accessible to all; and continuing to provide a diversity of programming and attractions for all parts of our community. The master plan is expected to be supported, as Seattle Center redevelopment has in the past, by a mix of public and private funding.

In 2015, Seattle Center began a multi-year facility condition assessment (FCA) program to identify current and future capital investment needs. Seattle Center’s Adopted 2020-2025 CIP is in large part driven by the FCA program, with funds allocated for renovation of campus infrastructure, including roofs, elevators, sewer lines, parking structures, and the International Fountain. Seattle Center’s Adopted 2020-2025 CIP Budget is \$63.8 million.

Seattle Center staff plan and implement capital projects to minimize the impact on events that occur throughout the year, including four major festivals between May and September.

Thematic Priorities

Seattle Center’s Adopted 2020-2025 CIP focuses on four primary themes:

- renovating basic infrastructure;
- preparing for a new Arena in the summer of 2021;
- preserving heavily used visitor amenities; and
- planning for the next phase of campus development – Memorial Stadium.

Renovating Basic Infrastructure

Asset preservation investments in campus facilities are at the core of Seattle Center’s CIP. The Adopted 2020-2025 CIP prioritizes needs identified in the latest phase of facility condition assessments including:

- roof replacement for the Cornish Playhouse and Seattle Children’s Theatre;
- Campus HVAC control system upgrades;
- Armory exterior renovation;
- Mercer Garage deferred major maintenance; and
- phased renovation of the International Fountain.

Preparing for a New Arena in 2021

In 2019, construction began on a new, privately-funded Arena. Seattle Center’s Adopted CIP includes several Arena-related elements:

Mercer Garage – The City’s lease agreement with ArenaCo for a privately-funded renovation of the Arena commits the City to operation of the Mercer Garage until 2035. Seattle Center’s CIP prioritizes improvements to the Mercer Garage, including deferred major maintenance repairs and installation of a new Parking Access and Revenue Control (PARC) system in both the Mercer and 5th Avenue North garages in conjunction with ArenaCo installing a compatible system in the First Avenue North garage, in time for the Arena opening in the summer of 2021.

Skatepark Relocation – Seattle Center’s 2019-24 Adopted CIP included funding to replace the former Seattle Center skatepark facility, which was located within the footprint of the new Arena. The replacement skatepark facility is scheduled to open in the summer of 2020. It will be located on a closed portion of Broad Street just east of the main Seattle Center campus. ArenaCo is providing partial funding for skatepark relocation.

Northwest Courtyard – The public open space north of the new Arena will be heavily impacted by Arena construction. The City is renovating the Dupen Fountain and is working in conjunction with ArenaCo on a renovation plan for the upper Northwest Courtyard area, so the quality of the public open space at the north end of the Arena matches that at the west, south and east. Seattle Center’s Adopted CIP includes funding for Northwest Courtyard renovation. Additional funding will come from ArenaCo.

Monorail Station Improvements – In 2018, Seattle Center, in conjunction with Seattle Monorail Services and VIA Architecture, completed a feasibility study for improvements at both Monorail stations that would increase the capacity of the Monorail system to move passengers before and after large events at Seattle Center and to improve the passenger experience. The Monorail Transit Asset Management Plan and Capital and Major Maintenance Program Plan, a 5-year capital plan for the Monorail system, includes \$2.5 million for station improvements.

Preserving Visitor Amenities

To complement the construction of a new, world-class arena, Seattle Center's Adopted CIP prioritizes investments in highly visible and heavily-used free public facilities in order to continue to delight and inspire the millions of annual visitors to the campus. These include:

International Fountain – Voted a few years ago as the top public fountain in the country, the International Fountain is the centerpiece of the Seattle Center campus and a very popular free attraction for the public. Seattle Center's CIP includes funding for phased renovation of International Fountain systems over multiple years.

Dupen Fountain – A short walk from the International Fountain is the Dupen Fountain, a favorite gathering place on the Seattle Center campus since the 1962 World's Fair, featuring the artwork of Everett Dupen. While the adjacent Arena is under construction, Seattle Center will carry out a full renovation of the Dupen Fountain.

Planning for the Next Phase of Campus Development – Memorial Stadium

In follow-up to the November 2017 Public Process Partnership Agreement with Seattle Public Schools, discussions continue between the City and Seattle Public Schools regarding the possible redevelopment and joint use of the Memorial Stadium site. Creating new public open space in the center of the Seattle Center campus is at the heart of the Seattle Center Century 21 Master Plan.

Aligning Capital Investments with Growth and/or Community Planning

The Seattle Center campus is located within the Uptown Urban Center. In 2015-16 Seattle Center participated with the Office of Planning and Community Development (OPCD) and the Uptown community on the development of the Uptown Urban Design Framework (UDF). The design principles of the Seattle Center Century 21 Master Plan are incorporated into the UDF. After completion of the UDF, Seattle Center partnered with OPCD and the Uptown community on the Seattle Center and Uptown Strategic Parking Study and the Uptown Rezone Environmental Impact Statement (EIS) process. Capital projects which invest in the facilities and grounds of the 74-acre Seattle Center campus support the growth of the Uptown Urban Center as well the South Lake Union and Belltown neighborhoods. Capital projects starting or underway in 2020 which support growth in the neighborhoods surrounding Seattle Center include:

- Skatepark Relocation
- Northwest Courtyard Public Open Space Improvements
- Monorail Station Improvements
- Artists at Play Children's Play Area Refurbishment
- International Fountain Improvements
- Memorial Stadium Planning/Seattle Center Century 21 Master Plan Update

Project Selection Criteria

For each two-year budget cycle, a broad cross-section of Seattle Center staff members engage in the process of identifying the highest priority asset preservation and improvement needs on the campus. This includes staff members who maintain facilities, rent facilities to clients, provide technical support for events, manage parking and public assembly facilities, and manage capital projects. Projects are prioritized around a set of criteria, including public and staff safety, regulatory requirements, failing

building systems, asset preservation, master plan implementation, reducing operating costs and/or increasing revenue potential, leveraging non-City funds, and race and social justice. Historically, Center's three operating boards (Armory, Campus, and McCaw Hall) have played a central role in identifying and prioritizing capital needs in the facilities they oversee. The Seattle Center Executive Team takes all of this information and prioritizes projects across the entire Seattle Center campus within funding targets provided. Seattle Center's program of facility condition assessments, utilizing a number of specialty consultants, is a key source of information for identifying current and future capital needs at Seattle Center to inform capital investment priorities.

2020-2025 Adopted CIP Highlights

Seattle Center's Adopted CIP Budget for 2020 is \$11.8 million. The Center's CIP prioritizes funding to address needs identified in the latest phase of facility condition assessments, including roofs, parking structures, and the International Fountain. The CIP also includes funding for asset preservation investments in McCaw Hall and the Monorail, guided by the McCaw Hall Capital Renewal/Major Maintenance Plan and the Seattle Center Monorail Transit Asset Management Plan and Capital and Major Maintenance Program Plan. Asset preservation investments in 2020 include:

Armory – An ongoing program of renovation of the Seattle Center Armory continues in 2020 and is currently focused on an exterior renovation of this 1939 building. REET I funding in 2020 for Armory Rehabilitation is \$720,000. In addition, for the costs of Armory food court renovations completed in 2012, Seattle Center will pay debt service of \$380,000 in 2020. The final debt service payment will be in 2021.

General Site Improvements – In 2020, \$450,000 in REET I funding is allocated for phased renovation of the International Fountain and for campus security and technology infrastructure improvements.

McCaw Hall – Annual REET I allocations for McCaw Hall asset preservation are matched 100% by the resident tenants of McCaw Hall, the Seattle Opera and Pacific Northwest Ballet, to carry out the McCaw Hall Capital Renewal/Major Maintenance Plan, under the direction of the McCaw Hall Operating Board. The total of REET I and privately donated funds for McCaw Hall asset preservation in 2020 is \$614,000.

Monorail Renovation – In 2020, \$1,255,000 of Federal Transit Administration grant funds and local matching funds is allocated to continue implementation of the Seattle Center Monorail Transit Asset Management Plan and Capital and Major Maintenance Program Plan for renovation of the Monorail trains, guideways and stations.

Open Space Restoration and Repair – In 2020, \$900,000 of REET I funding is allocated for renovation of public open spaces, including renovation work in the public open space north of the new Arena, in conjunction with ArenaCo.

Parking Repairs and Improvements – The City's Lease with ArenaCo for the Arena at Seattle Center commits to operation of the Mercer Garage until 2035. Seattle Center's CIP prioritizes the Mercer Garage in 2020, including deferred major maintenance repairs and installation of a new Parking Access and Revenue Control (PARC) system in both the Mercer and 5th Avenue North garages in conjunction with ArenaCo installing a compatible system in the First Avenue North garage, in time for the Arena opening in the summer of 2021. In 2020, \$2,400,000 in REET I funding is allocated for this work.

Roof Replacements – In 2020, \$3,445,000 of REET I funding is allocated for roof replacement at the Cornish Playhouse, the highest priority identified in a facility condition assessment of campus roofs.

Utility Infrastructure – Renovation of campus utility infrastructure in 2020 includes upgrades to the campus Energy Management and Control System, and HVAC efficiency improvements. REET I funding in 2020 for campus utility infrastructure is \$640,000.

Municipal Energy Efficiency Program – The 2020-25 Adopted CIP transfers \$526,105 of Municipal Energy Efficiency Program (MEEP) funding to Seattle Center. Previously, this funding was budgeted centrally in the Department of Finance and Administrative Services. MEEP is managed by the Office of Sustainability and Environment in support of the City’s goal to reduce building energy use and uses REET for its funding source.

CIP Revenue Sources

Seattle Center’s Adopted 2020-2025 CIP is funded from a combination of revenue sources including Real Estate Excise Tax (the primary funding source for 2020-2025), federal grants, and private funds. Over the years other key funding sources for Seattle Center included voter-approved property tax levies, Washington State and King County funds, and proceeds from property sales, in addition to private funds. Following the adoption of the 1990 Seattle Center Master Plan, two voter-approved levies raised \$62 million for implementing the master plan. This amount in turn leveraged \$500 million in non-City funds, including \$440 million from private sources. The Seattle Center campus is experiencing another wave of private investment, including KEXP, the Opera at the Center, Space Needle renovation, and the renovation of the Arena at Seattle Center.

Summary of Upcoming Budget Issues and Challenges

The biggest challenges facing Seattle Center’s CIP are aging infrastructure and funding constraints. Seattle Center buildings date from the 1930s and some underground sewer lines within the campus are over 100 years old. While some facilities have been significantly renovated, others remain in need of major renovation. Seattle Center is carrying out a program of facility condition assessments to identify current and future needs for capital renovation and replacement. The 2020 Adopted CIP addresses priority needs identified in these condition assessments. Additional funding will need to be identified to address future needed asset preservation investments in Seattle Center facilities.

Real estate excise tax is the primary funding source for Seattle Center’s CIP. Real estate markets run in cycles, as Seattle Center experienced from 2009-2012, when annual REET revenue allocated to Seattle Center dropped below \$500,000 in three of the four years. Although City of Seattle REET revenues have been strong in recent years, due to a robust commercial and residential real estate market, an economic downturn could jeopardize this important resource for Seattle Center’s capital work. In the past, Seattle Center has augmented REET funding with proceeds from property sales, voter-approved levies, and private funding. The availability of these other funding sources is uncertain going forward.

In 2008, following a two-year community process, the City Council adopted the Seattle Center Century 21 Master Plan. The Master Plan provides a roadmap for the redevelopment of Seattle Center around a set of design and planning principles. Implementation of the plan is expected to be supported by a mix of public and private funding. A challenge in the coming years is how to fund the remaining vision of the master plan as well as maintain existing capital assets.

Future Projects/What is on the Horizon

In follow-up to the November 2017 Public Process Partnership Agreement with Seattle Public Schools (SPS), discussions continue between the City and Seattle Public Schools regarding redevelopment and joint use of the Memorial Stadium site. Creating new public open space in the center of the Seattle Center campus is at the heart of the Seattle Center Century 21 Master Plan, and is one of the City's priorities for a future City-SPS redevelopment partnership.

Seattle Center skilled trades staff are based in a leased facility located just off the Seattle Center campus. At some point in the future this leased facility will no longer be available. Seattle Center is looking to relocate its skilled trades staff within the Seattle Center campus, perhaps as part of development of the Memorial Stadium site.

A light rail station will be located on or adjacent to the Seattle Center campus as part of Sound Transit 3 (ST3). Seattle Center is participating in Sound Transit's efforts to identify a preferred site for the Seattle Center station and is providing suggestions regarding where station ingress and egress could potentially occur on the Seattle Center campus.

Seattle Center has aging infrastructure dating to the 1930s. Initial facility condition assessment work completed by Seattle Center prioritized funding in 2019 and 2020 for roof replacement, Mercer Garage seismic upgrades, renovation of selected elevators and sewer lines, and renovation of the International Fountain. Seattle Center will need to address other major maintenance needs on the campus in future CIPs.

City Council Changes to Proposed CIP

The City Council adopted corrections to the 2020 Proposed Budget and the 2020 – 2025 Proposed CIP identified by the City Budget Office and Central Staff after the Proposed Budget was transmitted to the Council.

Correction 1. Added \$205,000 appropriation for project manager time to the Seattle Center Public Gathering Space Improvements CIP (MC-SC-S9902). The appropriation authority is in the Seattle Center Fund (11410). This corresponds to appropriations from the Seattle Center Fund shown on the CIP project page for Public Gathering Space Improvements - MC-SC-S9902. The expense will be fully reimbursed by ArenaCo.

Correction 2. Added \$205,000 revenue from reimbursements by ArenaCo, in accordance with Section 15.5 of the Development Agreement between the City of Seattle and ArenaCo for the Arena at Seattle Center (Ordinance 125669). This revenue will pay for the project manager time described above in Correction 1. This corresponds to Private Funding/Donations shown under Resources on the CIP project page for Public Gathering Space Improvements - MC-SC-S9902.

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Building and Campus Improvements (BC-SC-S03P01)									
ADA Improvements (MC-SC-S9302)	2,896	1,989	-	-	-	-	-	-	4,884
Armory Food Court Renovation - Debt Service (MC-SC-S1002)	2,737	382	380	383	-	-	-	-	3,882
Armory Rehabilitation (MC- SC-S9113)	12,362	2,370	720	1,199	1,667	1,610	1,672	1,611	23,210
Artwork Maintenance (MC- SC-S9303)	595	84	30	30	30	30	30	50	879
Fisher Pavilion Asset Preservation (MC-SC-S0701)	64	241	-	50	50	50	50	100	605
General Site Improvements (MC-SC-S0305)	2,987	1,163	450	550	450	450	650	670	7,371
Lot 2 Development (MC-SC- S0501)	6,319	97	-	-	-	-	-	-	6,416
Municipal Energy Efficiency Program (MC-SC-S1003)	438	884	526	-	-	-	-	-	1,849
Open Space Restoration and Repair (MC-SC-S9704)	8,688	2,135	900	1,725	1,616	1,300	1,653	1,592	19,609
Parking Repairs and Improvements (MC-SC- S0301)	2,352	7,511	2,400	-	500	400	550	567	14,280
Preliminary Engineering and Planning (MC-SC-S9706)	2,087	469	125	125	125	125	125	150	3,332
Public Gathering Space Improvements (MC-SC- S9902)	7,736	1,585	305	955	1,499	1,427	1,480	1,410	16,397
Roof/Structural Replacement and Repair (MC-SC-S9701)	8,708	742	3,445	2,141	540	1,550	574	591	18,291
Seattle Center Long Range Investment Plan (MC-SC- S0703)	2,746	1,311	-	-	-	-	-	-	4,057
Site Signage (MC-SC-S9118)	3,161	521	-	125	125	125	125	250	4,432
Skatepark Relocation (MC-SC- S1901)	18	2,182	-	-	-	-	-	-	2,200
Theatre Improvements and Repairs (MC-SC-S9604)	3,779	63	-	-	-	100	100	100	4,142

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Utility Infrastructure Restoration and Repairs (MC- SC-S0101)	6,587	1,873	640	713	2,027	1,464	1,622	1,559	16,485
Building and Campus Improvements Total	74,261	25,603	9,921	7,996	8,629	8,631	8,631	8,650	152,322
McCaw Hall Capital Reserve (BC-SC-S0303)									
McCaw Hall Asset Preservation (MC-SC-S0303)	3,080	2,578	614	632	650	671	691	711	9,627
McCaw Hall Capital Reserve Total	3,080	2,578	614	632	650	671	691	711	9,627
Monorail Rehabilitation (BC-SC-S9403)									
Monorail Improvements (MC- SC-S9403)	15,519	6,393	1,255	1,255	1,255	1,255	1,255	1,255	29,441
Monorail Rehabilitation Total	15,519	6,393	1,255	1,255	1,255	1,255	1,255	1,255	29,441
Seattle Center Total	92,860	34,573	11,790	9,883	10,534	10,557	10,577	10,616	191,390

*Amounts in thousands of dollars.

Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
00100 - General Fund	1,144	1,203	-	-	-	-	-	-	2,346
00138 - KeyArena Settlement Proceeds Fund	270	-	-	-	-	-	-	-	270
00164 - Unrestricted Cumulative Reserve Fund	23,150	3,515	130	130	130	130	130	150	27,465
11410 - Seattle Center Fund	42	4,167	1,460	1,410	1,255	1,255	1,255	1,255	12,099
11420 - Seattle Center KeyArena Fund	179	0	-	-	-	-	-	-	179
30010 - REET I Capital Fund	30,639	22,335	9,586	7,711	8,499	8,501	8,501	8,500	104,272
30020 - REET II Capital Fund	175	-	-	-	-	-	-	-	175
33000 - Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed)	3,068	-	-	-	-	-	-	-	3,068
34060 - Seattle Center Capital Reserve	13,831	579	-	-	-	-	-	-	14,410
34070 - McCaw Hall Capital Reserve	2,780	2,578	614	632	650	671	691	711	9,327
34700 - 2002 Multipurpose LTGO Bond Fund	5,388	-	-	-	-	-	-	-	5,388
34800 - 2003 Multipurpose LTGO Bond Fund	7,043	-	-	-	-	-	-	-	7,043
35100 - 2007 Multipurpose LTGO Bond Fund	4,713	-	-	-	-	-	-	-	4,713
35500 - 2011 Multipurpose LTGO Bond Fund	438	196	-	-	-	-	-	-	635
Seattle Center Total	92,860	34,573	11,790	9,883	10,534	10,557	10,577	10,616	191,390

*Amounts in thousands of dollars.

ADA Improvements

Project No:	MC-SC-S9302	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Campus
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Property Sales and Interest Earnings	241	-	-	-	-	-	-	-	241
Real Estate Excise Tax I	2,480	1,989	-	-	-	-	-	-	4,468
Real Estate Excise Tax II	175	-	-	-	-	-	-	-	175
Total:	2,896	1,989	-	-	-	-	-	-	4,884
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	2,480	1,989	-	-	-	-	-	-	4,468
REET II Capital Fund	175	-	-	-	-	-	-	-	175
Unrestricted Cumulative Reserve Fund	241	-	-	-	-	-	-	-	241
Total:	2,896	1,989	-	-	-	-	-	-	4,884

O&M Impacts: No expected impact on O&M costs.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Armory Food Court Renovation - Debt Service

Project No:	MC-SC-S1002	BSL Code:	BC-SC-S03P01
Project Type:	Debt Service	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	305 Harrison St
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	2011 - 2021	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$3,881	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	2,737	382	380	383	-	-	-	-	3,882
Total:	2,737	382	380	383	-	-	-	-	3,882
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	2,737	382	380	383	-	-	-	-	3,882
Total:	2,737	382	380	383	-	-	-	-	3,882

O&M Impacts: No impact.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Armory Rehabilitation

Project No:	MC-SC-S9113	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	305 Harrison St
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	1,233	-	-	-	-	-	-	-	1,233
Property Sales and Interest Earnings	3,632	-	-	-	-	-	-	-	3,632
Real Estate Excise Tax I	5,035	2,370	720	1,199	1,667	1,610	1,672	1,611	15,883
Seattle Voter-Approved Levy	2,462	-	-	-	-	-	-	-	2,462
Total:	12,362	2,370	720	1,199	1,667	1,610	1,672	1,611	23,210
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
1991 Levy Fund (Closed)	2,462	-	-	-	-	-	-	-	2,462
2002 Multipurpose LTGO Bond Fund	1,233	-	-	-	-	-	-	-	1,233
REET I Capital Fund	5,035	2,370	720	1,199	1,667	1,610	1,672	1,611	15,883
Unrestricted Cumulative Reserve Fund	3,632	-	-	-	-	-	-	-	3,632
Total:	12,362	2,370	720	1,199	1,667	1,610	1,672	1,611	23,210

O&M Impacts: No expected impact on O&M costs.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Artwork Maintenance

Project No:	MC-SC-S9303	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Campus
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Private Funding/Donations	5	-	-	-	-	-	-	-	5
Property Sales and Interest Earnings	559	84	30	30	30	30	30	50	843
Real Estate Excise Tax I	31	-	-	-	-	-	-	-	31
Total:	595	84	30	30	30	30	30	50	879
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	31	-	-	-	-	-	-	-	31
Unrestricted Cumulative Reserve Fund	564	84	30	30	30	30	30	50	848
Total:	595	84	30	30	30	30	30	50	879

O&M Impacts: No expected impact on O&M costs.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fisher Pavilion Asset Preservation

Project No:	MC-SC-S0701	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	200 Thomas St
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	Uptown

This project provides for asset preservation investments in Fisher Pavilion, a public assembly facility completed in 2002.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	64	241	-	50	50	50	50	100	605
Total:	64	241	-	50	50	50	50	100	605
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	64	241	-	50	50	50	50	100	605
Total:	64	241	-	50	50	50	50	100	605

O&M Impacts: No expected impact on O&M costs.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

General Site Improvements

Project No:	MC-SC-S0305	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Campus
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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, technology and security system upgrades, and renovation of fountains, site amenities and open spaces.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Federal Grant Funds	615	-	-	-	-	-	-	-	615
General Fund	178	-	-	-	-	-	-	-	178
LTGO Bond Proceeds	109	-	-	-	-	-	-	-	109
Property Sales and Interest Earnings	820	-	-	-	-	-	-	-	820
Real Estate Excise Tax I	1,265	1,163	450	550	450	450	650	670	5,649
Total:	2,987	1,163	450	550	450	450	650	670	7,371
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2002 Multipurpose LTGO Bond Fund	109	-	-	-	-	-	-	-	109
REET I Capital Fund	1,265	1,163	450	550	450	450	650	670	5,649
Seattle Center Capital Reserve	820	-	-	-	-	-	-	-	820
Unrestricted Cumulative Reserve Fund	793	-	-	-	-	-	-	-	793
Total:	2,987	1,163	450	550	450	450	650	670	7,371

O&M Impacts: No expected impact on O&M costs.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Lot 2 Development

Project No:	MC-SC-S0501	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	New Facility	Location:	500 5th Ave N
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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. All sale-related activities are completed with the exception of groundwater remediation and monitoring, expected to continue until 2025.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Private Funding/Donations	53	-	-	-	-	-	-	-	53
Property Sales and Interest Earnings	5,466	97	-	-	-	-	-	-	5,563
Real Estate Excise Tax I	800	-	-	-	-	-	-	-	800
Total:	6,319	97	-	-	-	-	-	-	6,416
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	800	-	-	-	-	-	-	-	800
Seattle Center Capital Reserve	5,519	97	-	-	-	-	-	-	5,616
Total:	6,319	97	-	-	-	-	-	-	6,416

O&M Impacts: No expected impact on O&M costs.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

McCaw Hall Asset Preservation

Project No:	MC-SC-S0303	BSL Code:	BC-SC-S0303
Project Type:	Ongoing	BSL Name:	McCaw Hall Capital Reserve
Project Category:	Rehabilitation or Restoration	Location:	321 Mercer St
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Energy Rebates	3	-	-	-	-	-	-	-	3
Interest Earnings	101	54	16	16	16	17	17	17	254
Private Funding/Donations	1,379	1,262	299	308	317	327	337	347	4,576
Real Estate Excise Tax I	1,597	1,262	299	308	317	327	337	347	4,794
Total:	3,080	2,578	614	632	650	671	691	711	9,627
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
McCaw Hall Capital Reserve	2,780	2,578	614	632	650	671	691	711	9,327
REET I Capital Fund	300	-	-	-	-	-	-	-	300
Total:	3,080	2,578	614	632	650	671	691	711	9,627

O&M Impacts: No expected impact on O&M costs.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Monorail Improvements

Project No:	MC-SC-S9403	BSL Code:	BC-SC-S9403
Project Type:	Ongoing	BSL Name:	Monorail Rehabilitation
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Monorail System
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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, floor replacement, door refurbishment, renovation of pneumatic and electrical systems and other train components, guideway renovation, and station upgrades.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Federal ARRA Funds: FTA Transit Capital Assistance	1,000	-	-	-	-	-	-	-	1,000
Federal Grant Funds	7,494	4,714	1,004	1,004	1,004	1,004	1,004	1,004	18,232
Interdepartmental Transfer - SDOT	-	500	-	-	-	-	-	-	500
LTGO Bond Proceeds	5,188	-	-	-	-	-	-	-	5,188
Miscellaneous Revenues	1,837	1,179	251	251	251	251	251	251	4,521
Total:	15,519	6,393	1,255	1,255	1,255	1,255	1,255	1,255	29,441
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2003 Multipurpose LTGO Bond Fund	475	-	-	-	-	-	-	-	475
2007 Multipurpose LTGO Bond Fund	4,713	-	-	-	-	-	-	-	4,713
Seattle Center Fund	-	3,160	1,255	1,255	1,255	1,255	1,255	1,255	10,690
Unrestricted Cumulative Reserve Fund	10,331	3,233	-	-	-	-	-	-	13,563
Total:	15,519	6,393	1,255	1,255	1,255	1,255	1,255	1,255	29,441

O&M Impacts: No expected impact on O&M costs.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Municipal Energy Efficiency Program

Project No:	MC-SC-S1003	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Campus
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	438	196	-	-	-	-	-	-	635
Real Estate Excise Tax I	-	688	526	-	-	-	-	-	1,214
Total:	438	884	526	-	-	-	-	-	1,849
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2011 Multipurpose LTGO Bond Fund	438	196	-	-	-	-	-	-	635
REET I Capital Fund	-	688	526	-	-	-	-	-	1,214
Total:	438	884	526	-	-	-	-	-	1,849

O&M Impacts: Projects reduce energy use.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Open Space Restoration and Repair

Project No:	MC-SC-S9704	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Campus
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	1,175	-	-	-	-	-	-	-	1,175
Private Funding/Donations	25	-	-	-	-	-	-	-	25
Property Sales and Interest Earnings	3,192	-	-	-	-	-	-	-	3,192
Real Estate Excise Tax I	4,296	2,135	900	1,725	1,616	1,300	1,653	1,592	15,217
Total:	8,688	2,135	900	1,725	1,616	1,300	1,653	1,592	19,609
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2002 Multipurpose LTGO Bond Fund	1,175	-	-	-	-	-	-	-	1,175
REET I Capital Fund	4,296	2,135	900	1,725	1,616	1,300	1,653	1,592	15,217
Seattle Center Capital Reserve	1,215	-	-	-	-	-	-	-	1,215
Unrestricted Cumulative Reserve Fund	2,002	-	-	-	-	-	-	-	2,002
Total:	8,688	2,135	900	1,725	1,616	1,300	1,653	1,592	19,609

O&M Impacts: No expected impact on O&M costs.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Parking Repairs and Improvements

Project No:	MC-SC-S0301	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Campus
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Property Sales and Interest Earnings	960	-	-	-	-	-	-	-	960
Real Estate Excise Tax I	1,392	7,511	2,400	-	500	400	550	567	13,320
Total:	2,352	7,511	2,400	-	500	400	550	567	14,280
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	1,392	7,511	2,400	-	500	400	550	567	13,320
Seattle Center Capital Reserve	800	-	-	-	-	-	-	-	800
Unrestricted Cumulative Reserve Fund	160	-	-	-	-	-	-	-	160
Total:	2,352	7,511	2,400	-	500	400	550	567	14,280

O&M Impacts: No expected impact on O&M costs.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Preliminary Engineering and Planning

Project No:	MC-SC-S9706	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Campus
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Property Sales and Interest Earnings	557	-	-	-	-	-	-	-	557
Real Estate Excise Tax I	1,530	469	125	125	125	125	125	150	2,775
Total:	2,087	469	125	125	125	125	125	150	3,332
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	1,530	469	125	125	125	125	125	150	2,775
Unrestricted Cumulative Reserve Fund	557	-	-	-	-	-	-	-	557
Total:	2,087	469	125	125	125	125	125	150	3,332

O&M Impacts: No impact.

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Public Gathering Space Improvements

Project No:	MC-SC-S9902	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Campus
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	140	-	-	-	-	-	-	-	140
Private Funding/Donations	1,227	899	205	155	-	-	-	-	2,486
Property Sales and Interest Earnings	2,856	175	100	100	100	100	100	100	3,631
Real Estate Excise Tax I	3,513	511	-	700	1,399	1,327	1,380	1,310	10,140
Total:	7,736	1,585	305	955	1,499	1,427	1,480	1,410	16,397
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2002 Multipurpose LTGO Bond Fund	140	-	-	-	-	-	-	-	140
General Fund	1,125	721	-	-	-	-	-	-	1,846
REET I Capital Fund	3,513	511	-	700	1,399	1,327	1,380	1,310	10,140
Seattle Center Capital Reserve	1,280	-	-	-	-	-	-	-	1,280
Seattle Center Fund	42	178	205	155	-	-	-	-	580
Unrestricted Cumulative Reserve Fund	1,636	175	100	100	100	100	100	100	2,411
Total:	7,736	1,585	305	955	1,499	1,427	1,480	1,410	16,397

O&M Impacts: No expected impact on O&M costs.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Roof/Structural Replacement and Repair

Project No:	MC-SC-S9701	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Campus
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	6,780	-	-	-	-	-	-	-	6,780
Property Sales and Interest Earnings	1,154	-	-	-	-	-	-	-	1,154
Real Estate Excise Tax I	774	742	3,445	2,141	540	1,550	574	591	10,357
Total:	8,708	742	3,445	2,141	540	1,550	574	591	18,291
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2002 Multipurpose LTGO Bond Fund	450	-	-	-	-	-	-	-	450
2003 Multipurpose LTGO Bond Fund	6,330	-	-	-	-	-	-	-	6,330
REET I Capital Fund	774	742	3,445	2,141	540	1,550	574	591	10,357
Unrestricted Cumulative Reserve Fund	1,154	-	-	-	-	-	-	-	1,154
Total:	8,708	742	3,445	2,141	540	1,550	574	591	18,291

O&M Impacts: No expected impact on O&M costs.

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Seattle Center Long Range Investment Plan

Project No:	MC-SC-S0703	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Improved Facility	Location:	Seattle Center Campus
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	Uptown

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Key Arena Settlement Subfund Revenue	270	-	-	-	-	-	-	-	270
Property Sales and Interest Earnings	1,894	-	-	-	-	-	-	-	1,894
Seattle Center Fund	582	1,311	-	-	-	-	-	-	1,893
Total:	2,746	1,311	-	-	-	-	-	-	4,057
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
KeyArena Settlement Proceeds Fund	270	-	-	-	-	-	-	-	270
Seattle Center Capital Reserve	2,297	481	-	-	-	-	-	-	2,779
Seattle Center Fund	-	829	-	-	-	-	-	-	829
Seattle Center KeyArena Fund	179	-	-	-	-	-	-	-	179
Total:	2,746	1,311	-	-	-	-	-	-	4,057

O&M Impacts: No impact.

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Site Signage

Project No:	MC-SC-S9118	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Campus
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Property Sales and Interest Earnings	2,385	-	-	-	-	-	-	-	2,385
Real Estate Excise Tax I	170	521	-	125	125	125	125	250	1,441
Seattle Voter-Approved Levy	606	-	-	-	-	-	-	-	606
Total:	3,161	521	-	125	125	125	125	250	4,432
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
1991 Levy Fund (Closed)	606	-	-	-	-	-	-	-	606
REET I Capital Fund	170	521	-	125	125	125	125	250	1,441
Seattle Center Capital Reserve	1,900	-	-	-	-	-	-	-	1,900
Unrestricted Cumulative Reserve Fund	485	-	-	-	-	-	-	-	485
Total:	3,161	521	-	125	125	125	125	250	4,432

O&M Impacts: No expected impact on O&M costs.

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Skatepark Relocation

Project No:	MC-SC-S1901	BSL Code:	BC-SC-S03P01
Project Type:	Discrete	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Campus
Current Project Stage:	Stage 3 - Design	Council District:	Council District 7
Start/End Date:	2018 - 2020	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$2,200	Urban Village:	Uptown

This project provides for the replacement of the former Seattle Center Skatepark at a new location on a closed portion of Broad Street, just east of the main Seattle Center campus. The former skatepark was within the footprint of the Arena construction project. ArenaCo, the developer of the Arena, is contributing to the cost of the skatepark replacement.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Private Funding/Donations	18	482	-	-	-	-	-	-	500
Real Estate Excise Tax I	-	1,700	-	-	-	-	-	-	1,700
Total:	18	2,182	-	-	-	-	-	-	2,200
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	18	482	-	-	-	-	-	-	500
REET I Capital Fund	-	1,700	-	-	-	-	-	-	1,700
Total:	18	2,182	-	-	-	-	-	-	2,200

O&M Impacts: To be determined once new skatepark is completed and in use.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Theatre Improvements and Repairs

Project No:	MC-SC-S9604	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Campus
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	1,130	-	-	-	-	-	-	-	1,130
Property Sales and Interest Earnings	1,595	24	-	-	-	-	-	-	1,619
Real Estate Excise Tax I	1,054	39	-	-	-	100	100	100	1,393
Total:	3,779	63	-	-	-	100	100	100	4,142
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2002 Multipurpose LTGO Bond Fund	1,130	-	-	-	-	-	-	-	1,130
REET I Capital Fund	1,054	39	-	-	-	100	100	100	1,393
Unrestricted Cumulative Reserve Fund	1,595	24	-	-	-	-	-	-	1,619
Total:	3,779	63	-	-	-	100	100	100	4,142

O&M Impacts: No expected impact on O&M costs.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Utility Infrastructure Restoration and Repairs

Project No:	MC-SC-S0101	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center Campus
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	Uptown

This ongoing project funds the repair, renovation and upgrade of utility infrastructure at Seattle Center. Utility infrastructure includes chilled water and steam lines, water and sewer lines, electrical equipment, communication lines, fire alarms, access control 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	1,389	-	-	-	-	-	-	-	1,389
Real Estate Excise Tax I	5,198	1,873	640	713	2,027	1,464	1,622	1,559	15,096
Total:	6,587	1,873	640	713	2,027	1,464	1,622	1,559	16,485
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2002 Multipurpose LTGO Bond Fund	1,151	-	-	-	-	-	-	-	1,151
2003 Multipurpose LTGO Bond Fund	238	-	-	-	-	-	-	-	238
REET I Capital Fund	5,198	1,873	640	713	2,027	1,464	1,622	1,559	15,096
Total:	6,587	1,873	640	713	2,027	1,464	1,622	1,559	16,485

O&M Impacts: No expected impact on O&M costs.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

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 an extensive, system-wide capital program, known as "Libraries for All" (LFA). The LFA program increased the amount of physical space by 80% to a total of over 600,000 square feet, greatly increasing the demands on the Library's major maintenance program.

The subsequent 2012 Library Levy provided an essential seven-year funding stream to maintain the five new and 22 updated libraries that had been renovated, expanded or replaced during LFA. While the 2012 levy concludes at the end of 2019, voters approved a new 2019 Library Levy which will continue funding the Library's asset preservation program as well as seismic retrofits at three century-old Carnegie-era branches.

The Library's buildings can be divided into four major categories:

1. There are ten buildings designated as historic landmarks, including seven Carnegie-era libraries (built in the early 1900s) and three modern buildings.
2. Eleven branch libraries are either LFA new construction (eight buildings) or non-landmarked buildings developed between the 1950s and the 1970s (three buildings).
3. Five small library branches are essentially storefronts, four of which are part of larger buildings.
4. The Central Library is a 12-story 363,000 square foot building that serves as headquarters and hub of the library system. It houses the materials distribution system, Library administration, a 425-seat auditorium and public meeting rooms, large public areas for reading and access to 330 public computers, a data center housing system-wide servers, and the Central Library collection of books and materials.

The Library Major Maintenance program provides ongoing funding for work that preserves or improves building integrity, efficiency and functionality.

Thematic Priorities

The Library's Capital Improvement Program (CIP) projects generally fall into one or more categories: asset preservation, operational efficiency, environmental stability, public service improvements, and safety and security.

Asset Preservation

The overriding priority of the Library's capital program is to extend the useful life of its buildings. Roughly \$3 million of the Library's \$3.69 million 2019 Library Levy planning capital spending for 2020 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.

New 2020 projects include major mechanical system/HVAC maintenance scheduled for Ballard, Fremont and Greenwood branches; roof repairs and fall protection for Lake City; interior refresh/refurbishment for Northeast and Queen Anne; and carpet/flooring at Southwest. Multi-year projects at branches that may carry into 2020 include window restoration at two century-old Carnegie branches (Queen Anne, West Seattle) and exterior work/access improvements at the Douglass-Truth branch. At Central Library, several projects that were in the planning stages during 2019 will move to construction in 2020, including upgrades to the freight/materials elevator; security camera upgrades throughout the building; parking garage door replacement; and 4th Avenue plaza berm repair.

While these projects are essential for preserving the Library's physical assets, many of them also contribute to the Library system's other essential themes: operational efficiency, environmental sustainability, and improved service to the public.

Library Operational Efficiency; Environmental Sustainability; Safety and Security of Public/Staff

The Library delivers direct services to Seattle residents, who expect highly functional and welcoming library buildings. Major maintenance work carried out under these priorities supports:

- upgrades to help the Library reduce operating costs while minimizing impact to the public;
- renovations to enhance the environmental sustainability of Library buildings; and
- repairs and improvements that augment the safety of library facilities (immediate safety concerns and building integrity are highest priority).

The most significant 2020 projects in this area, totaling \$600,000, are security upgrades throughout the system and upgraded security cameras and servers for Central.

Public Service Improvements

There are no specific "Reimagining Spaces" projects scheduled for 2020, though scheduled asset preservation projects will also likely improve the patron experience at several branches, including the interior refresh/refurbishment efforts planned for Northeast and Queen Anne branches, and new carpet/flooring at Southwest. Larger scale public service improvements will happen concurrently with the three projects to improve seismic stability (Green Lake, University and Columbia) scheduled over the life of the seven-year renewal levy.

Project Selection Criteria

In selecting major maintenance work to accomplish each year, the Library evaluates the preservation of building integrity, impact on safety to the public and staff, importance of the work to core library building functions, operational efficiency gains (both economic and environmental), and opportunities to improve or preserve service to the public.

The Library conducts condition assessments and updates information based on inspection by the capital program manager and facilities maintenance staff. The Library obtains professional evaluations of roofs, mechanical, HVAC and lighting systems to flag deficiencies and identify areas where the capital program may be able to reduce operating costs. Library public services managers develop proposals to change

the functional use of library space. These proposals are evaluated for feasibility, cost and urgency, and the capital program works with Library services managers to scope alternatives. Public input also plays a role in project planning. The Library leadership team has ultimate responsibility for authorizing and prioritizing functional building modifications.

Many library facilities are open seven days per week, which requires careful planning and staging of projects to keep libraries open as much as possible while capital improvement work is underway. Flexibility is critical to respond to building issues as they emerge.

CIP Highlights

The first year of the Library's 2020-2025 CIP provides a base level of support for asset management during the period when all buildings have surpassed the ten-year mark from their LFA construction or renovation. The 2019 Library Levy provides \$3.69 million and Real Estate Excise Tax (REET) provides \$578,000 for a total of \$4,768,000 in 2020.

Several projects planned for 2019 (the final year of the 2012 levy) will carry into 2020. Multi-year projects at branches that may carry over from 2019 into 2020 include window restoration at two century-old Carnegie branches (Queen Anne, West Seattle) and exterior work and access improvements at Douglass-Truth. Roof, envelope and window repair necessary at Green Lake, University and Columbia branches had been in various planning stages; that work will now be integrated into each branch's seismic retrofit, which will be predominantly funded by the 2019 Library Levy over the next seven years. New 2020 projects include major mechanical system/HVAC maintenance is scheduled for Ballard, Fremont and Greenwood branches. Roof repairs and fall protection work are planned for Lake City. Interior refresh/refurbishment is slated for Northeast and Queen Anne, carpet/flooring is scheduled for Southwest. System-wide AMAG security upgrades are also planned for 2020.

The iconic Central Library often requires a significant portion of CIP funds, usually distributed over multi-year projects. Historically, larger, complex and challenging projects have been planned and staged sequentially to minimize the impact on Library services to patrons. Several projects that were in the planning stages during 2019 will move to construction in 2020, including upgrades to the freight/materials elevator; security camera upgrades throughout the building; parking garage door replacement; and 4th Avenue plaza berm repair.

REET revenue plays a vital role in supporting projects that are beyond the scope of the Library's Levy-funded major maintenance program. The REET appropriated in 2020 in the Library's CIP will be used for the Library's upcoming seismic projects for buildings with unreinforced masonry (URM).

CIP Revenue Sources

Historically, Real Estate Excise Tax (REET) was the primary source of funding for the Library's CIP, with an additional smaller allocation from the General Fund. In 2012, the Library worked with the Mayor and City Council to develop a Library Levy proposal that voters approved in August of that year. One of the core areas the levy funds is major maintenance. Upon passage of the 2012 Library Levy, the City shifted most major maintenance funding from REET/General Fund to the levy, which provided a significant increase in major maintenance funding for major maintenance. The 2019 Library Levy continues support to preserve the Library's capital assets including significant investments in seismic upgrades for three

branches.

Levy funding is insufficient to fully cover costs associated with programmatically driven or reimagining projects, significant building infrastructure renovations, or replacement of major building systems at the Central Library and larger branches. Since passage of 2012 Levy, Real Estate Excise Tax revenue has continued to provide additional funding for targeted efforts, such as the Library's Reimagining Spaces initiative (which aims to enhance Library physical spaces to better address patron and community needs) or large-scale major maintenance requirements not anticipated during the planning of the levy. The Adopted 2020-2025 CIP continues REET support for Library capital projects and will be used for upcoming seismic-retrofit projects.

Summary of Upcoming Budget Issues and Challenges

Aging Buildings and Infrastructure

Library buildings are the most intensively-used City facilities in Seattle. The Central Library hosts over 1.3 million visitors annually, with library branches serving over 3.8 million visitors. The Library's historic landmark buildings have unique features such as brick facades, slate roofs and other details. It is important to use designs and materials consistent with their landmark status – all factors that increase major maintenance costs. The Central Library poses a different set of challenges. A building of its size, complexity and intensity of use requires significant annual major maintenance to preserve core functionality and continually improve building efficiency. All of these factors were considered in establishing the major maintenance component of the 2012 Library Levy and the 2019 Library Levy.

The LFA improvement projects were completed on a rolling basis over the course of a decade starting in the late 1990s, and a dozen years have 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 has updated the prospective schedule of major maintenance for the levy renewal. 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 continually assesses the status of many of its systems at this point and will replace, repair or upgrade components as warranted.

Seismic Preparedness

A 2016 survey conducted by the Seattle Department of Construction and Inspections (SDCI) identified seven unreinforced masonry (URM) facilities in the Library's property portfolio requiring seismic retrofit to reduce the risk of injury and loss of life during an earthquake. The survey classified buildings into three categories of vulnerability (critical, high, and medium) with regard to life safety impacts. Three of the seven Library facilities - Green Lake, University and Columbia - fell within the high-vulnerability category (with the balance in the medium-vulnerability category) and the Library Board of Directors identified those branches as a critical issue to be addressed. The 2019 Library Levy funds seismic retrofits for those three Carnegie-era branches over the next seven years, with \$500,000 in planning funds allocated for 2020.

As the URM projects will necessitate closure of the branches for a year or more, other needed building improvements will also be scheduled concurrently. Work may entail roof and envelope restoration; elevator and mechanical system upgrades; interior renovation (including electrical, carpeting, furniture and finishes); and efforts to ensure ADA compliance and equitable access.

Adjusting to a Changing Climate

The Library is also adapting to a changing climate. Several branches – including most of the landmarked branches – are not air-conditioned, and rising summer temperatures can lead to closures which impact patrons and Library operations. The Library is exploring logistics and funding options to add air conditioning to high-use branches that currently lack air-conditioning.

Future Projects / What is on the Horizon

Offsite Multi-Use Facility

For the past several years, the Library has sought a permanent location for its off-site maintenance shop, storage functions and Library delivery vehicle parking. The Library is in the fourth year of its five-year lease at 6345 6th Avenue South; the facility is being used to consolidate the Library’s building maintenance, custodial, landscaping and storage facilities in the near-term. While the Library would prefer to own (rather than lease) such a multi-use facility, this lease provides time for the Library to continue its search for a permanent site with the assistance of the Department of Finance and Administration’s Property Management Division. Ideally, a permanent site would allow flexibility to add other services as operational needs evolve. Proceeds from the 2017 sale of the Library’s Queen Anne Storage facility, as well as funds from property sales during the Library’s “Library’s For All” initiative, will be used to offset the cost of purchasing a new multi-use facility.

City Council Changes to the Proposed CIP

The City Council made no changes to the Proposed CIP.

City Council Provisos to the CIP

There are no Council provisos.

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Capital Improvements (BC-PL-B3000)									
ADA Improvements - Library (MC-PL-B3012)	946	109	-	-	-	-	-	-	1,055
Central Library Infrastructure Improvements (MC-PL- B3013)	1,617	-	-	-	-	-	-	-	1,617
Library Major Maintenance (MC-PL-B3011)	22,498	11,277	4,768	7,597	5,784	7,910	5,877	9,136	74,847
Capital Improvements Total	25,061	11,386	4,768	7,597	5,784	7,910	5,877	9,136	77,519
Seattle Public Library Total	25,061	11,386	4,768	7,597	5,784	7,910	5,877	9,136	77,519

**Amounts in thousands of dollars.*

Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
00100 - General Fund	440	-	-	-	-	-	-	-	440
10410 - Library Fund	-	2,855	-	-	-	-	-	-	2,855
15350 - Library Trust & Memorial Fund	-	1,130	-	-	-	-	-	-	1,130
18100 - 2012 Library Levy Fund	16,745	5,267	-	-	-	-	-	-	22,012
18200 - 2019 Library Levy Fund	-	-	4,190	6,837	5,024	7,150	5,244	8,489	36,934
30010 - REET I Capital Fund	7,876	2,135	578	760	760	760	633	647	14,149
Seattle Public Library Total	25,061	11,386	4,768	7,597	5,784	7,910	5,877	9,136	77,519

*Amounts in thousands of dollars.

ADA Improvements - Library

Project No:	MC-PL-B3012	BSL Code:	BC-PL-B3000
Project Type:	Ongoing	BSL Name:	Capital Improvements
Project Category:	Improved Facility	Location:	Various Locations
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	946	109	-	-	-	-	-	-	1,055
Total:	946	109	-	-	-	-	-	-	1,055
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	946	109	-	-	-	-	-	-	1,055
Total:	946	109	-	-	-	-	-	-	1,055

O&M Impacts:

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Central Library Infrastructure Improvements

Project No:	MC-PL-B3013	BSL Code:	BC-PL-B3000
Project Type:	Ongoing	BSL Name:	Capital Improvements
Project Category:	Improved Facility	Location:	Central Library 1000 4th Ave
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	1,617	-	-	-	-	-	-	-	1,617
Total:	1,617	-	-	-	-	-	-	-	1,617
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	1,617	-	-	-	-	-	-	-	1,617
Total:	1,617	-	-	-	-	-	-	-	1,617

O&M Impacts:

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Library Major Maintenance

Project No:	MC-PL-B3011	BSL Code:	BC-PL-B3000
Project Type:	Ongoing	BSL Name:	Capital Improvements
Project Category:	Rehabilitation or Restoration	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2019 Library Levy Funding	-	-	4,190	6,837	5,024	7,150	5,244	8,489	36,934
General Fund	440	2,855	-	-	-	-	-	-	3,295
Private Funding/Donations	-	1,130	-	-	-	-	-	-	1,130
Real Estate Excise Tax I	5,313	2,026	578	760	760	760	633	647	11,477
Seattle Voter-Approved Levy	2,793	5,267	-	-	-	-	-	-	8,060
Seattle Voter-Approved Levy	13,952	-	-	-	-	-	-	-	13,952
Total:	22,498	11,277	4,768	7,597	5,784	7,910	5,877	9,136	74,847
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2012 Library Levy Fund	16,745	5,267	-	-	-	-	-	-	22,012
2019 Library Levy Fund	-	-	4,190	6,837	5,024	7,150	5,244	8,489	36,934
General Fund	440	-	-	-	-	-	-	-	440
Library Fund	-	2,855	-	-	-	-	-	-	2,855
Library Trust & Memorial Fund	-	1,130	-	-	-	-	-	-	1,130
REET I Capital Fund	5,313	2,026	578	760	760	760	633	647	11,477
Total:	22,498	11,277	4,768	7,597	5,784	7,910	5,877	9,136	74,847

O&M Impacts:

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

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 builds 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 \$23 billion. Major system assets include:

- 1,548 lane-miles of arterial streets;
- 2,396 lane-miles of non-arterial streets;
- 124 bridges;
- 502 stairways;
- 613 retaining walls;
- 22 miles of seawalls;
- 1,085 signalized intersections;
- 46 miles of multi-purpose trails;
- 361 miles of on-street bicycle facilities;
- more than 191,000 signs;
- 41,000 street trees;
- 1,581 pay stations;
- 2,293 miles of sidewalks; and
- 31,319 curb ramps.

The 2020 Adopted Budget and the 2020-2025 Adopted 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 Seattle is experiencing significant population growth and increasing density; to address these changes, the adopted CIP includes investments to move people and goods efficiently. SDOT is working hard to develop facilities to move people and freight. Transit projects are on the forefront with numerous projects to support transit services including a new pedestrian bridge to facilitate non-motorized travel to the new Northgate Light Rail Station, a multimodal corridor along

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Roosevelt Way to improve connections with new stations, and the new Madison Street Bus Rapid Transit line. Planning will continue for the City Center Connector Streetcar, connecting the South Lake Union and First Hill Streetcar lines, along with a new Sound Transit Light Rail alignment between West Seattle, Downtown, the Seattle Center, Interbay, and Ballard. Freight movement will improve with the new S. Lander Street Grade Separation, a rebuilt Alaskan Way, and continued spot improvements. Additional investments on the City's bridges includes replacing the Fairview Avenue Bridge and studying improvements needed for 13 additional bridges. SDOT continues to invest in pedestrian and bicycle infrastructure to increase safety for both pedestrians, riders and motorists, through new protected bike lanes, new sidewalks, and improved street crossings.

The voters of Seattle approved the Move Seattle Levy in 2015; in November 2018, SDOT published the Move Seattle Levy Workplan, which documented updated deliverable commitments, delivery plans, schedule assumptions, risk considerations, and spending plans for all 30 Levy subprograms. The 2020-2025 Adopted CIP incorporates these Workplan strategies, and applies updated schedule, risk, and spending assumptions for new developments that have occurred since November 2018. A table summarizing the Move Seattle Levy investments (both operating and capital) can be found in the Seattle Department of Transportation section of the 2020 Adopted Budget.

The 2020 Adopted Budget and the 2020-2025 Adopted CIP outline investments in critical transportation infrastructure needs and include planned spending of more than \$1.8 billion during the six-year planning period. Key work includes street paving and resurfacing; building new sidewalks and curb ramps; school safety improvements; implementation of the Bike, Pedestrian, and Transit Master Plans; investments to facilitate freight mobility; traffic cameras and signals; bridge projects such as bridge replacement, maintenance, and seismic retrofitting; and support for the Seawall and Waterfront Program. For details, please see the associated explanations below.

Street Paving and Resurfacing: The adopted CIP includes funding for the following projects:

- \$6.7 million in 2020 for Arterial Major Maintenance;
- \$40.1 million in 2020 for Arterial Asphalt & Concrete Program Phase II; and
- \$1.8 million in 2020 for Non-Arterial Street Resurfacing and Restoration.

In 2020, the Arterial Asphalt & Concrete Program Phase II (AAC) is scheduled to start construction on the following streets: NW Market St, 15th Ave NE, and NE Pacific St. The AAC project will continue construction of new pavement on 35th Ave SW and Avalon Way SE, as well as in the Green Lake/Wallingford area (Green Lake Loop, N/NE 50th St, N/NE 40th St, N/NE 80th St, and Stone Way).

In addition to major contract paving, SDOT crews will undertake approximately six lane-miles of paving on Arterial Major Maintenance (AMM) and another three lane-miles on Non-Arterial Street Resurfacing and Restoration (NASRR).

Pedestrian Master Plan Investments: The 2020-2025 Adopted CIP includes five projects that are solely dedicated to advancing the recommendations of the Pedestrian Master Plan.

- The Pedestrian Master Plan–Crossing Improvements Project funds pedestrian crossing improvements. The adopted CIP includes \$3.5 million in 2020 for this project.

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- The Pedestrian Master Plan–New Sidewalks Project includes \$12.4 million in 2020 to design and construct new sidewalks. Of the total, \$4.4 million in 2020 is funded by ticket revenue generated from fixed automated cameras located near school zones. These funds will be used to construct sidewalks within Seattle Public Schools walk zones. The remaining \$8 million is eligible for use anywhere in Seattle.
- The Pedestrian Master Plan–School Safety Project emphasizes pedestrian improvements in school zones and is partially funded by the School Safety Traffic and Pedestrian Improvement Fund (SSTPIF). This fund was created to fund school safety infrastructure improvements, school zone camera installation and operation, school zone warning beacon maintenance, school safety program administration, and safety education. The adopted CIP includes \$4 million in 2020 for capital improvements dedicated to school zones. These capital improvements may include school zone signing, crosswalk maintenance, curb bulb and curb ramp replacement and maintenance, sidewalk maintenance, and changes to traffic circulation around schools.
- The Pedestrian Master Plan–Stairway Rehabilitation Program includes \$1.4 million in 2020 from various local funding sources, including Move Seattle funds. 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 SDOT ADA Program includes \$14.1 million of local funding to deliver ADA-compliant curb ramps and accessible pedestrian signals. Total budget for 2020 includes \$7.2 million in additional funding to support the City in meeting the annual ADA-compliant curb ramp requirement of 1,250 ramps per year. \$5.1 million of the funding for this increase was made available from anticipated savings from the South Lander Street Grade Separation project due to a higher than anticipated grant to local funding ratio; these funds are eligible for use anywhere in Seattle. The remaining \$2.1 million is funded by ticket revenue generated from fixed automated cameras located near school zones. The School Safety Traffic and Pedestrian Improvement Fund will support the installation of curb ramps at approximately 12 intersections near Seattle Public Schools.

The table below shows a summary of the Pedestrian Master Plan investments:

Pedestrian Master Plan Projects	2020
Pedestrian Master Plan - Crossing Improvements	\$3,455,901
Pedestrian Master Plan - New Sidewalks	\$12,406,675
Pedestrian Master Plan - School Safety	\$4,040,002
Pedestrian Master Plan - Stairway Rehabilitation	\$1,449,810
SDOT ADA Program	\$14,060,324
Total	\$35,412,712

Bicycle Master Plan Investments: The Bicycle Master Plan includes three projects specifically focused on advancing the Bike Master Plan recommendations, for a total 2020 investment of \$29.1 million; however, of this \$29.1 million, \$10.35 million is not anticipated to be spent in 2020. The Council moved budget appropriations from the out years to 2020 in order to put a proviso on the spending. Actual anticipated spending in 2020 is closer to \$19.3 million, but if projects can be expanded or accelerated in 2020, the CIP has appropriation capacity to do so. These projects support the Bicycle Master Plan goals

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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–Protected Bike Lanes and Bike Master Plan–Urban Trails & Bikeways.

The table below shows a summary of the Bicycle Master Plan investments:

Bike Master Plan Projects	2020
Bike Master Plan - Greenways	\$9,367,903
Bike Master Plan - Protected Bike Lanes	\$18,520,267
Bike Master Plan - Urban Trails & Bikeways	\$1,236,594
Total	\$29,124,764

In addition to the projects solely dedicated to delivering the Pedestrian and Bicycle Master Plans, there are many SDOT capital projects that indirectly contribute improvements that advance the plans. The table below shows the total budget for projects that support the Pedestrian and Bicycle Master Plans; note that the total budget also include other investments within that projects objective. For example, the Vision Zero project invests in pedestrian, bike, signals, painting, and street design improvements.

Projects that Support the Bike & Pedestrian Master Plan	2020
23rd Avenue Corridor Improvements	\$1,720,151
Burke-Gilman Trail Extension	\$5,106,779
Delridge Multimodal Corridor	\$15,226,743
Heavy Haul Corridor	\$4,000,001
Highland Park Intersection Improvements	\$900,000
Madison Street Bus Rapid Transit	\$29,824,006
Market / 45th Multimodal Corridor	\$4,721,199
NE 43rd Street Improvements	\$1,228,410
Neighborhood Large Projects	\$516,755
Neighborhood Parks Street Fund - Your Voice, Your Choice	\$2,912,629
Overlook Walk and East-West Connections Project	\$14,088,000
Rainier / Jackson Multimodal Corridor	\$932,499
Roosevelt Multimodal Corridor	\$8,085,609
Route 40 Northgate to Downtown Transit Improvements	\$494,869
S Lander St. Grade Separation	\$29,429,556
Sidewalk Safety Repair	\$3,807,479
Transit Corridor Improvements	\$3,634,006
Vision Zero	\$3,150,376
Grand Total	\$129,779,067

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Several projects noted above include funds programmed in anticipation of the sale of the City’s 800/816 Mercer (“Mercer Megablock”) properties in late 2020. Of the total anticipated proceeds, \$54.7 million has been set aside to fund transportation initiatives; of that, \$16.7 million is specifically reserved to advance Vision Zero, pedestrian, and bike priorities. As part of the 2020-2025 Adopted CIP, SDOT has programmed these funds as follows:

Project Name	Const Year	Amount (\$ millions)	Adopted Spending Plan (\$ millions)				Scope of Work
			2020	2021	2022	2023	
Pedestrian Master Plan – Crossings	2020	\$1.7	\$0.7	\$1.0			New sidewalks, curb bulbs, and curb ramps at five intersections
NE 43 rd Street Improvements	2021	\$0.65		\$0.65			Construction of pedestrian, bicycle, and transit-only street between Light Rail Station and UW
Pedestrian Master Plan – Crossings	2020-2021	\$0.5	\$0.1	\$0.4			New curb bulbs, curb ramps, and sidewalk repair at three intersections
Bicycle Master Plan – Greenways	2022-2023	\$2.0		\$1.0	\$1.0		Traffic calming, new curb bulbs, curb ramps, and wayfinding near Seattle Center
Highland Park Way Safety Corridor	2021-2022	\$3.5	\$0.5	\$1.5	\$1.5		New traffic signal at Highland Park Way and SW Holden Street with traffic calming, new sidewalks and curb ramps
Bicycle Master Plan – Protected Bike Lanes	2022-2023	\$10.35	\$10.35				Funds will be prioritized for projects listed in the 2019 BMP Implementation Plan as funded through design and/or planning. As stated above, the Council shifted all appropriations to 2020, but the spending plan only includes about \$0.5 million for 2020.
		\$18.7	\$11.65	\$4.55	\$2.5		Total

Transit Projects:

The 2020 Adopted CIP contains six of the seven Transit-Plus Multimodal Corridor projects the City committed to improve to as part of the Move Seattle Levy program. These projects include redesigning major streets with more frequent and reliable bus service as well as upgrading paving, signals, and other improvements to improve connectivity and safety for all travelers, whether walking, biking, driving, or taking transit.

The Transit-Plus Multimodal Corridor projects include (in order of scheduled delivery): Delridge Way SW – RapidRide H Line, Madison BRT – RapidRide G Line, Route 7 Transit-Plus Multimodal Corridor (Rainier), Route 44 Transit-Plus Multimodal Corridor (Market/45th), RapidRide Roosevelt, Route 40 Transit-Plus

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Multimodal Corridor (Fremont/Northgate). These projects rely on a variety of levy, local, and leveraged funding, including still-to-be secured FTA Small Starts grants for the Madison and Roosevelt projects. The seventh project, 23rd Bus Rapid Transit, is in early planning stages and is not yet reflected in the CIP.

In addition to the large capital Transit-Plus Multimodal Corridor projects, the adopted CIP includes budget for transit spot improvements throughout Seattle. These spot improvements focus on operational efficiencies (which help reduce travel time and therefore, operational costs), safety, and access enhancements (which improve the rider experience while ensuring safe conditions for riders of all abilities). Investments include installing queue jumps, bus-only lanes, in-lane stops/bus bulbs, and bus stop access amenities.

The table below shows a summary of transit related investments:

Transit Projects	2020
23rd Avenue Corridor Improvements	\$1,720,151
BRT Concepts Design	\$219,495
Delridge Multimodal Corridor	\$15,266,743
Lynnwood Link Extension	\$59,999
Madison Street Bus Rapid Transit	\$29,824,006
Market / 45th Multimodal Corridor	\$4,721,199
Rainier / Jackson Multimodal Corridor	\$932,499
Roosevelt Multimodal Corridor	\$8,085,609
Route 40 Northgate to Downtown Transit Improvements	\$494,869
Sound Transit - East Link	\$70,000
Sound Transit 3	\$1,802,326
Transit Corridor Improvements	\$3,634,006
Grand Total	\$66,830,902

Streetcar Projects: In 2018, having reached 30% design, the Center City Connector project was put on hold while an independent review and engineering analysis was performed. The project was subsequently restarted in January 2019 with the understanding that additional scope elements to accommodate a larger and heavier vehicle specification would be needed. In August 2019, the City Council approved a \$9 million appropriation in order to advance those additional scope elements to 30% design and establish a new baseline scope, schedule and cost for the entirety of the project. The \$9 million in funding is supported by an interfund loan that will be repaid from the expected 2020 sale of the 800/816 Mercer (Megablock) properties. The project anticipates reaching the 30% design milestone by year-end 2020.

Freight Projects: The most significant freight investment in the adopted CIP is the South Lander Street Grade Separation Project which is now in construction. The \$96 million project will enhance mobility and safety by building a new grade-separated crossing over the BNSF Railway Company tracks in SODO. The project is supported by federal and state grants, local funds including Move Seattle Levy and utility funding, as well as partnerships with BNSF and the Port of Seattle. The adopted CIP reflects updated estimates of grant and partnership utilization as well as a reduced project cost, which has made local funds available to resolve emerging transportation needs, including:

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- \$2 million of bond funding repurposed for design of the Northlake Retaining Wall;
- \$5.1 million of REET funding to support the City in meeting the ADA consent decree;
- \$4.1 million of Move Seattle Levy funding to resolve a funding gap in the Northgate Bridge and Multi-Use Path project; and
- \$903,000 of Move Seattle Levy funding to fully fund Phase 1 of the Heavy Haul Network Program–East Marginal Way project.

The Heavy Haul Network Program–East Marginal Way project has been segmented into at least two phases to maximize grant utilization and deliver safety improvements as quickly as possible. The first phase will create separation between freight and bicycle traffic and make signal improvements aimed at increasing safety for both modes. 100% design for Phase 2 and the Central Segment will occur concurrently with design of Phase 1 due to a recently secured \$4 million Federal Highways Administration grant. Phase 2 reconstructs the North Segment of the roadway to Heavy Haul pavement standards in order to support freight traffic, while the future Central Segment makes a non-motorized connection south to Diagonal Ave S. While Phase 1 is fully funded, SDOT continues to pursue funding options for future phases, including federal grants, contributions from the Port of Seattle, and potential reallocation of project savings from other Move Seattle Levy projects as they reach completion.

The 2020-2025 Adopted CIP also includes \$14 million of Move Seattle Levy funds (over the 9-year life of the Levy) for the Freight Spot Improvements project. This project provides smaller-scale vital freight spot improvements such as pavement repairs in industrial areas, turning radius adjustments, and other signage and operational improvements to facilitate movement of freight throughout the city. Funding allocation varies year to year based on planned projects.

The table below shows a summary of the Freight Master Plan investments:

Freight Master Plan Projects	2020
Freight Spot Improvement Program	\$5,323,212
Heavy Haul Corridor (East Marginal Way)	\$4,000,001
S Lander St. Grade Separation	\$29,429,556
Grand Total	\$38,752,769

Bridge & Structures Projects:

Bridge Rehabilitation and Replacement: The City owns 124 bridges and maintaining all of them in appropriate condition is a major challenge. The 2020-2025 Adopted CIP includes Move Seattle Levy funding to construct the replacement of the Fairview Avenue N Bridge (included in the Bridge Rehabilitation and Replacement CIP project), which is the last vehicular timber bridge on an arterial in Seattle. The funding is leveraging state and federal grants. It also funds the planning and design of the next phase of the bridge rehabilitation program. The program completed the permanent removal of the Post Alley Bridge and the reconstruction of Post Alley in 2018 and is studying improvements needed for 13 other bridges, which also includes the Duwamish Waterway N, Magnolia, and Thornton Creek bridges. There is also funding set aside for the improvement of pedestrian and bicycle safety on City-owned bridges.

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Bridge Seismic: The Move Seattle Levy also provides funding for the next phase in the Bridge Seismic program. Sixteen bridges are being evaluated as part of this current bridge seismic retrofit program; these bridges are located throughout the city. The adopted CIP also includes \$2.1 million annually for the Bridge Painting program, which is a critical asset preservation project for the City's 20 structural steel bridges.

Bridge Load Rating: Another investment in the 2020-2025 Adopted CIP relates to bridge load rating standards, which were revised by the Federal Highway Administration in November 2013. The revised standards require the SDOT to re-evaluate the load ratings for 69 bridges by 2022 at a cost of \$25,000 to \$175,000 per bridge. The adopted CIP includes \$1.1 million of funding in 2020 to continue addressing this mandate. SDOT will also be addressing additional load rating requirements specific to Emergency Vehicles, which were mandated in November 2016 by the Federal Highway Administration. The funding impact to address Emergency Vehicles as part of the currently mandated list of bridges as well as all of the City's remaining bridge assets is still being assessed.

Northgate Bridge and Cycle Track: Lastly, the adopted CIP provides funding to start construction on the Northgate Bridge and Multi-Use Path. The adopted CIP increases funding for the Northgate Bridge project to advance through construction. The Northgate Bridge funding gap is due to additional permitting requirements in the form of a supplemental culvert replacement project, permitting delays, unforeseen costs for WSDOT permits, increased railing procurement costs, and construction bids in excess of the engineer's estimate. The Northgate Bridge project is a cornerstone of the Move Seattle Levy, representing nearly 3% of the entire 9-year levy (fund) portfolio and SDOT is deeply committed to building the project.

As mentioned previously SDOT has identified grant funding that can be leveraged more than previously expected for the S. Lander Street Grade Separation project, freeing up \$4.1 million of Move Seattle Levy funds that, along with \$7.5 million from the Bridge Rehab and Replacement project (Fairview). These monies will help resolve a funding gap in the Northgate Bridge project. Funds from the Bridge Rehabilitation and Replacement project are available to fund the Northgate Bridge Project without any reduction in scope to the Fairview Bridge Replacement effort. The City took advantage of low-cost financing from the Public Works Trust Fund and grant funding, to better leverage the Move Seattle Levy dollars allocated to the project.

Retaining Wall Repair and Restoration: In addition to bridges, SDOT also maintains more than 600 retaining walls throughout Seattle. The 2020-2025 Adopted CIP includes \$2 million of repurposed bond funding and \$2 million of street vacations funding to reach 100% design on a new Northlake Retaining Wall Project. This critical structure is a 452-foot-long lake front timber structure that was constructed in 1951 and is located along the north shoreline of Lake Union adjacent to North Northlake Way. The wall currently shows signs of advanced deterioration, overstress, and some sections of structural failure. The current calculated capacity/demand ratio is 0.1 where 1.0 represents stability. This presents a significant risk to public safety given the right-of-way supported by the wall, the private structures directly offshore and adjacent to the wall, and the close proximity (immediately adjacent and up to 50 feet onshore) of overhead power lines and subsurface gas, sewer, drainage, and water utility infrastructure. This project is part of a pilot project where funding will be appropriated by stage, with milestone-based review from City Council. See the Capital Subcabinet section in the CIP Overview for a description of the pilot process.

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Seattle Waterfront Capital Projects: The four major capital projects in the SDOT budget related to the downtown waterfront are the Alaskan Way Viaduct Replacement Project; the Elliott Bay Seawall Project; the Alaskan Way Main Corridor; and the Overlook Walk and East-West Connections Project. Additionally, separate capital projects exist within the Department of Parks and Recreation (Parks Central Waterfront Piers Rehabilitation, Aquarium Expansion).

The Alaskan Way Viaduct Replacement Project includes SDOT's costs related to design review, permitting issuance and administration, and construction support and acceptance for 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 substantially completed in 2017 but has a few project elements that will be completed as part of the Pier 62 rebuild contract.

The Alaskan Way Main Corridor and the Overlook Walk and East-West Connection Projects are led by the Office of the Waterfront and Civic Projects. The Alaskan Way Main Corridor Project includes the design and construction of the Alaskan Way/Elliott Way surface street, the adjoining pedestrian promenade along the waterfront and several east-west connections that are primarily funded by WSDOT. The Overlook Walk and East-West Connections Projects include the Overlook Walk that provides pedestrian connections between the waterfront and the Aquarium and Pike Place Market. The project also focuses on the east/west streets that connect the downtown to the waterfront area and the Union Street pedestrian bridge.

The City began construction of the Alaskan Way Main Corridor Project in summer 2019 and substantial completion is anticipated to occur in late 2023. Construction of the Overlook Walk and East-West Connection Projects are anticipated to begin in 2020 and 2021.

CIP Revenue Sources

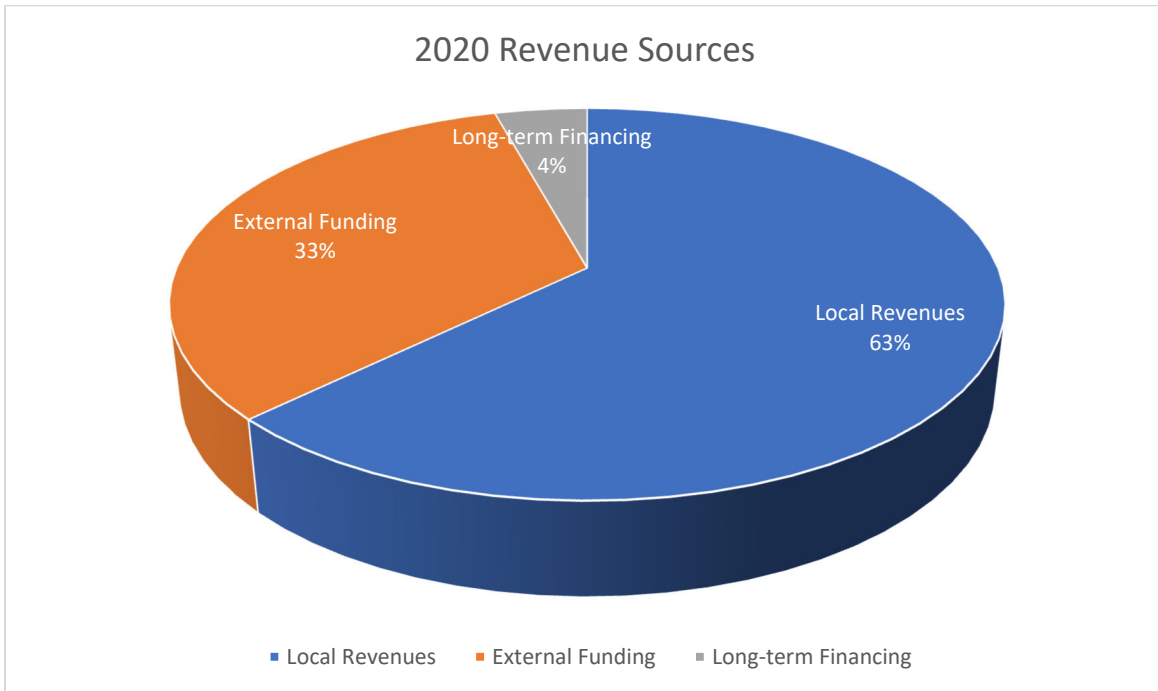
Multiple funding sources support the Transportation CIP, including:

- Move Seattle Levy;
- Gas Tax;
- Multimodal funds;
- Real Estate Excise Tax;
- Commercial Parking Tax;
- Seattle Transit Benefit District
- Vehicle License Fees
- Long-term financing (general obligation bonds);
- Public Works Trust Fund Loans;
- Street vacation revenues;
- School Safety and Pedestrian funds;
- Street use fees;
- Property sale proceeds;
- Federal and state grants;
- General Fund;

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- Funds from various funding partners, such as Sound Transit, the Port of Seattle and the Washington State Department of Transportation.

In 2020, the SDOT adopted CIP budget is \$415.9 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) I & II, Commercial Parking Tax, School Safety Traffic and Pedestrian Improvement funds, and the \$20 and \$60 Vehicle License Fees. 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.

Emerging Needs: Funding Reallocations

As part of the annual budget development process, SDOT evaluates updated project costs, leverage opportunities, and new mandates against available resources. The 2020-2025 Adopted CIP takes advantage of several opportunities to adapt resources to emerging needs, many of which are discussed throughout this document. For reference, the table below summarizes material funding reallocations within the 6-year planning period. Reallocations do not impact scope or delivery timeframe for donating projects.

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Reallocating From	Funding Source	Reallocating to	Purpose of Reallocation	Amount
Bridge Rehab and Replacement	Move Seattle Levy	Northgate Bridge and MUP	Resolve funding gap	\$7.5 million
South Lander Grade Separation	Move Seattle Levy	Northgate Bridge and MUP		\$4.1 million
South Lander Grade Separation	REET II	SDOT ADA Program	Fund additional ramps to meet Consent Decree	\$5.2 million
South Lander Grade Separation	Bonds	Northlake Retaining Wall	Fund design of critical infrastructure project.	\$2.0 million
South Lander Grade Separation	Move Seattle Levy	Heavy Haul (East Marginal Way, Phase I)	Fully fund Phase I through construction, as well as design of Phase II	\$903,000
23rd Ave Corridor (Phase II)	Move Seattle Levy	Heavy Haul (East Marginal Way, Phase I)		\$600,000
Next Gen ITS Improvements	Move Seattle Levy	Ctr Cty Gateway & S Michigan St ITS	Provide grant match (sister projects)	\$2.7 million

Thematic Priorities

SDOT’s vision for Seattle is a thriving, equitable community powered by dependable transportation. The organization’s mission is to deliver a transportation system that provides safe and affordable access to places and opportunities. 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. **Equity** –transportation must meet the needs of communities of color and those of all incomes, abilities, and ages. Our goal is to partner with our communities to build a racially equitable and socially just transportation system.
2. **Safety** –everyone should be able to move safely throughout the City. Our goal is to create safe transportation environments and eliminate serious and fatal crashes in Seattle.
3. **Mobility** –transportation choices are critical to access opportunity. Our goal is to build, operate, and maintain an accessible transportation system that reliably connects people, places, and goods.
4. **Sustainability** –environmental health should be improved for future generations through sustainable transportation. Our goal is to address the climate crisis through a sustainable, resilient transportation system.
5. **Livability** –transportation is essential to support daily life. Our goal is to manage our streets and sidewalks to enrich public life and improve community health.
6. **Excellence** –in exceeding the expectations of the communities we serve. Our goal is to build an SDOT team committed to excellence and equipped with skills to meet the challenges of today and tomorrow.

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 (Your Voice, Your Choice) program.

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Stakeholders have significant input in development of all SDOT plans through public involvement processes. Seattle’s Pedestrian, Bicycle, Transit and Freight Advisory Boards also consulted regularly to provide input on project/program needs. Since 2016, the Move Seattle Levy Oversight Committee has reviewed SDOT’s program and project priorities and financial plans, and made recommendations to the department, the Mayor, and the City Council on the allocation of resources. Representatives from SDOT regularly meet with the Oversight Committee, who review to provide updates and solicit input on the allocation of resources. Prior to 2016, the Bridging the Gap Oversight Committee performed the same advisory function.

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.

City Council Changes to the Proposed Budget

The City Council added appropriations and projects to the proposed budget, primarily making a variety of one-time adds (\$3,350,000 total) supported by the to-be-implemented increase in Transportation Network Company (TNC) taxes (see [Ordinance 125971](#)). While these new TNC taxes are ongoing, the Council utilized the 2020 revenue to fund several one-time adds. The Council also redirected \$2 million of “Mercer Megablock” property sale proceeds to support more protected bike lane infrastructure instead of using those proceeds to backfill declining commercial parking tax revenue, as originally proposed. The Council also used fund balance in the School Safety Traffic and Pedestrian Improvement Fund to build additional sidewalks along NW 132nd St and pay for an Active Transportation Coordinator at Seattle Public Schools.

City Council Provisos to the CIP

City Council adopted the following capital budget provisos:

- Of the appropriations in the 2020 budget for the Seattle Department of Transportation's Mobility-Capital BSL, \$10,350,000 is appropriated solely for implementation of bicycle facilities on (1) Martin Luther King, Jr. Way (Rainier to Henderson St), (2) Beacon Avenue (Jose Rizal Bridge to S 39th St), and/or (3) Georgetown to South Park Trail and may be used for no other purpose.
- None of the appropriations in the 2020 budget for the Seattle Department of Transportation’s Mobility-Capitol BSL may be spent on construction of the Delridge Way SW – RapidRide H Line (MC-TR-C042) CIP Project until the department has provided a report to Council detailing: (1) Community engagement efforts as part of 90% design; (2) Community feedback on 90% design; (3) Project changes from 90% design to 100% design; (4) Status of project funding sources; (5) Planned construction schedule; (6) Outreach and engagement plan for businesses that may be affected by the project, and the role of the Office of Economic Development to address

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potential impacts; (7) Pedestrian access and crossings at bus stops; (8) Decisions regarding 24/7 dedicated bus lanes, and parking removal; (9) Implementation of the Bicycle Master Plan as part of the project, as required by Chapter 15.80 of the Seattle Municipal Code; and (10) SDOT's consideration of a traffic diverter on 26th Avenue SW at SW Genesee and speed humps on 25th Ave SW north of Genesee; potential modification of the southbound protected bicycle lane (PBL) to a two-way PBLs from SW Juneau to SW Kenyon (with reduction of the double yellow line space).

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Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Central Waterfront (BC-TR-16000)									
Alaskan Way Main Corridor (MC-TR-C072)	103,026	60,634	84,040	81,414	19,270	19,155	3,144	-	370,683
Overlook Walk and East-West Connections Project (MC-TR-C073)	10,484	11,431	14,088	69,285	68,098	7,703	3,250	-	184,339
Central Waterfront Total	113,510	72,065	98,128	150,699	87,368	26,858	6,394	-	555,022
General Expense (BO-TR-18002)									
Debt Service - REET II (MO-TR-D006)	-	-	815	815	813	815	815	815	4,887
General Expense Total	-	-	815	815	813	815	815	815	4,887
Major Maintenance/Replacement (BC-TR-19001)									
35th Avenue SW Paving (MC-TR-C099)	-	-	-	-	-	35,000	-	-	35,000
Accela Permitting System (MC-TR-C001)	6,683	10,498	5,296	679	1,000	1,000	1,000	1,000	27,156
Arterial Asphalt & Concrete Program Phase II (MC-TR-C033)	40,976	40,235	40,051	35,562	26,143	20,946	35,769	25,000	264,682
Arterial Asphalt and Concrete Program (MC-TR-C070)	223,709	(12)	-	-	-	-	-	-	223,697
Arterial Major Maintenance (MC-TR-C071)	20,924	5,797	6,688	6,796	6,812	6,829	6,927	7,135	67,907
Bike Master Plan - Urban Trails and Bikeways (MC-TR-C060)	1,644	1,156	1,237	1,238	1,338	1,367	1,451	1,112	10,542
Bridge Load Rating (MC-TR-C006)	5,012	1,189	1,066	1,036	1,088	346	273	366	10,376
Bridge Painting Program (MC-TR-C007)	25,426	9,980	2,135	2,135	2,135	2,135	2,135	2,135	48,216
Bridge Rehabilitation and Replacement (MC-TR-C045)	95,906	25,116	13,497	4,039	276	30	63	-	138,927

*Amounts in thousands of dollars.

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Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridge Rehabilitation and Replacement Phase II (MC-TR-C039)	4,422	8,839	3,716	3,460	845	-	-	-	21,282
Bridge Seismic - Phase III (MC-TR-C008)	5,937	17,369	14,975	10,543	7,056	14,204	5,778	5,952	81,815
Canton and Nord Alleys (MC-TR-C065)	2,128	371	-	-	-	-	-	-	2,499
Columbia Two-Way Street Improvements (MC-TR-C056)	2,660	1,152	-	-	-	-	-	-	3,813
Hazard Mitigation Program - Areaways (MC-TR-C035)	6,679	2,500	381	390	400	402	404	406	11,563
Hazard Mitigation Program - Landslide Mitigation Projects (MC-TR-C015)	10,657	2,746	475	482	488	496	503	510	16,357
Miscellaneous, Unforeseen, and Emergencies (MC-TR-C077)	2,508	-	-	-	-	-	-	-	2,508
Non-Arterial Street Resurfacing and Restoration (MC-TR-C041)	6,096	2,584	1,819	1,828	1,848	1,868	1,881	1,892	19,816
Northlake Retaining Wall (MC-TR-C102)	-	-	2,000	17,000	8,000	500	-	-	27,500
Retaining Wall Repair and Restoration (MC-TR-C032)	7,390	423	212	212	212	212	212	212	9,085
Seawall Maintenance (MC-TR-C098)	-	399	813	269	825	732	339	246	3,623
Sidewalk Safety Repair (MC-TR-C025)	9,390	5,300	3,807	3,048	3,831	3,865	3,399	3,942	36,583
Signal Major Maintenance (MC-TR-C026)	5,232	2,291	1,657	1,688	1,725	1,762	1,801	1,945	18,103
SPU Drainage Partnership - South Park (MC-TR-C054)	62	1,500	7,300	1,137	-	-	-	-	9,999

*Amounts in thousands of dollars.

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Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Street Lighting Program (MC-TR-C076)	-	-	-	1,350	1,350	1,350	1,350	1,350	6,750
Urban Forestry Capital Establishment (MC-TR- C050)	395	540	9	9	9	9	9	9	989
Major Maintenance / Replacement Total	483,839	139,973	107,135	92,902	65,380	93,053	63,295	53,212	1,098,789
Major Projects (BC-TR-19002)									
Alaskan Way Viaduct Replacement (MC-TR- C066)	97,777	9,568	-	-	-	-	-	-	107,345
Elliott Bay Seawall Project (MC-TR-C014)	366,631	6,977	-	-	-	-	-	-	373,608
First Hill Streetcar (MC- TR-C075)	140,683	18	-	-	-	-	-	-	140,701
Magnolia Bridge Replacement Project (MC-TR-C083)	10,030	-	-	-	-	-	-	-	10,030
Mercer Corridor Project West Phase (MC-TR- C017)	88,037	3,973	-	-	-	-	-	-	92,010
SR-520 Project (MC-TR- C087)	4,180	5,875	109	806	1,984	1,984	1,984	-	16,923
Major Projects Total	707,338	26,412	109	806	1,984	1,984	1,984	-	740,617
Mobility-Capital (BC-TR-19003)									
23rd Avenue Corridor Improvements (MC-TR- C037)	50,753	7,629	1,220	2,636	281	-	-	-	62,518
3rd Avenue Corridor Improvements (MC-TR- C034)	7,027	6,286	-	-	-	-	-	-	13,313
Accessible Mt. Baker Implementation (MC-TR- C002)	374	1,626	-	-	-	900	-	-	2,900
Ballard to Downtown High Capacity Transit and Ship Canal Crossing Project (MC-TR-C080)	756	44	-	-	-	-	-	-	800

*Amounts in thousands of dollars.

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Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bike Master Plan - Greenways (MC-TR-C063)	4,489	7,691	9,368	5,146	3,045	1,869	1,680	3,615	36,903
Bike Master Plan - Protected Bike Lanes (MC-TR-C062)	61,952	14,719	18,520	7,951	3,359	16,950	2,557	9,227	135,235
Bike Share Expansion (MC-TR-C091)	1,674	500	-	-	-	-	-	-	2,174
BRT Concepts Design (MC-TR-C010)	1,219	781	219	281	-	-	-	-	2,500
Burke Gilman Trail Improvements - UW Campus (MC-TR-C086)	9	741	-	-	-	-	-	-	750
Burke-Gilman Trail Extension (MC-TR-C044)	22,374	10,443	5,107	-	-	-	-	-	37,924
Center City Gateway and South Michigan Street Intelligent Transportation Systems (ITS) (MC-TR-C012)	4,638	3,923	713	6,993	-	-	-	-	16,267
Center City Streetcar Connector (MC-TR-C040)	44,057	37,462	(0)	2,000	20,800	78,649	52,198	26,834	262,000
Delridge Way SW - RapidRide H Line (MC-TR-C042)	1,965	2,542	15,227	9,196	5,369	-	-	-	34,299
Fauntleroy Way SW Boulevard (MC-TR-C046)	2,769	1,240	-	3,000	10,945	-	-	-	17,954
Fortson Square Redesign Implementation (MC-TR-C104)	-	-	400	-	-	-	-	-	400
Freight Spot Improvement Program (MC-TR-C047)	6,695	1,321	5,323	3,078	2,000	1,930	1,514	1,500	23,361
Georgetown to South Park Trail (MC-TR-C096)	62	538	-	1,800	-	-	-	-	2,400
Graham Street Station (MC-TR-C082)	0	5	-	-	-	-	9,995	-	10,000
Heavy Haul Network Program - East Marginal Way (MC-TR-C090)	1,025	7,261	3,500	11,763	15,861	15,078	5,750	-	60,237

**Amounts in thousands of dollars.*

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Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Highland Park Intersection Improvements (MC-TR-C100)	-	200	900	1,500	1,500	-	-	-	4,100
King Street Station Tenant Improvements (MC-TR-C049)	4,369	781	-	-	-	-	-	-	5,150
Lynnwood Link Extension (MC-TR-C089)	126	209	60	34	70	70	65	-	634
Madison BRT - RapidRide G Line (MC-TR-C051)	13,325	9,996	29,824	51,352	17,000	-	-	-	121,497
Market to MOHAI (MC-TR-C095)	5	495	400	-	-	-	-	-	900
NE 43rd Street Improvements (MC-TR-C074)	201	1,339	1,228	2,306	10	-	-	-	5,084
Neighborhood Large Projects (MC-TR-C018)	13,432	4,376	517	4,957	888	2,082	5,658	2,644	34,554
Neighborhood Parks Street Fund - Your Voice, Your Choice (MC-TR-C022)	38,378	1,933	2,913	2,385	2,378	2,389	2,397	2,408	55,180
Neighborhood Traffic Control Program (MC-TR-C019)	8,367	1,278	325	333	341	349	357	378	11,727
New Traffic Signals (MC-TR-C020)	2,262	1,723	114	560	571	770	1,660	464	8,124
Next Generation Intelligent Transportation Systems (ITS) (MC-TR-C021)	14,482	7,590	2,547	1,857	1,227	1,378	1,323	1,266	31,669
North of Downtown Mobility Action Plan (MC-TR-C101)	-	2,913	4,837	1,260	1,732	527	527	527	12,324
Northgate Bike and Pedestrian Improvements (MC-TR-C055)	72	1,429	-	-	-	-	-	-	1,501

*Amounts in thousands of dollars.

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Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Northgate Bridge and Cycle Track (MC-TR-C030)	8,360	20,209	8,763	17,822	1,000	-	-	-	56,155
Pay Stations (MC-TR-C024)	29,637	1,683	-	-	-	-	-	-	31,320
Pedestrian Master Plan - Crossing Improvements (MC-TR-C061)	12,871	4,670	3,456	6,708	4,000	4,100	2,728	2,810	41,342
Pedestrian Master Plan - New Sidewalks (MC-TR-C058)	30,642	22,581	12,407	6,886	4,235	6,155	693	6,601	90,200
Pedestrian Master Plan - School Safety (MC-TR-C059)	27,582	3,611	4,040	8,197	6,283	6,605	6,878	3,093	66,289
Pedestrian Master Plan - Stairway Rehabilitation (MC-TR-C031)	2,011	1,939	1,450	1,461	1,493	1,525	1,556	976	12,410
RapidRide Roosevelt (MC-TR-C013)	6,232	5,609	8,086	17,166	23,135	17,829	7,000	-	85,057
Route 40 Transit-Plus Multimodal Corridor (MC-TR-C079)	1	1,249	495	2,000	5,434	7,675	6,046	-	22,900
Route 44 Transit-Plus Multimodal Corridor (MC-TR-C078)	124	626	4,721	535	1,930	7,508	106	-	15,550
Route 48 South Electrification (MC-TR-C081)	2	40	-	-	-	-	-	-	42
Route 7 Transit-Plus Multimodal Corridor Project (MC-TR-C053)	1,963	649	932	2,088	2,886	-	-	-	8,519
S Lander St. Grade Separation (MC-TR-C028)	22,752	30,078	29,430	13,965	-	-	-	-	96,225
SDOT ADA Program (MC-TR-C057)	11,096	9,970	14,060	7,731	12,152	12,448	12,696	9,950	90,103
Seattle Transportation Benefit District - Capital Improvements (MC-TR-C097)	-	5,000	7,514	-	-	-	-	-	12,514

*Amounts in thousands of dollars.

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Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Shoreline Street End Program (MC-TR-C011)	824	1,296	24	684	777	797	817	906	6,124
Sound Transit - East Link (MC-TR-C004)	312	400	70	70	70	70	-	-	992
Sound Transit 3 (MC-TR-C088)	594	2,796	1,802	1,842	1,883	1,775	1,819	1,855	14,367
Sound Transit North Link (MC-TR-C027)	1,120	904	-	-	-	-	-	-	2,025
SPU Drainage Partnership - Broadview Pedestrian Improvements (MC-TR-C036)	227	1,467	-	6,056	250	-	-	-	8,000
Thomas Street Redesigned (MC-TR-C105)	-	-	1,760	-	-	-	-	-	1,760
Transit Corridor Improvements (MC-TR-C029)	45,252	12,192	3,634	3,227	5,225	5,276	4,305	3,944	83,055
Vision Zero (MC-TR-C064)	8,660	7,997	3,150	6,259	2,930	1,695	1,980	2,620	35,291
West Marginal Way Safe Street and Accessibility Improvements (MC-TR-C103)	-	-	500	2,750	-	-	-	-	3,250
Mobility-Capital Total	517,120	273,978	209,558	223,085	161,061	196,399	132,304	81,617	1,797,870
Seattle Department of Transportation Total	1,821,807	512,428	415,746	471,056	316,606	319,109	204,791	135,643	4,197,186

*Amounts in thousands of dollars.

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Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
00100 - General Fund	18,149	17	3,060	-	-	-	-	-	21,226
00164 - Unrestricted Cumulative Reserve Fund	6,302	3,002	-	-	-	-	-	-	9,303
10102 - Emergency Fund	395	-	-	-	-	-	-	-	395
10394 - Bridging The Gap Levy Fund	200,930	337	-	-	-	-	-	-	201,267
10398 - Move Seattle Levy Fund	181,845	133,763	129,183	144,504	89,205	75,172	78,202	402	832,277
13000 - Transportation Fund	616,511	264,509	211,441	106,119	48,969	85,174	41,806	22,706	1,397,235
18500 - School Safety Traffic and Pedestrian Improvement Fund	21,457	14,286	9,684	9,245	9,722	9,810	9,187	5,935	89,326
19900 - Transportation Benefit District Fund	23,467	14,946	14,066	5,885	5,330	5,255	3,808	3,379	76,135
2005 Multipurpose LTGO Bond Fund	10,313	-	-	-	-	-	-	-	10,313
30010 - REET I Capital Fund	11,764	4,744	-	1,350	2,650	2,100	2,100	2,100	26,808
30020 - REET II Capital Fund	125,839	32,116	19,345	13,256	13,852	15,404	12,404	12,404	244,618
31600 - Transportation Bond Fund	1,314	-	-	-	-	-	-	-	1,314
33850 - 2000 Parks Levy Fund	560	54	-	-	-	-	-	-	613
33860 - 2008 Parks Levy Fund	3,605	5	-	-	-	-	-	-	3,610
34900 - 2006 Multipurpose LTGO Bond Fund	5,220	-	-	-	-	-	-	-	5,220
35040 - Waterfront LID #6751	-	-	7,008	57,950	39,223	5,600	350	-	110,131
35100 - 2007 Multipurpose LTGO Bond Fund	6,320	-	-	-	-	-	-	-	6,320
35200 - 2008 Multipurpose LTGO Bond Fund	12,796	-	-	-	-	-	-	-	12,796

**Amounts in thousands of dollars.*

Seattle Department of Transportation

Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
35300 - 2009 Multipurpose LTGO Bond Fund	31,976	-	-	-	-	-	-	-	31,976
35400 - 2010 Multipurpose LTGO Bond Fund	55,030	-	-	-	-	-	-	-	55,030
35500 - 2011 Multipurpose LTGO Bond Fund	42,473	18	-	-	-	-	-	-	42,491
35600 - 2012 Multipurpose LTGO Bond Fund	10,800	-	-	-	-	-	-	-	10,800
35800 - Alaskan Way Seawall Const Fund	285,871	-	-	-	-	-	-	-	285,871
35840 - 2016 UTGO-Alaskan Way Seawall	-	825	-	-	-	-	-	-	825
35900 - Central Waterfront Improvement Fund	13,066	8,779	7,455	24,126	36,006	9,318	6,044	-	104,794
36200 - 2015 Multipurpose LTGO Bond Fund	13,472	558	-	-	-	-	-	-	14,030
36300 - 2016 Multipurpose LTGO Bond Fund	39,825	3,443	-	-	-	-	-	-	43,268
36400 - 2017 Multipurpose LTGO Bond Fund	42,111	3,798	-	-	-	-	-	-	45,909
36410 - 2017 LTGO Taxable Bond Fund	2,086	1,281	-	-	-	-	-	-	3,367
36500 - 2018 Multipurpose LTGO Bond Fund	6,717	1,659	2,000	-	-	-	-	-	10,376
36510 - 2018 LTGO Taxable Bond Fund	5,093	3,096	-	-	-	-	-	-	8,189
36600 - 2019 Multipurpose LTGO Bond Fund	-	20,192	-	-	-	-	-	-	20,192
36610 - 2019 LTGO Taxable Bond Fund	-	1,000	-	-	-	-	-	-	1,000
36700 - 2020 Multipurpose LTGO Bond Fund	-	-	10,779	-	-	-	-	-	10,779
36710 - 2020 LTGO Taxable Bond Fund	-	-	1,725	-	-	-	-	-	1,725
36800 - 2021 Multipurpose LTGO Bond Fund	-	-	-	16,960	-	-	-	-	16,960
36810 - 2021 LTGO Taxable Bond Fund	-	-	-	4,260	-	-	-	-	4,260

**Amounts in thousands of dollars.*

Seattle Department of Transportation

Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
36900 - 2022 Multipurpose LTGO Bond Fund	-	-	-	-	3,315	-	-	-	3,315
36910 - 2022 LTGO Taxable Bond Fund	-	-	-	-	4,630	-	-	-	4,630
37000 - Garage Disposition Proceeds	16,499	1	-	-	-	-	-	-	16,500
37100 - 2023 Multipurpose LTGO Bond Fund	-	-	-	-	-	4,450	-	-	4,450
37110 - 2023 LTGO Taxable Bond Fund	-	-	-	-	-	2,500	-	-	2,500
To Be Determined	10,000	-	-	87,402	63,704	104,326	50,890	88,718	405,039
Seattle Department of Transportation Total	1,821,807	512,428	415,746	471,056	316,606	319,109	204,791	135,643	4,197,186

**Amounts in thousands of dollars.*

23rd Avenue Corridor Improvements

Project No:	MC-TR-C037	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	23rd AVE S/E John ST/Rainier AVE S
Current Project Stage:	Stage 3 - Design	Council District:	Council District 3
Start/End Date:	2013 - 2022	Neighborhood District:	Central
Total Project Cost:	\$62,517	Urban Village:	23rd & Union-Jackson

This multi-phase 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. The project includes a Vision Zero element to construct new traffic signals; parking modifications; new curb ramps; traffic calming; speed reduction; pedestrian safety; and transit stop improvements. Phases I and II are substantially complete. The final Vision Zero phase is in design.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	2,735	336	-	-	-	-	-	-	3,071
Commercial Parking Tax	114	-	-	-	-	-	-	-	114
Federal Grant Funds	4,990	-	-	-	-	-	-	-	4,990
LTGO Bond Proceeds	14,472	72	-	-	-	-	-	-	14,544
Private Funding/Donations	5	-	-	-	-	-	-	-	5
Real Estate Excise Tax II	4,179	726	60	-	-	-	-	-	4,964
State Grant Funds	10,493	631	100	-	-	-	-	-	11,224
Transportation Funding Package - Lid Lift	11,730	-	-	-	-	-	-	-	11,730
Transportation Move Seattle Levy - Lid Lift	2,035	5,863	1,060	2,636	281	-	-	-	11,875
Total:	50,753	7,629	1,220	2,636	281	-	-	-	62,518
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2011 Multipurpose LTGO Bond Fund	5,622	-	-	-	-	-	-	-	5,622
2016 Multipurpose LTGO Bond Fund	7,886	59	-	-	-	-	-	-	7,945
2017 Multipurpose LTGO Bond Fund	964	13	-	-	-	-	-	-	977
Bridging The Gap Levy Fund	11,730	-	-	-	-	-	-	-	11,730
Move Seattle Levy Fund	2,035	5,863	1,060	2,636	281	-	-	-	11,875
REET II Capital Fund	4,179	726	60	-	-	-	-	-	4,964
Transportation Fund	18,337	968	100	-	-	-	-	-	19,405
Total:	50,753	7,629	1,220	2,636	281	-	-	-	62,518

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

35th Avenue SW Paving

Project No:	MC-TR-C099	BSL Code:	BC-TR-19001
Project Type:	Discrete	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	35th Ave. SW from SW Morgan St to SW Roxbury
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 1
Start/End Date:	2023 - 2025	Neighborhood District:	Delridge
Total Project Cost:	\$35,000	Urban Village:	West Seattle Junction

This project will resurface and reconstruct 35th Ave. SW from SW Morgan St. to SW Roxbury St.

Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	35,000	-	-	35,000
Total:	-	-	-	-	-	35,000	-	-	35,000

Unsecured Funding Strategy: Funding for this project was not included as part of the Levy to Move Seattle paving commitments; the project is also not likely to rank highly for grant funding. Funding for this project may depend upon identification of new/incremental revenue sources.

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by bringing assets to a new or like new condition.

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3rd Avenue Corridor Improvements

Project No:	MC-TR-C034	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	3rd AVE
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	2,229	88	-	-	-	-	-	-	2,317
Developer Mitigation	-	77	-	-	-	-	-	-	77
Federal Grant Funds	3,255	6,120	-	-	-	-	-	-	9,376
King County Funds	8	-	-	-	-	-	-	-	8
Private Funding/Donations	1	-	-	-	-	-	-	-	1
Real Estate Excise Tax II	708	-	-	-	-	-	-	-	708
State Grant Funds	204	-	-	-	-	-	-	-	204
Transportation Funding Package - Lid Lift	622	-	-	-	-	-	-	-	622
Total:	7,027	6,286	-	-	-	-	-	-	13,313
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	622	-	-	-	-	-	-	-	622
Move Seattle Levy Fund	(25)	25	-	-	-	-	-	-	-
REET I Capital Fund	(12)	12	-	-	-	-	-	-	-
REET II Capital Fund	307	401	-	-	-	-	-	-	708
Transportation Fund	6,136	5,847	-	-	-	-	-	-	11,983
Total:	7,027	6,286	-	-	-	-	-	-	13,313

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Accela Permitting System

Project No:	MC-TR-C001	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Multiple
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
User Fees	6,683	10,498	5,296	679	1,000	1,000	1,000	1,000	27,156
Total:	6,683	10,498	5,296	679	1,000	1,000	1,000	1,000	27,156
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Fund	6,683	10,498	5,296	679	1,000	1,000	1,000	1,000	27,156
Total:	6,683	10,498	5,296	679	1,000	1,000	1,000	1,000	27,156

O&M Impacts: Maintenance for the permitting system is paid for via a central cost allocation from Seattle IT and then recovered against SDOT projects through overhead allocations. The \$1M annual budget after 2021 represents a sinking fund for eventual system replacement.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Accessible Mt. Baker Implementation

Project No:	MC-TR-C002	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	Stage 3 - Design	Council District:	Council District 3
Start/End Date:	2017 - 2023	Neighborhood District:	East District
Total Project Cost:	\$2,900	Urban Village:	Madison-Miller

The project will transform the Mt. Baker station area into a safer and comfortable place for people to walk, bike, and make transit connections; and for the Mt. Baker Town Center to take root and flourish. In addition to prioritizing walking and biking, the project will maintain transit and freight reliability and create more predictable conditions for people driving.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
State Grant Funds	-	-	-	-	-	900	-	-	900
Transportation Move Seattle Levy - Lid Lift	374	1,626	-	-	-	-	-	-	2,000
Total:	374	1,626	-	-	-	900	-	-	2,900
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	278	1,723	-	-	-	-	-	-	2,000
Transportation Fund	96	(96)	-	-	-	900	-	-	900
Total:	374	1,626	-	-	-	900	-	-	2,900

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Alaskan Way Main Corridor

Project No:	MC-TR-C072	BSL Code:	BC-TR-16000
Project Type:	Discrete	BSL Name:	Central Waterfront
Project Category:	New Facility	Location:	Various
Current Project Stage:	Stage 5 - Construction	Council District:	Multiple
Start/End Date:	2013 - 2024	Neighborhood District:	Multiple
Total Project Cost:	\$370,720	Urban Village:	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 has built a deep bore tunnel to replace the Alaskan Way Viaduct (Viaduct) and has relocated State Route (SR) 99 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. Construction of these improvements began in 2019.

This project includes funding from the Waterfront Local Improvement District (LID #7651) formed by City Council via Ordinance 125760 in January 2019. (Interfund Loan will be repaid by Local Improvement District Bonds (\$5.65 million), LTGO Bonds (\$3.98 million), Private Funding/Donations (\$919,000) and Private Utilities (\$1.1 million.)

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	16	-	-	-	-	-	-	-	16
Commercial Parking Tax	6,118	(37)	-	-	-	-	-	-	6,081
Drainage and Wastewater Rates	263	-	-	-	-	-	-	-	263
Interfund Loan	10,565	1,035	-	-	-	-	-	-	11,600
Local Improvement District Bonds	-	-	-	14,950	8,852	3,650	-	-	27,452
LTGO Bond Proceeds	33,229	15,802	10,779	16,960	3,315	3,700	-	-	83,784
Miscellaneous Revenues	872	(412)	-	-	-	-	-	-	460
Partnership - WSDOT	37,072	43,009	70,456	41,390	2,194	1,990	-	-	196,111
Private Funding - Utilities	519	(519)	-	-	-	-	-	-	-
Private Funding/Donations	-	-	2,100	2,101	2,909	6,815	3,144	-	17,069
Real Estate Excise Tax II	1,654	519	-	5,000	2,000	3,000	-	-	12,173
Seawall Levy	5,297	-	-	-	-	-	-	-	5,297
State Grant Funds	1,846	340	-	-	-	-	-	-	2,186
Street Vacations - CRSU	1,300	-	-	-	-	-	-	-	1,300
Street Vacations - SVF	786	757	-	-	-	-	-	-	1,543
User Fees	3,490	140	705	1,013	-	-	-	-	5,348
Total:	103,026	60,634	84,040	81,414	19,270	19,155	3,144	-	370,683

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2015 Multipurpose LTGO Bond Fund	7,250	145	-	-	-	-	-	-	7,395
2016 Multipurpose LTGO Bond Fund	13,625	268	-	-	-	-	-	-	13,893
2017 LTGO Taxable Bond Fund	-	-	-	-	-	-	-	-	-
2017 Multipurpose LTGO Bond Fund	6,293	132	-	-	-	-	-	-	6,425
2018 LTGO Taxable Bond Fund	-	509	-	-	-	-	-	-	509
2018 Multipurpose LTGO Bond Fund	6,061	56	-	-	-	-	-	-	6,117
2019 Multipurpose LTGO Bond Fund	-	14,692	-	-	-	-	-	-	14,692
2020 Multipurpose LTGO Bond Fund	-	-	10,779	-	-	-	-	-	10,779
2021 Multipurpose LTGO Bond Fund	-	-	-	16,960	-	-	-	-	16,960
2022 Multipurpose LTGO Bond Fund	-	-	-	-	3,315	-	-	-	3,315
2023 Multipurpose LTGO Bond Fund	-	-	-	-	-	3,700	-	-	3,700
Alaskan Way Seawall Const Fund	5,297	-	-	-	-	-	-	-	5,297
Central Waterfront Improvement Fund	10,565	1,495	2,100	2,101	2,909	6,815	3,144	-	29,129
REET II Capital Fund	1,654	519	-	5,000	2,000	3,000	-	-	12,173
Transportation Fund	50,982	42,818	71,161	42,403	2,194	1,990	-	-	211,548
Unrestricted Cumulative Reserve Fund	1,300	-	-	-	-	-	-	-	1,300
Waterfront LID #6751	-	-	-	14,950	8,852	3,650	-	-	27,452
Total:	103,026	60,634	84,040	81,414	19,270	19,155	3,144	-	370,683

O&M Impacts: This project replaces aging infrastructure along the Central Waterfront providing an O&M benefit. It also builds new infrastructure for several City departments. The maintenance of the new public open space and pedestrian promenade will be funded primarily with Metropolitan Park District funds set-aside for this purpose.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Alaskan Way Viaduct Replacement

Project No:	MC-TR-C066	BSL Code:	BC-TR-19002
Project Type:	Discrete	BSL Name:	Major Projects
Project Category:	New Facility	Location:	ALASKAN WY VI SB
Current Project Stage:	Stage 5 - Construction	Council District:	Multiple
Start/End Date:	2001 - 2019	Neighborhood District:	Multiple
Total Project Cost:	\$97,310	Urban Village:	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. For transparency purposes, the Seawall and Waterfront work was reflected in three new capital projects, Elliott Bay Seawall Project (MC-TR-C014), Alaskan Way Main Corridor Program (MC-TR-C066), and the Overlook Walk and East-West Connections Program (MC-TR-C073).

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	93	-	-	-	-	-	-	93
Commercial Parking Tax	8,781	221	-	-	-	-	-	-	9,002
Federal Grant Funds	2,861	-	-	-	-	-	-	-	2,861
General Fund	2,951	-	-	-	-	-	-	-	2,951
Interagency Commission on Outdoor Recreation Grants	239	-	-	-	-	-	-	-	239
Interfund Loan	-	585	-	-	-	-	-	-	585
King County Funds	3,127	-	-	-	-	-	-	-	3,127
LTGO Bond Proceeds	40,451	3,820	-	-	-	-	-	-	44,271
Partnership - WSDOT	27,861	1,575	-	-	-	-	-	-	29,437
Seawall Levy	328	-	-	-	-	-	-	-	328
Sound Transit Funds	-	7	-	-	-	-	-	-	7
State Gas Taxes - City Street Fund	1,070	198	-	-	-	-	-	-	1,268
User Fees	-	3,069	-	-	-	-	-	-	3,069
Waterway Use Fee	108	-	-	-	-	-	-	-	108
Total:	87,777	9,568	-	-	-	-	-	-	97,345

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2006 Multipurpose LTGO Bond Fund	5,220	-	-	-	-	-	-	-	5,220
2007 Multipurpose LTGO Bond Fund	2,920	-	-	-	-	-	-	-	2,920
2008 Multipurpose LTGO Bond Fund	481	-	-	-	-	-	-	-	481
2009 Multipurpose LTGO Bond Fund	1,770	-	-	-	-	-	-	-	1,770
2010 Multipurpose LTGO Bond Fund	10,440	-	-	-	-	-	-	-	10,440
2011 Multipurpose LTGO Bond Fund	14,903	-	-	-	-	-	-	-	14,903
2012 Multipurpose LTGO Bond Fund	3,000	-	-	-	-	-	-	-	3,000
2016 Multipurpose LTGO Bond Fund	1,517	1,983	-	-	-	-	-	-	3,500
2017 Multipurpose LTGO Bond Fund	163	537	-	-	-	-	-	-	700
2018 Multipurpose LTGO Bond Fund	37	-	-	-	-	-	-	-	37
2019 Multipurpose LTGO Bond Fund	-	1,300	-	-	-	-	-	-	1,300
Alaskan Way Seawall Const Fund	328	-	-	-	-	-	-	-	328
Central Waterfront Improvement Fund	-	585	-	-	-	-	-	-	585
General Fund	2,951	-	-	-	-	-	-	-	2,951
Transportation Fund	44,046	5,164	-	-	-	-	-	-	49,210
Total:	87,777	9,568	-	-	-	-	-	-	97,345

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Arterial Asphalt & Concrete Program Phase II

Project No:	MC-TR-C033	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	-	552	-	-	-	-	-	-	552
Drainage and Wastewater Rates	181	1,204	-	-	-	-	-	-	1,385
Federal Grant Funds	717	3,797	2,000	1,500	-	-	-	-	8,014
LTGO Bond Proceeds	-	122	-	-	-	-	-	-	122
Real Estate Excise Tax I	2,144	486	-	-	-	-	-	-	2,630
Real Estate Excise Tax II	-	573	-	-	-	-	-	-	573
State Grant Funds	1,635	-	-	-	-	-	-	-	1,635
Transportation Funding Package - Lid Lift	-	35	-	-	-	-	-	-	35
Transportation Move Seattle Levy - Lid Lift	36,299	33,467	38,051	34,062	26,143	20,946	35,769	-	224,737
Total:	40,976	40,235	40,051	35,562	26,143	20,946	35,769	-	239,682
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2015 Multipurpose LTGO Bond Fund	-	122	-	-	-	-	-	-	122
Bridging The Gap Levy Fund	-	35	-	-	-	-	-	-	35
Move Seattle Levy Fund	36,001	33,764	38,051	34,062	26,143	20,946	35,769	-	224,737
REET I Capital Fund	2,144	486	-	-	-	-	-	-	2,630
REET II Capital Fund	-	573	-	-	-	-	-	-	573
Transportation Fund	2,831	5,256	2,000	1,500	-	-	-	-	11,586
Total:	40,976	40,235	40,051	35,562	26,143	20,946	35,769	-	239,682
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	-	-	25,000	25,000
Total:	-	-	-	-	-	-	-	25,000	25,000

Unsecured Funding Strategy: Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

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Arterial Asphalt and Concrete Program

Project No:	MC-TR-C070	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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. This project was superseded by Arterial Asphalt and Concrete Program Phase II.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	375	-	-	-	-	-	-	-	375
Commercial Parking Tax	15,924	11	-	-	-	-	-	-	15,935
Drainage and Wastewater Rates	1,871	-	-	-	-	-	-	-	1,871
Federal Grant Funds	16,238	-	-	-	-	-	-	-	16,238
General Fund	3,200	-	-	-	-	-	-	-	3,200
Interfund Loan	11,088	-	-	-	-	-	-	-	11,088
King County Funds	585	-	-	-	-	-	-	-	585
LTGO Bond Proceeds	25,143	-	-	-	-	-	-	-	25,143
Private Funding/Donations	1,937	-	-	-	-	-	-	-	1,937
Property Sales and Interest Earnings	253	-	-	-	-	-	-	-	253
Real Estate Excise Tax I	501	-	-	-	-	-	-	-	501
Real Estate Excise Tax II	17,098	-	-	-	-	-	-	-	17,098
State Gas Taxes - City Street Fund	816	-	-	-	-	-	-	-	816
State Grant Funds	5,583	-	-	-	-	-	-	-	5,583
Street Vacations - CRSU	950	-	-	-	-	-	-	-	950
Transportation Funding Package - Business Transportation Tax	7,250	-	-	-	-	-	-	-	7,250
Transportation Funding Package - Lid Lift	105,759	(22)	-	-	-	-	-	-	105,737
Transportation Move Seattle Levy - Lid Lift	8,792	(1)	-	-	-	-	-	-	8,792
Vehicle Licensing Fees	346	-	-	-	-	-	-	-	346
Total:	223,709	(12)	-	-	-	-	-	-	223,697

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Multipurpose LTGO Bond Fund	3,962	-	-	-	-	-	-	-	3,962
2009 Multipurpose LTGO Bond Fund	15,131	-	-	-	-	-	-	-	15,131
2011 Multipurpose LTGO Bond Fund	5,250	-	-	-	-	-	-	-	5,250
Bridging The Gap Levy Fund	105,759	(22)	-	-	-	-	-	-	105,737
General Fund	3,200	-	-	-	-	-	-	-	3,200
Move Seattle Levy Fund	8,781	11	-	-	-	-	-	-	8,792
REET I Capital Fund	501	-	-	-	-	-	-	-	501
REET II Capital Fund	17,098	-	-	-	-	-	-	-	17,098
Transportation Benefit District Fund	346	-	-	-	-	-	-	-	346
Transportation Bond Fund	800	-	-	-	-	-	-	-	800
Transportation Fund	61,931	-	-	-	-	-	-	-	61,931
Unrestricted Cumulative Reserve Fund	950	-	-	-	-	-	-	-	950
Total:	223,709	(12)	-	-	-	-	-	-	223,697

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Arterial Major Maintenance

Project No:	MC-TR-C071	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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 but 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	3,534	30	-	1,650	1,650	1,650	1,733	1,784	12,030
Parking Garage Disposition Proceeds	1,560	-	-	-	-	-	-	-	1,560
Real Estate Excise Tax I	4,341	-	-	-	-	-	-	-	4,341
Real Estate Excise Tax II	1,185	2,473	2,500	-	-	-	-	-	6,158
State Gas Taxes - City Street Fund	1	-	-	-	-	-	-	-	1
Street Vacations - SVF	295	-	658	-	-	-	-	-	953
Transportation Funding Package - Lid Lift	2,288	-	-	-	-	-	-	-	2,288
Transportation Move Seattle Levy - Lid Lift	6,441	2,659	2,900	2,000	2,000	2,000	2,001	-	20,001
Vehicle Licensing Fees	1,280	634	630	646	662	679	693	714	5,938
Total:	20,924	5,797	6,688	4,296	4,312	4,329	4,427	2,498	53,270
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	2,288	-	-	-	-	-	-	-	2,288
Garage Disposition Proceeds	1,560	-	-	-	-	-	-	-	1,560
Move Seattle Levy Fund	6,441	2,659	2,900	2,000	2,000	2,000	2,001	-	20,001
REET I Capital Fund	4,341	-	-	-	-	-	-	-	4,341
REET II Capital Fund	1,185	2,473	2,500	-	-	-	-	-	6,158
Transportation Benefit District Fund	1,282	633	630	646	662	679	693	714	5,938
Transportation Fund	3,828	32	658	1,650	1,650	1,650	1,733	1,784	12,984
Total:	20,924	5,797	6,688	4,296	4,312	4,329	4,427	2,498	53,270
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	2,500	2,500	2,500	2,500	4,637	14,637
Total:	-	-	-	2,500	2,500	2,500	2,500	4,637	14,637

Unsecured Funding Strategy: This program is evaluated annually for continuation of REET funding, based on fund availability. Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

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Ballard to Downtown High Capacity Transit and Ship Canal Crossing Project

Project No:	MC-TR-C080	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Downtown Ballard
Current Project Stage:	Stage 6 - Closeout	Council District:	Multiple
Start/End Date:	2013 - 2017	Neighborhood District:	Multiple
Total Project Cost:	\$800	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	546	-	-	-	-	-	-	-	546
Transportation Funding Package - Lid Lift	54	-	-	-	-	-	-	-	54
Vehicle Licensing Fees	156	44	-	-	-	-	-	-	200
Total:	756	44	-	-	-	-	-	-	800
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	54	-	-	-	-	-	-	-	54
General Fund	546	-	-	-	-	-	-	-	546
Transportation Benefit District Fund	156	44	-	-	-	-	-	-	200
Total:	756	44	-	-	-	-	-	-	800

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Bike Master Plan - Greenways

Project No:	MC-TR-C063	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Developer Mitigation	-	800	-	-	-	-	-	-	800
Landscape Conservation & Local Infrastructure Program	-	1,374	-	-	-	-	-	-	1,374
Real Estate Excise Tax II	-	550	-	-	-	-	-	-	550
State Gas Taxes - City Street Fund	-	-	-	1,000	1,000	-	-	-	2,000
State Grant Funds	-	544	-	-	-	-	-	-	544
Traffic Enforcement Camera Revenue	-	1,400	-	-	-	-	-	-	1,400
Transportation Move Seattle Levy - Lid Lift	4,345	1,466	9,368	4,146	2,045	748	-	-	22,119
Vehicle Licensing Fees	144	1,556	-	-	-	-	-	-	1,700
Total:	4,489	7,691	9,368	5,146	3,045	748	-	-	30,487
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	4,345	1,466	9,368	4,146	2,045	748	-	-	22,119
REET II Capital Fund	-	550	-	-	-	-	-	-	550
School Safety Traffic and Pedestrian Improvement Fund	-	1,400	-	-	-	-	-	-	1,400
Transportation Benefit District Fund	78	1,622	-	-	-	-	-	-	1,700
Transportation Fund	66	2,652	-	1,000	1,000	-	-	-	4,718
Total:	4,489	7,691	9,368	5,146	3,045	748	-	-	30,487
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	1,121	1,680	3,615	6,416
Total:	-	-	-	-	-	1,121	1,680	3,615	6,416

Unsecured Funding Strategy: SDOT will evaluate deliverables, prioritize and scale projects to the extent feasible, and continue to pursue grant and partnership opportunities to resolve potential funding deficits. Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Bike Master Plan - Protected Bike Lanes

Project No:	MC-TR-C062	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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 the 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	289	136	-	-	-	-	-	-	424
Commercial Parking Tax	1,347	15	-	-	-	-	-	-	1,362
Developer Mitigation	-	1,600	-	-	-	-	-	-	1,600
Drainage and Wastewater Rates	147	-	-	-	-	-	-	-	147
Federal Grant Funds	5,650	4,919	-	-	-	-	-	-	10,569
General Fund	1,100	-	-	-	-	-	-	-	1,100
Private Funding/Donations	10	-	-	-	-	-	-	-	10
Public Benefit Payment	-	-	-	600	1,000	14,000	400	-	16,000
Real Estate Excise Tax I	400	-	-	-	-	-	-	-	400
Real Estate Excise Tax II	437	8	-	-	-	-	-	-	444
Rubble Yard Proceeds	346	-	-	-	-	-	-	-	346
State Gas Taxes - City Street Fund	802	63	10,350	-	-	-	-	-	11,215
State Grant Funds	-	579	-	-	-	-	-	-	579
Transportation Funding Package - Lid Lift	23,944	-	-	-	-	-	-	-	23,944
Transportation Move Seattle Levy - Lid Lift	21,932	6,022	6,849	6,058	1,034	1,592	1,966	-	45,452
User Fees	885	311	-	-	-	-	-	-	1,196
Vehicle Licensing Fees	4,664	1,068	1,322	1,293	1,325	1,358	-	-	11,029
Total:	61,952	14,719	18,520	7,951	3,359	16,950	2,366	-	125,818
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	23,944	-	-	-	-	-	-	-	23,944
General Fund	1,100	-	-	-	-	-	-	-	1,100
Move Seattle Levy Fund	21,932	6,022	6,849	6,058	1,034	1,592	1,966	-	45,452
REET I Capital Fund	400	-	-	-	-	-	-	-	400
REET II Capital Fund	437	8	-	-	-	-	-	-	444
Transportation Benefit District Fund	4,664	1,068	1,322	1,293	1,325	1,358	-	-	11,029
Transportation Fund	9,475	7,622	10,350	600	1,000	14,000	400	-	43,448
Total:	61,952	14,719	18,520	7,951	3,359	16,950	2,366	-	125,818
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	-	191	9,227	9,418
Total:	-	-	-	-	-	-	191	9,227	9,418

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Unsecured Funding Strategy: SDOT will evaluate deliverables, prioritize and scale projects to the extent feasible, and continue to pursue grant and partnership opportunities to resolve potential funding deficits. Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

Bike Master Plan - Urban Trails and Bikeways

Project No:	MC-TR-C060	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Improved Facility	Location:	Multiple
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Funding Package - Lid Lift	94	12	-	-	-	-	-	-	106
Transportation Move Seattle Levy - Lid Lift	1,260	799	1,237	1,238	1,338	1,367	1,451	38	8,726
User Fees	-	304	-	-	-	-	-	-	304
Vehicle Licensing Fees	291	40	-	-	-	-	-	-	331
Total:	1,644	1,156	1,237	1,238	1,338	1,367	1,451	38	9,467
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	94	12	-	-	-	-	-	-	106
Move Seattle Levy Fund	1,260	799	1,237	1,238	1,338	1,367	1,451	38	8,726
Transportation Benefit District Fund	287	43	-	-	-	-	-	-	331
Transportation Fund	4	300	-	-	-	-	-	-	304
Total:	1,644	1,156	1,237	1,238	1,338	1,367	1,451	38	9,467
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	-	-	1,074	1,074
Total:	-	-	-	-	-	-	-	1,074	1,074

Unsecured Funding Strategy: Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Bike Share Expansion

Project No:	MC-TR-C091	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	Stage 6 - Closeout	Council District:	Multiple
Start/End Date:	2016 - 2018	Neighborhood District:	Multiple
Total Project Cost:	\$2,174	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Street Use Fees	-	224	-	-	-	-	-	-	224
User Fees	1,674	276	-	-	-	-	-	-	1,950
Total:	1,674	500	-	-	-	-	-	-	2,174

Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Fund	1,674	500	-	-	-	-	-	-	2,174
Total:	1,674	500	-	-	-	-	-	-	2,174

O&M Impacts: Not applicable - does not create new assets.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Bridge Load Rating

Project No:	MC-TR-C006	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This program rates bridges for safe load-carry capacity as part of a federally mandated program. The work on this project, performed by both City staff and consultants, ensures public safety. Due to new load rating standards issued by the FHA on November 13, 2013 for Specialized Hauling Vehicles (SHV), additional funding was added to the program as part of the 2015-2020 Proposed CIP. The requested funding needed to meet these new standards was provided in 2019; however, shortly after signing the FAST ACT in 2015, FHWA submitted a 2016 memo that required bridge load ratings to consider Emergency Vehicles if they are at least one road-mile access to and from the National Network of highways. The program is currently assessing whether additional funding beyond 2021 will be needed to meet this mandate.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	300	-	-	-	-	-	-	-	300
General Fund	302	-	-	-	-	-	-	-	302
Real Estate Excise Tax I	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax II	1,142	-	-	-	-	-	-	-	1,142
State Gas Taxes - City Street Fund	3,067	1,190	1,066	1,036	1,088	346	273	366	8,432
Vehicle Licensing Fees	200	-	-	-	-	-	-	-	200
Total:	5,012	1,189	1,066	1,036	1,088	346	273	366	10,376
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	302	-	-	-	-	-	-	-	302
REET II Capital Fund	1,142	-	-	-	-	-	-	-	1,142
Transportation Benefit District Fund	200	-	-	-	-	-	-	-	200
Transportation Fund	3,367	1,189	1,066	1,036	1,088	346	273	366	8,732
Total:	5,012	1,189	1,066	1,036	1,088	346	273	366	10,376

O&M Impacts: Not applicable - does not create new assets. Results of Bridge Load Rating studies may inform the need for future O&M.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Bridge Painting Program

Project No:	MC-TR-C007	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple, Citywide
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This ongoing asset preservation program 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 rate of deterioration.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	-	25	-	-	-	-	-	-	25
Federal Grant Funds	180	-	-	-	-	-	-	-	180
General Fund	1,189	-	-	-	-	-	-	-	1,189
King County Funds	10	-	-	-	-	-	-	-	10
Real Estate Excise Tax I	141	-	-	-	-	-	-	-	141
Real Estate Excise Tax II	23,051	9,820	2,135	2,135	2,135	2,135	2,135	2,135	45,681
Rubble Yard Proceeds	300	-	-	-	-	-	-	-	300
South Lake Union Property Sale Proceeds	91	-	-	-	-	-	-	-	91
State Gas Taxes - City Street Fund	464	135	-	-	-	-	-	-	599
Total:	25,426	9,980	2,135	2,135	2,135	2,135	2,135	2,135	48,216
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	1,189	-	-	-	-	-	-	-	1,189
REET I Capital Fund	141	-	-	-	-	-	-	-	141
REET II Capital Fund	23,051	9,820	2,135	2,135	2,135	2,135	2,135	2,135	45,681
Transportation Fund	1,045	160	-	-	-	-	-	-	1,205
Total:	25,426	9,980	2,135	2,135	2,135	2,135	2,135	2,135	48,216

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Bridge Rehabilitation and Replacement

Project No:	MC-TR-C045	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Fairview Ave E between E. Blaine St and Fairview A
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Lake Union
Total Project Cost:	N/A	Urban Village:	South Lake Union

This asset preservation program addresses major bridge rehabilitation or replacement projects. The only outstanding project in this program is the Fairview Ave Bridge Replacement Project. The project is going in construction Fall of 2019 and is anticipated to be completed by mid-2021.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	2,876	25	-	-	-	-	-	-	2,901
Commercial Parking Tax	2,647	-	-	-	-	-	-	-	2,647
Drainage and Wastewater Rates	207	395	186	-	-	-	-	-	788
Federal Grant Funds	16,093	4,343	1,200	-	-	-	-	-	21,636
General Fund	11	-	-	-	-	-	-	-	11
King County Funds	540	-	-	-	-	-	-	-	540
LTGO Bond Proceeds	57,079	1,333	-	-	-	-	-	-	58,412
Private Funding/Donations	2,374	-	-	-	-	-	-	-	2,374
Public Works Trust Fund Proceeds	7,000	6,198	3,242	560	-	-	-	-	17,000
Real Estate Excise Tax II	320	-	-	-	-	-	-	-	320
State Gas Taxes - City Street Fund	20	-	-	-	-	-	-	-	20
State Grant Funds	-	3,657	2,060	470	-	-	-	-	6,187
Street Vacations - SVF	132	1,418	-	-	-	-	-	-	1,550
Transportation Funding Package - Business Transportation Tax	1,544	-	-	-	-	-	-	-	1,544
Transportation Funding Package - Lid Lift	2,777	166	-	-	-	-	-	-	2,943
Transportation Move Seattle Levy - Lid Lift	2,064	7,582	6,809	3,009	276	30	63	-	19,833
Water Rates	223	-	-	-	-	-	-	-	223
Total:	95,906	25,116	13,497	4,039	276	30	63	-	138,927

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Multipurpose LTGO Bond Fund	3,965	-	-	-	-	-	-	-	3,965
2009 Multipurpose LTGO Bond Fund	14,341	-	-	-	-	-	-	-	14,341
2010 Multipurpose LTGO Bond Fund	30,464	-	-	-	-	-	-	-	30,464
2011 Multipurpose LTGO Bond Fund	2,748	-	-	-	-	-	-	-	2,748
2015 Multipurpose LTGO Bond Fund	4,492	33	-	-	-	-	-	-	4,525
2017 Multipurpose LTGO Bond Fund	1,064	1,305	-	-	-	-	-	-	2,369
Bridging The Gap Levy Fund	2,777	166	-	-	-	-	-	-	2,943
General Fund	11	-	-	-	-	-	-	-	11
Move Seattle Levy Fund	2,064	7,582	6,809	3,009	276	30	63	-	19,833
REET II Capital Fund	320	-	-	-	-	-	-	-	320
Transportation Fund	33,661	16,030	6,688	1,030	-	-	-	-	57,409
Total:	95,906	25,116	13,497	4,039	276	30	63	-	138,927

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Bridge Rehabilitation and Replacement Phase II

Project No:	MC-TR-C039	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This asset preservation program funds major bridge rehabilitation or bridge replacement. The current program, funded by the Levy to Move Seattle, is focused on planning studies. The objective of these bridge planning studies is to identify if the bridge should be rehabilitated or replaced and provided planning level costs to allow for the City and the Program Owner to prioritize the list of bridges.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	149	104	-	-	-	-	-	-	253
Federal Grant Funds	1,559	2,388	-	-	-	-	-	-	3,947
LTGO Bond Proceeds	683	250	-	-	-	-	-	-	933
Real Estate Excise Tax I	-	122	-	-	-	-	-	-	122
Real Estate Excise Tax II	139	642	-	-	-	-	-	-	781
Street Vacations - SVF	-	186	-	-	-	-	-	-	186
Transportation Move Seattle Levy - Lid Lift	1,892	5,147	3,716	3,460	845	-	-	-	15,060
Total:	4,422	8,839	3,716	3,460	845	-	-	-	21,282
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2011 Multipurpose LTGO Bond Fund	315	9	-	-	-	-	-	-	324
2015 Multipurpose LTGO Bond Fund	368	241	-	-	-	-	-	-	609
Move Seattle Levy Fund	1,892	5,147	3,716	3,460	845	-	-	-	15,060
REET I Capital Fund	-	122	-	-	-	-	-	-	122
REET II Capital Fund	139	642	-	-	-	-	-	-	781
Transportation Fund	1,709	2,677	-	-	-	-	-	-	4,386
Total:	4,422	8,839	3,716	3,460	845	-	-	-	21,282

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Bridge Seismic - Phase III

Project No:	MC-TR-C008	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

The program prioritizes and implements seismic retrofits to bridges based on traffic importance and seismic vulnerability. Concept level analysis and evaluation is performed to develop a retrofit strategy and cost estimate. As funding allows, full retrofit design and construction phases are implemented. If full funding is not available, seismic retrofits are scaled to a level that provides some seismic resiliency to the bridge structure. As part of the evaluation process a cost-benefit assessment is made to determine if replacing the structure is a more appropriate course of action than seismically retrofitting the structure. 16 bridges are part of the current phase of the program which is funded by the Levy to Move Seattle.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	-	18	112	-	12	-	-	-	142
Federal Grant Funds	953	3,158	674	-	-	-	-	-	4,785
LTGO Bond Proceeds	525	-	-	-	-	-	-	-	525
Street Vacations - SVF	637	657	-	-	-	-	-	-	1,294
Transportation Funding Package - Lid Lift	97	-	-	-	-	-	-	-	97
Transportation Move Seattle Levy - Lid Lift	3,726	13,537	14,189	10,543	7,044	14,204	5,054	-	68,297
Total:	5,937	17,369	14,975	10,543	7,056	14,204	5,054	-	75,139
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2011 Multipurpose LTGO Bond Fund	525	-	-	-	-	-	-	-	525
Bridging The Gap Levy Fund	97	-	-	-	-	-	-	-	97
Move Seattle Levy Fund	3,669	13,593	14,189	10,543	7,044	14,204	5,054	-	68,297
Transportation Fund	1,646	3,776	786	-	12	-	-	-	6,220
Total:	5,937	17,369	14,975	10,543	7,056	14,204	5,054	-	75,139
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	-	725	5,952	6,676
Total:	-	-	-	-	-	-	725	5,952	6,676

Unsecured Funding Strategy: SDOT will evaluate deliverables, prioritize and scale projects to the extent feasible, and continue to pursue grant and partnership opportunities to resolve potential funding deficits. Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: Not applicable - does not create new assets.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

BRT Concepts Design

Project No:	MC-TR-C010	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Multiple
Start/End Date:	2016 - 2021	Neighborhood District:	Multiple
Total Project Cost:	\$2,500	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Move Seattle Levy - Lid Lift	1,219	781	219	281	-	-	-	-	2,500
Total:	1,219	781	219	281	-	-	-	-	2,500
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	1,219	781	219	281	-	-	-	-	2,500
Total:	1,219	781	219	281	-	-	-	-	2,500

O&M Impacts: Not applicable - does not create new assets.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Burke Gilman Trail Improvements - UW Campus

Project No:	MC-TR-C086	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Multiple
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 4
Start/End Date:	2017 - 2019	Neighborhood District:	Northeast
Total Project Cost:	\$750	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	9	741	-	-	-	-	-	-	750
Total:	9	741	-	-	-	-	-	-	750
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Fund	9	741	-	-	-	-	-	-	750
Total:	9	741	-	-	-	-	-	-	750

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by bringing assets to a new or like new condition.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Burke-Gilman Trail Extension

Project No:	MC-TR-C044	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	Various
Current Project Stage:	Stage 5 - Construction	Council District:	Council District 6
Start/End Date:	1995 - 2020	Neighborhood District:	Ballard
Total Project Cost:	\$37,924	Urban Village:	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. Project completion is anticipated in 2020.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	369	1,083	762	-	-	-	-	-	2,214
Commercial Parking Tax	710	-	-	-	-	-	-	-	710
Drainage and Wastewater Rates	373	158	-	-	-	-	-	-	531
Federal Grant Funds	4,938	-	-	-	-	-	-	-	4,938
General Fund	672	-	-	-	-	-	-	-	672
King County Funds	528	1,079	911	-	-	-	-	-	2,519
King County Voter-Approved Levy	635	-	-	-	-	-	-	-	635
LTGO Bond Proceeds	1,118	-	-	-	-	-	-	-	1,118
Private Funding/Donations	880	-	234	-	-	-	-	-	1,114
Real Estate Excise Tax II	1,723	-	-	-	-	-	-	-	1,723
State Gas Taxes - City Street Fund	918	-	-	-	-	-	-	-	918
Street Vacations - SVF	150	-	1,200	-	-	-	-	-	1,350
Surplus Property Sales	-	1,399	-	-	-	-	-	-	1,399
Trail and Open Space Levy	4,157	53	-	-	-	-	-	-	4,210
Transportation Funding Package - Business Transportation Tax	458	-	-	-	-	-	-	-	458
Transportation Funding Package - Lid Lift	2,548	-	-	-	-	-	-	-	2,548
Transportation Move Seattle Levy - Lid Lift	330	6,670	2,000	-	-	-	-	-	9,000
Vehicle Licensing Fees	1,643	-	-	-	-	-	-	-	1,643
Water Rates	224	-	-	-	-	-	-	-	224
Total:	22,374	10,443	5,107	-	-	-	-	-	37,924

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2000 Parks Levy Fund	560	54	-	-	-	-	-	-	613
2008 Parks Levy Fund	3,597	-	-	-	-	-	-	-	3,597
2009 Multipurpose LTGO Bond Fund	734	-	-	-	-	-	-	-	734
Bridging The Gap Levy Fund	2,548	-	-	-	-	-	-	-	2,548
General Fund	672	-	-	-	-	-	-	-	672
Move Seattle Levy Fund	330	6,670	2,000	-	-	-	-	-	9,000
REET II Capital Fund	1,723	-	-	-	-	-	-	-	1,723
Transportation Benefit District Fund	1,643	-	-	-	-	-	-	-	1,643
Transportation Bond Fund	384	-	-	-	-	-	-	-	384
Transportation Fund	9,549	3,719	3,107	-	-	-	-	-	16,374
Unrestricted Cumulative Reserve Fund	635	-	-	-	-	-	-	-	635
Total:	22,374	10,443	5,107	-	-	-	-	-	37,924

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Canton and Nord Alleys

Project No:	MC-TR-C065	BSL Code:	BC-TR-19001
Project Type:	Discrete	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Nord AL/S Main St/S Jackson St
Current Project Stage:	Stage 6 - Closeout	Council District:	Multiple
Start/End Date:	2014 - 2019	Neighborhood District:	Downtown
Total Project Cost:	\$2,499	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	117	-	-	-	-	-	-	-	117
Drainage and Wastewater Rates	44	-	-	-	-	-	-	-	44
Federal Grant Funds	725	126	-	-	-	-	-	-	851
Private Funding/Donations	626	240	-	-	-	-	-	-	866
Real Estate Excise Tax II	314	4	-	-	-	-	-	-	318
Street Vacations - CRSU	130	-	-	-	-	-	-	-	130
User Fees	172	2	-	-	-	-	-	-	173
Total:	2,128	371	-	-	-	-	-	-	2,499
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET II Capital Fund	314	4	-	-	-	-	-	-	318
Transportation Fund	1,684	367	-	-	-	-	-	-	2,051
Unrestricted Cumulative Reserve Fund	130	-	-	-	-	-	-	-	130
Total:	2,128	371	-	-	-	-	-	-	2,499

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Center City Gateway and South Michigan Street Intelligent Transportation Systems (ITS)

Project No:	MC-TR-C012	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	S Spokane ST/Western Ave/E Marginal Way/Stewart
Current Project Stage:	Stage 3 - Design	Council District:	Multiple
Start/End Date:	2015 - 2021	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$16,267	Urban Village:	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. The project will also construct an ITS corridor along Denny Way between Western Ave and Stewart including traffic signal modifications and closed-circuit television cameras, a dynamic message sign and ADA compliant ramps. A robust and reliable Intelligent Transportation System ensures that all modes of transportation can move through the City in a safe and sustainable manner.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Developer Mitigation	304	1,084	-	-	-	-	-	-	1,388
Federal Grant Funds	3,071	2,801	234	4,815	-	-	-	-	10,922
Street Vacations - SVF	1,262	37	-	-	-	-	-	-	1,300
Transportation Move Seattle Levy - Lid Lift	-	-	478	2,178	-	-	-	-	2,657
Total:	4,638	3,923	713	6,993	-	-	-	-	16,267
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	-	-	478	2,178	-	-	-	-	2,657
Transportation Fund	4,638	3,923	234	4,815	-	-	-	-	13,610
Total:	4,638	3,923	713	6,993	-	-	-	-	16,267

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Center City Streetcar Connector

Project No:	MC-TR-C040	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	Various
Current Project Stage:	Stage 3 - Design	Council District:	Council District 7
Start/End Date:	2012 - 2026	Neighborhood District:	Multiple
Total Project Cost:	\$271,000	Urban Village:	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.

An interfund loan of \$9,000,000 will enable this project to reach 30% Design. The SDOT portion of total project costs is currently estimated to be \$271 million. Of this amount, \$262 million is included in the 2020-2025 CIP budget with an additional \$9 million in estimated costs in 2026.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	805	4,447	-	-	-	8,700	2,600	331	16,882
Commercial Parking Tax	-	500	-	-	-	-	-	-	500
Drainage and Wastewater Rates	2,227	3,288	-	-	2,500	8,000	2,500	391	18,906
Federal Grant Funds	13,720	20,228	-	-	-	19,949	18,598	10,705	83,200
Interfund Loan	-	9,000	-	-	-	-	-	-	9,000
LTGO Bond Proceeds	4,701	-	-	-	-	-	-	-	4,701
Street Vacations - CRSU	1,500	-	-	-	-	-	-	-	1,500
Street Vacations - SVF	100	-	-	-	-	-	-	-	100
Surplus Property Sales	2,450	-	-	-	-	-	-	-	2,450
Transportation Funding Package - Lid Lift	1,375	-	-	-	-	-	-	-	1,375
Vehicle Licensing Fees	3,968	-	-	-	-	-	-	-	3,968
Water Rates	13,211	-	-	-	2,500	8,000	2,500	400	26,611
Total:	44,057	37,462	-	-	5,000	44,649	26,198	11,828	169,194
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2017 Multipurpose LTGO Bond Fund	4,701	-	-	-	-	-	-	-	4,701
Bridging The Gap Levy Fund	1,375	-	-	-	-	-	-	-	1,375
Transportation Benefit District Fund	3,968	-	-	-	-	-	-	-	3,968
Transportation Fund	32,513	37,462	-	-	5,000	44,649	26,198	11,828	157,650
Unrestricted Cumulative Reserve Fund	1,500	-	-	-	-	-	-	-	1,500
Total:	44,057	37,462	-	-	5,000	44,649	26,198	11,828	169,194
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	2,000	15,800	34,000	26,000	15,006	92,806
Total:	-	-	-	2,000	15,800	34,000	26,000	15,006	92,806

Unsecured Funding Strategy: SDOT will continue to work with the Mayor's office and City Council to identify possible funding solutions to complete the Center City Connector project. In addition to the unsecured funding shown below, \$8.5M is also unfunded in 2026.

O&M Impacts: The Center City Connector would combine the two existing lines into a single Streetcar network. SDOT is currently working in collaboration with King County Metro on an operation plan for a single line. We expect to have an estimate of annual operating costs when the Center City Connector project reaches 30% design.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Columbia Two-Way Street Improvements

Project No:	MC-TR-C056	BSL Code:	BC-TR-19001
Project Type:	Discrete	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Columbia ST/1st AVE/3rd AVE
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 7
Start/End Date:	2014 - 2019	Neighborhood District:	Downtown
Total Project Cost:	\$3,812	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Federal Grant Funds	1,589	-	-	-	-	-	-	-	1,589
King County Funds	1,069	1,147	-	-	-	-	-	-	2,215
Real Estate Excise Tax II	2	6	-	-	-	-	-	-	8
Total:	2,660	1,152	-	-	-	-	-	-	3,813
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET II Capital Fund	-	8	-	-	-	-	-	-	8
Transportation Fund	2,660	1,144	-	-	-	-	-	-	3,805
Total:	2,660	1,152	-	-	-	-	-	-	3,813

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Debt Service - REET II

Project No:	MO-TR-D006	BSL Code:	BO-TR-18002
Project Type:	Debt Service	BSL Name:	General Expense
Project Category:	Rehabilitation or Restoration	Location:	N/A
Current Project Stage:	N/A	Council District:	Not Applicable
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

The project funds debt service for the following capital projects: Alaskan Way Viaduct/Seawall (MC-TR-C006), Alaskan Way Main Corridor (MC-TR-C072), and Fremont Bridge Approaches (TC365790, no new Project ID because project completed prior to 2018).

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax II	-	-	815	815	813	815	815	815	4,887
Total:	-	-	815	815	813	815	815	815	4,887
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET II Capital Fund	-	-	815	815	813	815	815	815	4,887
Total:	-	-	815	815	813	815	815	815	4,887

O&M Impacts:

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Delridge Way SW - RapidRide H Line

Project No:	MC-TR-C042	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Delridge AVE
Current Project Stage:	Stage 3 - Design	Council District:	Council District 1
Start/End Date:	2016 - 2022	Neighborhood District:	Delridge
Total Project Cost:	\$34,300	Urban Village:	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.

Note: The project title is changing from "Delridge Multimodal Corridor" to "Delridge Way SW - RapidRide H Line".

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
King County Funds	-	200	7,000	5,000	1,800	-	-	-	14,000
State Grant Funds	560	1,647	4,393	2,900	1,000	-	-	-	10,500
Transportation Move Seattle Levy - Lid Lift	1,226	574	3,834	1,297	2,569	-	-	-	9,500
Vehicle Licensing Fees	179	121	-	-	-	-	-	-	300
Total:	1,965	2,542	15,227	9,196	5,369	-	-	-	34,299
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	1,040	760	3,834	1,297	2,569	-	-	-	9,500
Transportation Benefit District Fund	179	121	-	-	-	-	-	-	300
Transportation Fund	746	1,661	11,393	7,900	2,800	-	-	-	24,500
Total:	1,965	2,542	15,227	9,196	5,369	-	-	-	34,299

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Elliott Bay Seawall Project

Project No:	MC-TR-C014	BSL Code:	BC-TR-19002
Project Type:	Discrete	BSL Name:	Major Projects
Project Category:	Rehabilitation or Restoration	Location:	Alaskan WAY
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 7
Start/End Date:	2013 - 2019	Neighborhood District:	Downtown
Total Project Cost:	\$373,608	Urban Village:	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 (MC-TR-C066).

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	2,750	-	-	-	-	-	-	-	2,750
King County Funds	20,750	-	-	-	-	-	-	-	20,750
LTGO Bond Proceeds	38,843	4,389	-	-	-	-	-	-	43,232
Parking Garage Disposition Proceeds	9,312	-	-	-	-	-	-	-	9,312
Private Funding/Donations	-	900	-	-	-	-	-	-	900
Real Estate Excise Tax II	14,720	823	-	-	-	-	-	-	15,542
Seawall Levy	280,246	825	-	-	-	-	-	-	281,071
State Gas Taxes - City Street Fund	-	41	-	-	-	-	-	-	41
User Fees	10	-	-	-	-	-	-	-	10
Total:	366,631	6,977	-	-	-	-	-	-	373,608
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2012 Multipurpose LTGO Bond Fund	2,800	-	-	-	-	-	-	-	2,800
2016 Multipurpose LTGO Bond Fund	8,651	90	-	-	-	-	-	-	8,741
2017 Multipurpose LTGO Bond Fund	27,090	98	-	-	-	-	-	-	27,188
2018 Multipurpose LTGO Bond Fund	302	-	-	-	-	-	-	-	302
2019 Multipurpose LTGO Bond Fund	-	4,200	-	-	-	-	-	-	4,200
Alaskan Way Seawall	-	825	-	-	-	-	-	-	825
Alaskan Way Seawall Const Fund	280,246	-	-	-	-	-	-	-	280,246
Garage Disposition Proceeds	9,312	1	-	-	-	-	-	-	9,313
REET II Capital Fund	14,114	1,428	-	-	-	-	-	-	15,542
Transportation Fund	24,115	336	-	-	-	-	-	-	24,451
Total:	366,631	6,977	-	-	-	-	-	-	373,608

O&M Impacts: SDOT has a capital project for the maintenance of the Elliott Bay Seawall, which is constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Fauntleroy Way SW Boulevard

Project No:	MC-TR-C046	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Fauntleroy WAY SW/35th AVE SW/SW Alaska ST
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 1
Start/End Date:	2012 - 2022	Neighborhood District:	Southwest
Total Project Cost:	\$17,954	Urban Village:	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. These safety improvements include bicycle and pedestrian crossings, signals, reconfigured intersections and bulbs, and pavement improvements. This project is on-hold pending Sound Transit decision on the West Seattle Extension alignment and does not have an expected Completion Date as a result.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	168	31	-	-	-	-	-	-	200
Real Estate Excise Tax I	71	-	-	-	-	-	-	-	71
Real Estate Excise Tax II	1,433	-	-	-	-	-	-	-	1,433
Rubble Yard Proceeds	250	-	-	-	-	-	-	-	250
Transportation Move Seattle Levy - Lid Lift	847	1,209	-	3,000	10,945	-	-	-	16,000
Total:	2,769	1,240	-	3,000	10,945	-	-	-	17,954
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	847	1,209	-	3,000	10,945	-	-	-	16,000
REET I Capital Fund	71	-	-	-	-	-	-	-	71
REET II Capital Fund	1,433	-	-	-	-	-	-	-	1,433
Transportation Fund	418	31	-	-	-	-	-	-	450
Total:	2,769	1,240	-	3,000	10,945	-	-	-	17,954

O&M Impacts: Not applicable - project is on hold.

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First Hill Streetcar

Project No:	MC-TR-C075	BSL Code:	BC-TR-19002
Project Type:	Discrete	BSL Name:	Major Projects
Project Category:	New Facility	Location:	Various
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 7
Start/End Date:	2009 - 2019	Neighborhood District:	Multiple
Total Project Cost:	\$140,700	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	2,538	18	-	-	-	-	-	-	2,556
Property Sales and Interest Earnings	4,698	-	-	-	-	-	-	-	4,698
Sound Transit Funds	132,181	-	-	-	-	-	-	-	132,181
Street Vacations - SVF	1,266	-	-	-	-	-	-	-	1,266
Total:	140,683	18	-	-	-	-	-	-	140,701
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Fund	140,683	18	-	-	-	-	-	-	140,701
Total:	140,683	18	-	-	-	-	-	-	140,701

O&M Impacts: The First Hill Streetcar line opened in February 2016. For more information related to O&M impacts, please refer to Semi-Annual Streetcar Operations Reports.

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Fortson Square Redesign Implementation

Project No:	MC-TR-C104	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Yesler Way and 2nd Ave Ext S
Current Project Stage:	Stage 3 - Design	Council District:	Council District 7
Start/End Date:	2020 - 2021	Neighborhood District:	Downtown
Total Project Cost:	\$400	Urban Village:	Downtown

This project reconstructs Fortson Square to promote more public use of the right-of-way at this public plaza. The project would be coordinated with the adjoining Chief Seattle Club renovation.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Network Company Revenue	-	-	400	-	-	-	-	-	400
Total:	-	-	400	-	-	-	-	-	400
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	-	-	400	-	-	-	-	-	400
Total:	-	-	400	-	-	-	-	-	400

O&M Impacts:

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Freight Spot Improvement Program

Project No:	MC-TR-C047	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Port of Seattle Funds	-	-	3,779	1,061	-	-	-	-	4,840
Real Estate Excise Tax II	127	-	-	-	-	-	-	-	127
Rubble Yard Proceeds	892	-	-	-	-	-	-	-	892
Seattle Voter-Approved Levy	-	514	-	-	-	-	-	-	514
Sound Transit Funds	-	80	-	-	-	-	-	-	80
State Gas Taxes - City Street Fund	1,501	2	-	-	-	-	-	-	1,502
State Grant Funds	11	139	-	-	-	-	-	-	150
Street Vacations - SVF	195	61	-	-	-	-	-	-	256
Transportation Move Seattle Levy - Lid Lift	3,969	525	1,544	2,017	2,000	1,930	1,514	-	13,500
Total:	6,695	1,321	5,323	3,078	2,000	1,930	1,514	-	21,861
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	3,969	1,039	1,544	2,017	2,000	1,930	1,514	-	14,014
REET II Capital Fund	127	-	-	-	-	-	-	-	127
Transportation Fund	2,599	282	3,779	1,061	-	-	-	-	7,720
Total:	6,695	1,321	5,323	3,078	2,000	1,930	1,514	-	21,861
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	-	-	1,500	1,500
Total:	-	-	-	-	-	-	-	1,500	1,500

Unsecured Funding Strategy: Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

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Georgetown to South Park Trail

Project No:	MC-TR-C096	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	Various
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Multiple
Start/End Date:	2018 - 2021	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$2,400	Urban Village:	South Park

This project will create a walkable, bikeable path uniting the Georgetown and South Park neighborhoods. The path will enhance walkability between Georgetown and South Park's historic Main Streets. Funding covers preliminary engineering, design, and outreach.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	62	538	-	-	-	-	-	-	600
Total:	62	538	-	-	-	-	-	-	600
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Fund	62	538	-	-	-	-	-	-	600
Total:	62	538	-	-	-	-	-	-	600
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	1,800	-	-	-	-	1,800
Total:	-	-	-	1,800	-	-	-	-	1,800

Unsecured Funding Strategy: Current funding provides for preliminary engineering, design and outreach. SDOT will evaluate the project for future funding opportunities following the preliminary planning and design phase.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Graham Street Station

Project No:	MC-TR-C082	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	MLK between Graham and Morgan
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 2
Start/End Date:	2016 - 2024	Neighborhood District:	Southeast
Total Project Cost:	\$10,000	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Move Seattle Levy - Lid Lift	-	5	-	-	-	-	9,995	-	10,000
Total:	-	5	-	-	-	-	9,995	-	10,000
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	-	5	-	-	-	-	9,995	-	10,000
Total:	-	5	-	-	-	-	9,995	-	10,000

O&M Impacts: This project provides SDOT support to Sound Transit, who will own the light rail asset. SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Hazard Mitigation Program - Areaways

Project No:	MC-TR-C035	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Pioneer Square

This ongoing asset preservation program funds ongoing inspection and repair/reconstruction 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 the building foundation and street wall. Typical improvements may include, but are not limited to, repairs to the existing areaway and/or filling the areaway in order to eliminate the asset. Currently the program is conducting a comprehensive evaluation of areaways, specifically within the Pioneer Square District, where load restrictions within the curb lane has been implemented due to the severity of the deterioration.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	19	-	-	-	-	-	-	-	19
Federal Grant Funds	792	953	-	-	-	-	-	-	1,745
General Fund	240	-	-	-	-	-	-	-	240
Private Funding/Donations	10	-	-	-	-	-	-	-	10
Real Estate Excise Tax II	5,486	1,220	333	334	343	343	343	343	8,745
State Gas Taxes - City Street Fund	-	168	48	56	57	59	61	63	512
State Grant Funds	132	159	-	-	-	-	-	-	291
Total:	6,679	2,500	381	390	400	402	404	406	11,563
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	240	-	-	-	-	-	-	-	240
REET II Capital Fund	5,372	1,334	333	334	343	343	343	343	8,745
Transportation Fund	1,068	1,166	48	56	57	59	61	63	2,577
Total:	6,679	2,500	381	390	400	402	404	406	11,563

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Hazard Mitigation Program - Landslide Mitigation Projects

Project No:	MC-TR-C015	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	49	-	-	-	-	-	-	-	49
Emergency Subfund Revenues	395	-	-	-	-	-	-	-	395
Federal Grant Funds	1,301	-	-	-	-	-	-	-	1,301
General Fund	1	-	-	-	-	-	-	-	1
Private Funding/Donations	22	-	-	-	-	-	-	-	22
Real Estate Excise Tax II	6,211	2,142	200	200	200	200	200	200	9,553
State Gas Taxes - City Street Fund	1,263	795	275	282	288	296	303	310	3,811
User Fees	1,415	(190)	-	-	-	-	-	-	1,225
Total:	10,657	2,746	475	482	488	496	503	510	16,357
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Emergency Fund	395	-	-	-	-	-	-	-	395
General Fund	1	-	-	-	-	-	-	-	1
REET II Capital Fund	6,211	2,142	200	200	200	200	200	200	9,553
Transportation Fund	4,051	604	275	282	288	296	303	310	6,408
Total:	10,657	2,746	475	482	488	496	503	510	16,357

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

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Heavy Haul Network Program - East Marginal Way

Project No:	MC-TR-C090	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	E Marginal WAY
Current Project Stage:	Stage 3 - Design	Council District:	Multiple
Start/End Date:	2016 - 2024	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$60,237	Urban Village:	Not in an Urban Village

This program supports freight mobility by funding roadway improvements on the Heavy Haul Network (Ordinance 124890) to meet the needs of freight transported on our streets between Port facilities, rail yards, and industrial businesses. The initial project under this Program is the E Marginal Way Corridor Improvement project, which will be a multi-phase project. Phase I constructs a separated bicycle/pedestrian facility between S Atlantic St and Spokane St. Phase II includes roadway reconstruction, signal and ITS enhancements and safety measures to reduce conflicts between freight and non-motorized users. The Port of Seattle, through Memorandum of Understanding, is to provide partnership funding.
 Note: The project title changed from "Heavy Haul Network Program" to "Heavy Haul Network Program - East Marginal Way"

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	-	144	-	-	-	-	-	-	144
Federal Grant Funds	-	2,500	3,500	-	-	-	-	-	6,000
State Grant Funds	-	3,000	-	1,500	1,500	2,000	1,100	-	9,100
Transportation Move Seattle Levy - Lid Lift	1,025	804	-	3,671	1,003	-	-	-	6,502
Water Rates	-	813	-	-	-	-	-	-	813
Total:	1,025	7,261	3,500	5,171	2,503	2,000	1,100	-	22,560
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	1,017	812	-	3,671	1,003	-	-	-	6,502
Transportation Fund	8	6,449	3,500	1,500	1,500	2,000	1,100	-	16,057
Total:	1,025	7,261	3,500	5,171	2,503	2,000	1,100	-	22,560
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	6,592	13,358	13,078	4,650	-	37,678
Total:	-	-	-	6,592	13,358	13,078	4,650	-	37,678

Unsecured Funding Strategy: SDOT plans to pursue a \$15M federal INFRA grant and anticipates a \$10M contribution from the Port of Seattle. SDOT is reviewing funding options for the remaining \$12.7M.

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition. Since it also builds new assets, SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Highland Park Intersection Improvements

Project No:	MC-TR-C100	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Highland Park Way SW and SW Holden ST
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 1
Start/End Date:	2019 - 2022	Neighborhood District:	Southwest
Total Project Cost:	\$4,100	Urban Village:	Not in an Urban Village

This project would mitigate collision and congestion issues at the intersection of Highland Park Way SW and SW Holden St. There are currently two alternatives being considered for this work. One alternative would be installing a new traffic signals, sidewalks, curb ramps and marked crosswalks. SDOT estimates the cost of this alternative at \$3M. The other alternative would install a roundabout at this intersection. After advancing design of the roundabout, we now know that significant grading is needed to accommodate the roundabout and avoid new safety issues. This has pushed the cost estimate to \$7.3M. The name of this project has been changed from Highland Park Roundabout to Highland Park Intersection Improvements. The name change occurred as part of the second quarter 2019 Supplemental Amendment-Attachment A.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
State Gas Taxes - City Street Fund	-	-	500	1,500	1,500	-	-	-	3,500
Transportation Move Seattle Levy - Lid Lift	-	200	400	-	-	-	-	-	600
Total:	-	200	900	1,500	1,500	-	-	-	4,100
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	-	200	400	-	-	-	-	-	600
Transportation Fund	-	-	500	1,500	1,500	-	-	-	3,500
Total:	-	200	900	1,500	1,500	-	-	-	4,100

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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King Street Station Tenant Improvements

Project No:	MC-TR-C049	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	301 S Jackson ST
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 2
Start/End Date:	2016 - 2019	Neighborhood District:	Downtown
Total Project Cost:	\$5,150	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Interdepartmental Transfer	247	3	-	-	-	-	-	-	250
LTGO Bond Proceeds	3,791	609	-	-	-	-	-	-	4,400
Real Estate Excise Tax I	331	169	-	-	-	-	-	-	500
Total:	4,369	781	-	-	-	-	-	-	5,150
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2018 LTGO Taxable Bond Fund	3,791	609	-	-	-	-	-	-	4,400
REET I Capital Fund	331	169	-	-	-	-	-	-	500
Transportation Fund	247	3	-	-	-	-	-	-	250
Total:	4,369	781	-	-	-	-	-	-	5,150

O&M Impacts: Not applicable - does not create new assets.

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Lynnwood Link Extension

Project No:	MC-TR-C089	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	Northgate
Current Project Stage:	N/A	Council District:	Council District 5
Start/End Date:	N/A	Neighborhood District:	Northeast
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Sound Transit Funds	126	209	60	34	70	70	65	-	634
Total:	126	209	60	34	70	70	65	-	634
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Fund	126	209	60	34	70	70	65	-	634
Total:	126	209	60	34	70	70	65	-	634

O&M Impacts: This project provides SDOT support to Sound Transit, who will own the light rail asset. SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Madison BRT - RapidRide G Line

Project No:	MC-TR-C051	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	Madison ST/Alaskan Way/Martin Luther King Junior W
Current Project Stage:	Stage 3 - Design	Council District:	Council District 3
Start/End Date:	2013 - 2022	Neighborhood District:	Multiple
Total Project Cost:	\$121,497	Urban Village:	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. The purpose is to improve transit capacity, travel time, reliability, connectivity, comfort, visibility, and legibility in the Madison corridor.

Note: The project title is changing from "Madison Street Bus Rapid Transit" to "Madison BRT - RapidRide G Line"

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	275	-	-	-	-	-	-	275
Drainage and Wastewater Rates	256	62	-	-	-	-	-	-	318
Federal Grant Funds	1,672	7,988	19,660	-	-	-	-	-	29,320
Interdepartmental Transfer	9	-	-	-	-	-	-	-	9
King County Funds	-	-	1,939	1,524	-	-	-	-	3,463
Misc Future Revenue/Grants	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax II	150	-	-	-	-	-	-	-	150
Sound Transit Funds	-	-	8,225	7,287	12,988	-	-	-	28,500
Transportation Funding Package - Lid Lift	1,710	-	-	-	-	-	-	-	1,710
Transportation Move Seattle Levy - Lid Lift	8,527	1,672	-	2,300	2,500	-	-	-	14,999
Vehicle Licensing Fees	1,000	-	-	-	-	-	-	-	1,000
Total:	13,325	9,996	29,824	11,110	15,488	-	-	-	79,744
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	1,710	-	-	-	-	-	-	-	1,710
Move Seattle Levy Fund	8,527	1,672	-	2,300	2,500	-	-	-	14,999
REET II Capital Fund	150	-	-	-	-	-	-	-	150
Transportation Benefit District Fund	1,000	-	-	-	-	-	-	-	1,000
Transportation Fund	1,938	8,324	29,824	8,810	12,988	-	-	-	61,885
Total:	13,325	9,996	29,824	11,110	15,488	-	-	-	79,744
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	40,241	1,512	-	-	-	41,753
Total:	-	-	-	40,241	1,512	-	-	-	41,753

Unsecured Funding Strategy: SDOT plans to pursue a \$ 59.9M Small Starts Grant and anticipates a \$2.5M Connecting WA grant.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Magnolia Bridge Replacement Project

Project No:	MC-TR-C083	BSL Code:	BC-TR-19002
Project Type:	Discrete	BSL Name:	Major Projects
Project Category:	New Facility	Location:	15th Ave NW and Magnolia Way W.
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 7
Start/End Date:	On Hold	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	TBD	Urban Village:	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 Levy to Move Seattle provided limited funds to conduct a plan study that would evaluate a more cost effective alternative than a "1-to-1" replacement. Even with the reduced cost for pursuing an alternative option than a full replacement, total project cost and a funding strategy to move the project forward is unclear. The project is currently on hold.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	211	-	-	-	-	-	-	-	211
Federal Grant Funds	8,950	-	-	-	-	-	-	-	8,950
General Fund	53	-	-	-	-	-	-	-	53
Real Estate Excise Tax II	348	-	-	-	-	-	-	-	348
State Gas Taxes - City Street Fund	113	-	-	-	-	-	-	-	113
Street Vacations - SVF	40	-	-	-	-	-	-	-	40
Transportation Funding Package - Business Transportation Tax	84	-	-	-	-	-	-	-	84
Transportation Funding Package - Lid Lift	131	-	-	-	-	-	-	-	131
Vehicle Licensing Fees	100	-	-	-	-	-	-	-	100
Total:	10,030	-	-	-	-	-	-	-	10,030
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	131	-	-	-	-	-	-	-	131
General Fund	53	-	-	-	-	-	-	-	53
REET II Capital Fund	348	-	-	-	-	-	-	-	348
Transportation Benefit District Fund	100	-	-	-	-	-	-	-	100
Transportation Fund	9,398	-	-	-	-	-	-	-	9,398
Total:	10,030	-	-	-	-	-	-	-	10,030

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by bringing assets to a new or like new condition.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Market to MOHAI

Project No:	MC-TR-C095	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Western Ave
Current Project Stage:	Stage 3 - Design	Council District:	Council District 7
Start/End Date:	2018 - 2020	Neighborhood District:	Downtown
Total Project Cost:	\$900	Urban Village:	Downtown

The Market to MOHAI project will include pedestrian improvements on Western Ave, Bell Street, and Westlake Ave N. These improvements could include street lighting, sidewalk paving markers, wayfinding markers, and other improvements.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax II	5	495	-	-	-	-	-	-	500
Transportation Network Company Revenue	-	-	400	-	-	-	-	-	400
Total:	5	495	400	-	-	-	-	-	900
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	-	-	400	-	-	-	-	-	400
REET II Capital Fund	5	495	-	-	-	-	-	-	500
Total:	5	495	400	-	-	-	-	-	900

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Mercer Corridor Project West Phase

Project No:	MC-TR-C017	BSL Code:	BC-TR-19002
Project Type:	Discrete	BSL Name:	Major Projects
Project Category:	New Facility	Location:	Mercer ST/Elliott AVE W/Dexter AVE N
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 7
Start/End Date:	2010 - 2020	Neighborhood District:	Multiple
Total Project Cost:	\$92,011	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	5,998	-	-	-	-	-	-	-	5,998
Commercial Parking Tax	1,582	2,309	-	-	-	-	-	-	3,892
Drainage and Wastewater Rates	1,034	-	-	-	-	-	-	-	1,034
Federal ARRA Funds: FHWA Highway Infrastructure Investment	14,000	-	-	-	-	-	-	-	14,000
Federal Grant Funds	8,098	-	-	-	-	-	-	-	8,098
King County Funds	1,014	-	-	-	-	-	-	-	1,014
LTGO Bond Proceeds	30,210	-	-	-	-	-	-	-	30,210
Partnership - WSDOT	2,049	-	-	-	-	-	-	-	2,049
Partnership Funds	345	-	-	-	-	-	-	-	345
Private Funding/Donations	1,180	-	-	-	-	-	-	-	1,180
State Grant Funds	3,312	-	-	-	-	-	-	-	3,312
Street Vacations - CRSU	1,100	1,664	-	-	-	-	-	-	2,764
Surplus Property Sales	17,410	-	-	-	-	-	-	-	17,410
Water Rates	705	-	-	-	-	-	-	-	705
Total:	88,037	3,973	-	-	-	-	-	-	92,010
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2010 Multipurpose LTGO Bond Fund	12,100	-	-	-	-	-	-	-	12,100
2011 Multipurpose LTGO Bond Fund	13,110	-	-	-	-	-	-	-	13,110
2012 Multipurpose LTGO Bond Fund	5,000	-	-	-	-	-	-	-	5,000
Transportation Fund	57,819	1,217	-	-	-	-	-	-	59,037
Unrestricted Cumulative Reserve Fund	8	2,756	-	-	-	-	-	-	2,764
Total:	88,037	3,973	-	-	-	-	-	-	92,010

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Miscellaneous, Unforeseen, and Emergencies

Project No:	MC-TR-C077	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	18	-	-	-	-	-	-	-	18
Federal Grant Funds	73	-	-	-	-	-	-	-	73
General Fund	305	-	-	-	-	-	-	-	305
Private Funding/Donations	224	-	-	-	-	-	-	-	224
Real Estate Excise Tax II	388	-	-	-	-	-	-	-	388
State Gas Taxes - City Street Fund	339	-	-	-	-	-	-	-	339
Street Vacations - SVF	1,128	-	-	-	-	-	-	-	1,128
Transportation Funding Package - Lid Lift	33	-	-	-	-	-	-	-	33
Total:	2,508	-	-	-	-	-	-	-	2,508
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	33	-	-	-	-	-	-	-	33
General Fund	305	-	-	-	-	-	-	-	305
REET II Capital Fund	388	-	-	-	-	-	-	-	388
Transportation Fund	1,782	-	-	-	-	-	-	-	1,782
Total:	2,508	-	-	-	-	-	-	-	2,508

O&M Impacts: Responses to emergencies and unforeseen projects diverts resources from regular, day-to-day O&M operations.

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NE 43rd Street Improvements

Project No:	MC-TR-C074	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	NE 43rd ST
Current Project Stage:	Stage 3 - Design	Council District:	Council District 4
Start/End Date:	2017 - 2021	Neighborhood District:	Northeast
Total Project Cost:	\$5,084	Urban Village:	University District

This project will implement streetscape and pedestrian improvements on NE 43rd Street between Brooklyn Ave NE and 15th Ave NE to improve access to the Link Light Rail station, which is scheduled to open in 2021. The project will transform the operation of NE 43rd St between Brooklyn Ave NE and University Way NE to one-way westbound transit-only travel and between University Way NE and 15th Ave NE to one-way westbound, all vehicle travel. The roadway will be optimized for pedestrians with a curb-less roadway section, widened sidewalks, pedestrian illumination, bio retention, and rain gardens. A protected bike lane will be provided for eastbound bike traffic and westbound bicycle traffic will share the travel lane with westbound traffic. The project is scheduled to begin construction in the summer of 2020.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	201	1,339	556	1,397	10	-	-	-	3,503
King County Funds	-	-	366	908	-	-	-	-	1,274
Street Vacations - SVF	-	-	307	-	-	-	-	-	307
Total:	201	1,339	1,228	2,306	10	-	-	-	5,084
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Fund	201	1,339	1,228	2,306	10	-	-	-	5,084
Total:	201	1,339	1,228	2,306	10	-	-	-	5,084

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Neighborhood Large Projects

Project No:	MC-TR-C018	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	-	82	-	-	-	-	-	-	82
Federal Grant Funds	308	-	-	-	-	-	-	-	308
King County Funds	623	189	-	-	-	-	-	-	812
Private Funding/Donations	60	-	-	-	-	-	-	-	60
Real Estate Excise Tax II	504	26	-	-	-	-	-	-	530
Transportation Funding Package - Lid Lift	5,805	32	-	-	-	-	-	-	5,836
Transportation Move Seattle Levy - Lid Lift	6,133	4,047	517	4,957	888	2,082	5,658	53	24,334
Total:	13,432	4,376	517	4,957	888	2,082	5,658	53	31,962
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	5,805	32	-	-	-	-	-	-	5,836
Move Seattle Levy Fund	6,127	4,053	517	4,957	888	2,082	5,658	53	24,334
REET II Capital Fund	504	26	-	-	-	-	-	-	530
Transportation Fund	997	266	-	-	-	-	-	-	1,262
Total:	13,432	4,376	517	4,957	888	2,082	5,658	53	31,962
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	-	-	2,592	2,592
Total:	-	-	-	-	-	-	-	2,592	2,592

Unsecured Funding Strategy: Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Neighborhood Parks Street Fund - Your Voice, Your Choice

Project No:	MC-TR-C022	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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."

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	1,008	-	517	17	17	17	17	17	1,607
Federal Grant Funds	687	-	-	-	-	-	-	-	687
General Fund	2,288	-	-	-	-	-	-	-	2,288
Interdepartmental Transfer	50	-	-	-	-	-	-	-	50
Partnership Funds	6	-	-	-	-	-	-	-	6
Real Estate Excise Tax I	631	626	-	-	550	-	-	-	1,807
Real Estate Excise Tax II	19,890	1,043	2,000	2,000	1,450	2,000	2,000	2,000	32,383
State Gas Taxes - City Street Fund	3,017	263	396	368	362	372	381	392	5,551
State Grant Funds	176	-	-	-	-	-	-	-	176
Street Vacations - SVF	46	-	-	-	-	-	-	-	46
Transportation Funding Package - Lid Lift	10,479	-	-	-	-	-	-	-	10,479
Vehicle Licensing Fees	100	-	-	-	-	-	-	-	100
Total:	38,378	1,933	2,913	2,385	2,378	2,389	2,397	2,408	55,180
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	10,479	-	-	-	-	-	-	-	10,479
General Fund	2,288	-	-	-	-	-	-	-	2,288
REET I Capital Fund	631	626	-	-	550	-	-	-	1,807
REET II Capital Fund	19,889	1,044	2,000	2,000	1,450	2,000	2,000	2,000	32,383
Transportation Benefit District Fund	100	-	-	-	-	-	-	-	100
Transportation Fund	4,991	263	913	385	378	389	397	408	8,123
Total:	38,378	1,933	2,913	2,385	2,378	2,389	2,397	2,408	55,180

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Neighborhood Traffic Control Program

Project No:	MC-TR-C019	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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, residential street speed limit signs, and warning signs.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	-	288	5	5	5	5	5	5	315
General Fund	384	-	-	-	-	-	-	-	384
Property Sales and Interest Earnings	253	-	-	-	-	-	-	-	253
Real Estate Excise Tax II	630	466	-	-	-	-	-	-	1,096
Rubble Yard Proceeds	579	-	-	-	-	-	-	-	579
State Gas Taxes - City Street Fund	4,387	26	-	-	-	-	-	-	4,413
Vehicle Licensing Fees	2,133	499	320	328	336	344	352	373	4,686
Total:	8,367	1,278	325	333	341	349	357	378	11,727
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	384	-	-	-	-	-	-	-	384
REET II Capital Fund	630	466	-	-	-	-	-	-	1,096
Transportation Benefit District Fund	2,132	500	320	328	336	344	352	373	4,686
Transportation Fund	5,221	312	5	5	5	5	5	5	5,561
Total:	8,367	1,278	325	333	341	349	357	378	11,727

O&M Impacts: Not applicable - does not create new assets.

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New Traffic Signals

Project No:	MC-TR-C020	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	822	773	4	265	205	373	387	400	3,228
Developer Mitigation	-	945	-	-	-	-	-	-	945
Transportation Funding Package - Lid Lift	111	6	-	-	-	-	-	-	117
Transportation Move Seattle Levy - Lid Lift	1,329	-	111	295	366	327	395	-	2,823
Total:	2,262	1,724	114	560	571	700	781	400	7,112
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	111	6	-	-	-	-	-	-	117
Move Seattle Levy Fund	1,329	-	111	295	366	327	395	-	2,823
Transportation Fund	822	1,718	4	265	205	373	387	400	4,173
Total:	2,262	1,724	114	560	571	700	781	400	7,112
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	70	879	64	1,012
Total:	-	-	-	-	-	70	879	64	1,012

Unsecured Funding Strategy: SDOT will evaluate deliverables, prioritize and scale projects to the extent feasible, and continue to pursue grant and partnership opportunities to resolve potential funding deficits. Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Next Generation Intelligent Transportation Systems (ITS)

Project No:	MC-TR-C021	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	New Investment	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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).

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	1,065	514	-	-	-	-	-	-	1,580
Federal Grant Funds	-	4,091	-	-	-	-	-	-	4,091
Multimodal Funds	-	-	400	-	-	-	-	-	400
Real Estate Excise Tax II	3,904	646	-	-	-	-	-	-	4,550
State Gas Taxes - City Street Fund	53	147	100	-	-	-	-	-	299
State Grant Funds	388	44	-	-	-	-	-	-	432
Street Vacations - CRSU	347	178	-	-	-	-	-	-	525
Transportation Funding Package - Lid Lift	2,891	88	-	-	-	-	-	-	2,979
Transportation Move Seattle Levy - Lid Lift	5,049	1,167	2,047	1,857	1,227	1,378	1,323	-	14,049
User Fees	785	715	-	-	-	-	-	-	1,500
Total:	14,482	7,590	2,547	1,857	1,227	1,378	1,323	-	30,403
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	2,891	88	-	-	-	-	-	-	2,979
Move Seattle Levy Fund	5,049	1,167	2,047	1,857	1,227	1,378	1,323	-	14,049
REET II Capital Fund	3,904	646	-	-	-	-	-	-	4,550
Transportation Fund	2,299	5,503	500	-	-	-	-	-	8,302
Unrestricted Cumulative Reserve Fund	339	186	-	-	-	-	-	-	525
Total:	14,482	7,590	2,547	1,857	1,227	1,378	1,323	-	30,403
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	-	-	1,266	1,266
Total:	-	-	-	-	-	-	-	1,266	1,266

Unsecured Funding Strategy: Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Non-Arterial Street Resurfacing and Restoration

Project No:	MC-TR-C041	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	61	775	-	-	-	-	-	-	836
Drainage and Wastewater Rates	60	-	-	-	-	-	-	-	60
Real Estate Excise Tax I	274	-	-	-	-	-	-	-	274
Real Estate Excise Tax II	3,269	1,190	1,150	1,150	1,150	1,150	1,150	1,150	11,358
State Gas Taxes - City Street Fund	1,358	474	505	509	524	539	549	555	5,011
Street Vacations - CRSU	500	-	-	-	-	-	-	-	500
Street Vacations - SVF	54	-	-	-	-	-	-	-	54
Transportation Move Seattle Levy - Lid Lift	-	-	-	-	-	-	-	-	-
Vehicle Licensing Fees	520	145	164	169	174	179	182	187	1,722
Total:	6,096	2,584	1,819	1,828	1,848	1,868	1,881	1,892	19,816
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	-	-	-	-	-	-	-	-	-
REET I Capital Fund	274	-	-	-	-	-	-	-	274
REET II Capital Fund	3,269	1,190	1,150	1,150	1,150	1,150	1,150	1,150	11,358
Transportation Benefit District Fund	520	145	164	169	174	179	182	187	1,722
Transportation Fund	1,533	1,249	505	509	524	539	549	555	5,961
Unrestricted Cumulative Reserve Fund	500	-	-	-	-	-	-	-	500
Total:	6,096	2,584	1,819	1,828	1,848	1,868	1,881	1,892	19,816

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

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North of Downtown Mobility Action Plan

Project No:	MC-TR-C101	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Rehabilitation or Restoration	Location:	Seattle Center
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Lake Union
Total Project Cost:	N/A	Urban Village:	Uptown

This project will construct transportation related improvements in the North Downtown area in support of the Seattle Center Arena Redevelopment project. The City is also partnering with the Port of Seattle to improve movement of cargo and other modes on city streets, including 15th Ave W/Elliott Ave W/Mercer St corridor areas around Seattle Center.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Arena Transportation Funds	-	-	947	666	632	527	527	527	3,827
Developer Mitigation	-	2,913	-	594	-	-	-	-	3,507
Landscape Conservation & Local Infrastructure Program	-	-	990	-	-	-	-	-	990
Street Vacations - SVF	-	-	2,900	-	-	-	-	-	2,900
Total:	-	2,913	4,837	1,260	632	527	527	527	11,224
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Fund	-	2,913	4,837	1,260	632	527	527	527	11,224
Total:	-	2,913	4,837	1,260	632	527	527	527	11,224
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	1,100	-	-	-	1,100
Total:	-	-	-	-	1,100	-	-	-	1,100

Unsecured Funding Strategy: SDOT will pursue bonds or other short-term loans, such as an inter-fund loan, to resolve potential funding deficits.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Northgate Bike and Pedestrian Improvements

Project No:	MC-TR-C055	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	Stage 5 - Construction	Council District:	Council District 4
Start/End Date:	2017 - 2019	Neighborhood District:	North
Total Project Cost:	\$1,501	Urban Village:	Northgate

This project will construct new sidewalks on NE 95th St and NE 98th St. These sidewalks are included in 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	30	470	-	-	-	-	-	-	500
Federal Grant Funds	25	475	-	-	-	-	-	-	500
Real Estate Excise Tax II	16	484	-	-	-	-	-	-	500
Transportation Move Seattle Levy - Lid Lift	1	-	-	-	-	-	-	-	1
Total:	72	1,429	-	-	-	-	-	-	1,501
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	1	-	-	-	-	-	-	-	1
REET II Capital Fund	16	484	-	-	-	-	-	-	500
Transportation Fund	55	945	-	-	-	-	-	-	1,000
Total:	72	1,429	-	-	-	-	-	-	1,501

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Northgate Bridge and Cycle Track

Project No:	MC-TR-C030	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Multiple
Current Project Stage:	Stage 4 - Procurement/Bid	Council District:	Council District 4
Start/End Date:	2013 - 2021	Neighborhood District:	North
Total Project Cost:	\$56,155	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	65	154	-	-	-	-	-	219
Federal Grant Funds	1,313	-	-	-	-	-	-	-	1,313
LTGO Bond Proceeds	1,633	947	-	-	-	-	-	-	2,580
Real Estate Excise Tax I	1,147	1,853	-	-	-	-	-	-	3,000
Sound Transit Funds	-	3,813	687	2,800	-	-	-	-	7,300
State Grant Funds	-	5,000	5,000	-	-	-	-	-	10,000
Street Vacations - SVF	943	1	10	-	-	-	-	-	954
Transportation Funding Package - Lid Lift	200	-	-	-	-	-	-	-	200
Transportation Move Seattle Levy - Lid Lift	2,228	5,531	2,913	14,934	1,000	-	-	-	26,605
User Fees	896	3,000	-	88	-	-	-	-	3,984
Total:	8,360	20,209	8,763	17,822	1,000	-	-	-	56,155
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2017 Multipurpose LTGO Bond Fund	1,633	947	-	-	-	-	-	-	2,580
Bridging The Gap Levy Fund	200	-	-	-	-	-	-	-	200
Move Seattle Levy Fund	2,228	5,531	2,913	14,934	1,000	-	-	-	26,605
REET I Capital Fund	1,136	1,864	-	-	-	-	-	-	3,000
Transportation Fund	3,163	11,868	5,851	2,888	-	-	-	-	23,770
Total:	8,360	20,209	8,763	17,822	1,000	-	-	-	56,155

O&M Impacts: This new asset will require additional O&M support. The annual estimate will be provided in the 2021 budget process.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Northlake Retaining Wall

Project No:	MC-TR-C102	BSL Code:	BC-TR-19001
Project Type:	Discrete	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Northlake Way @ Stone Way
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 4
Start/End Date:	2019 - 2023	Neighborhood District:	Not in a Neighborhood District
Total Project Cost Range:	20,000 - 35,000	Urban Village:	Fremont

This project will repair the Northlake Retaining Wall, which is a 452-foot-long lake front timber structure that was constructed in 1951 and is located at the north end of Lake Union adjacent to North Northlake Avenue. The wall currently shows signs of advanced deterioration, overstress, and some sections of structural failure. The current calculated capacity/demand ratio is 0.1 where 1.0 represents stability. This presents a significant risk to public safety given the right-of-way supported by the wall, the private structures directly outshore and adjacent to the wall, and the close proximity (immediately adjacent and up to 50 feet inshore) of overhead power lines and subsurface gas, sewer, drainage, and water utility infrastructure.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	-	-	2,000	-	-	-	-	-	2,000
Street Vacations - SVF	-	-	-	2,000	-	-	-	-	2,000
Total:	-	-	2,000	2,000	-	-	-	-	4,000
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2018 Multipurpose LTGO Bond Fund	-	-	2,000	-	-	-	-	-	2,000
Transportation Fund	-	-	-	2,000	-	-	-	-	2,000
Total:	-	-	2,000	2,000	-	-	-	-	4,000
Financial Planning Estimate:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	15,000	8,000	500	-	-	23,500
Total:	-	-	-	15,000	8,000	500	-	-	23,500

Financial Planning Strategy: The estimated cost to reach the 100% design level is \$4,000,000, \$2,000,000 of which will be funded by LTGO bonds. The remaining \$2,000,000 needed to reach 100% of design will be funded with Street Vacations proceeds.

At 30% design, SDOT will reevaluate the total project cost and the financial planning strategy for the remaining costs of the project, which will include local funding, debt financing, and grant funding.

O&M Impacts: There will be ongoing operations and maintenance (O&M) costs for SDOT to maintain the retaining wall after full replacement. The estimate is \$50,000/year over the 75-year design life of the structure which includes labor (maintenance, engineering, and inspection) and non-labor (materials). This would be added to the Bridge/Structures Maintenance O&M budget. An O&M BIP will be submitted along with subsequent BIPs for the final design phases in the future.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Overlook Walk and East-West Connections Project

Project No:	MC-TR-C073	BSL Code:	BC-TR-16000
Project Type:	Discrete	BSL Name:	Central Waterfront
Project Category:	New Investment	Location:	Multiple
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Multiple
Start/End Date:	2013 - 2024	Neighborhood District:	Downtown
Total Project Cost:	\$184,340	Urban Village:	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, King Street, Main Street, Pike Street, Pine Street, Railroad Way, Union Street, Washington Street, and Yesler 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 project includes funding from the Waterfront Local Improvement District (LID #7651) formed by City Council via Ordinance 125760 in January 2019. (Interfund Loan will be repaid by Local Improvement District Bonds.)

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Interfund Loan	2,501	6,199	-	-	-	-	-	-	8,700
Local Improvement District Bonds	-	-	7,008	43,000	30,371	1,950	350	-	82,679
LTGO Bond Proceeds	4,751	4,190	1,725	4,260	4,630	3,250	-	-	22,806
Private Funding/Donations	-	-	4,355	17,525	29,097	2,503	2,900	-	56,380
Street Vacations - SVF	-	500	1,000	4,500	4,000	-	-	-	10,000
User Fees	3,232	543	-	-	-	-	-	-	3,775
Total:	10,484	11,431	14,088	69,285	68,098	7,703	3,250	-	184,339
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2015 Multipurpose LTGO Bond Fund	1,363	17	-	-	-	-	-	-	1,379
2017 LTGO Taxable Bond Fund	2,086	1,195	-	-	-	-	-	-	3,281
2018 LTGO Taxable Bond Fund	1,302	1,978	-	-	-	-	-	-	3,280
2019 LTGO Taxable Bond Fund	-	1,000	-	-	-	-	-	-	1,000
2020 LTGO Taxable Bond Fund	-	-	1,725	-	-	-	-	-	1,725
2021 LTGO Taxable Bond Fund	-	-	-	4,260	-	-	-	-	4,260
2022 LTGO Taxable Bond Fund	-	-	-	-	4,630	-	-	-	4,630
2023 LTGO Taxable Bond Fund	-	-	-	-	-	2,500	-	-	2,500
2023 Multipurpose LTGO Bond Fund	-	-	-	-	-	750	-	-	750
Central Waterfront Improvement Fund	2,501	6,699	5,355	22,025	33,097	2,503	2,900	-	75,080
Transportation Fund	3,232	543	-	-	-	-	-	-	3,775
Waterfront LID #6751	-	-	7,008	43,000	30,371	1,950	350	-	82,679
Total:	10,484	11,431	14,088	69,285	68,098	7,703	3,250	-	184,339

O&M Impacts: This project includes a mix of upgrading existing streets and building new infrastructure. O&M for new public open spaces, such as the Overlook Walk will be funded by the Metropolitan Park District.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars
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Pay Stations

Project No:	MC-TR-C024	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	New Investment	Location:	Various
Current Project Stage:	Stage 5 - Construction	Council District:	Multiple
Start/End Date:	2004 - 2020	Neighborhood District:	Multiple
Total Project Cost:	\$31,320	Urban Village:	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 2019, SDOT replaced 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. Through the end of 2019, SDOT installed 1,030 new pay stations and 580 retrofit pay stations. The project includes the transition from pay and display payment to pay-by-plate payment, which was accomplished at the end of 2019. 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 may be requested for this project to purchase and install parking pay stations in these new areas.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	-	37	-	-	-	-	-	-	37
General Fund	2,306	-	-	-	-	-	-	-	2,306
LTGO Bond Proceeds	25,404	1,646	-	-	-	-	-	-	27,050
Parking Garage Disposition Proceeds	1,927	-	-	-	-	-	-	-	1,927
Total:	29,637	1,683	-	-	-	-	-	-	31,320
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2007 Multipurpose LTGO Bond Fund	3,400	-	-	-	-	-	-	-	3,400
2008 Multipurpose LTGO Bond Fund	2,175	-	-	-	-	-	-	-	2,175
2010 Multipurpose LTGO Bond Fund	2,026	-	-	-	-	-	-	-	2,026
2016 Multipurpose LTGO Bond Fund	7,173	43	-	-	-	-	-	-	7,216
2018 Multipurpose LTGO Bond Fund	317	1,603	-	-	-	-	-	-	1,920
Garage Disposition Proceeds	1,927	-	-	-	-	-	-	-	1,927
General Fund	2,306	-	-	-	-	-	-	-	2,306
tipurpose LTGO Bond Fund	10,313	-	-	-	-	-	-	-	10,313
Transportation Fund	-	37	-	-	-	-	-	-	37
Total:	29,637	1,683	-	-	-	-	-	-	31,320

O&M Impacts: The Parking Program has an established O&M budget to maintain pay stations and implement parking policies. These O&M resources are needed to ensure the revenue produced from the pay stations is received.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Pedestrian Master Plan - Crossing Improvements

Project No:	MC-TR-C061	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	1,625	2,265	41	1,450	2,150	2,800	1,428	-	11,760
Federal Grant Funds	41	594	-	-	-	-	-	-	635
General Fund	58	-	-	-	-	-	-	-	58
Partnership - WSDOT	392	-	-	-	-	-	-	-	392
Real Estate Excise Tax I	1,457	458	-	-	-	-	-	-	1,915
Real Estate Excise Tax II	452	6	-	-	-	-	-	-	458
Rubble Yard Proceeds	528	-	-	-	-	-	-	-	528
State Gas Taxes - City Street Fund	316	3	800	1,400	-	-	-	-	2,519
State Grant Funds	-	50	-	-	-	-	-	-	50
Street Vacations - SVF	-	-	1,800	-	-	-	-	-	1,800
Transportation Funding Package - Lid Lift	4,627	11	-	-	-	-	-	-	4,638
Transportation Move Seattle Levy - Lid Lift	3,277	1,241	764	3,189	1,850	1,242	-	-	11,564
Vehicle Licensing Fees	98	42	50	50	-	-	-	-	240
Total:	12,871	4,670	3,456	6,089	4,000	4,042	1,428	-	36,556
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	4,627	11	-	-	-	-	-	-	4,638
General Fund	58	-	-	-	-	-	-	-	58
Move Seattle Levy Fund	3,213	1,305	764	3,189	1,850	1,242	-	-	11,564
REET I Capital Fund	1,457	458	-	-	-	-	-	-	1,915
REET II Capital Fund	451	6	-	-	-	-	-	-	458
Transportation Benefit District Fund	98	42	50	50	-	-	-	-	240
Transportation Fund	2,967	2,847	2,641	2,850	2,150	2,800	1,428	-	17,684
Total:	12,871	4,670	3,456	6,089	4,000	4,042	1,428	-	36,556
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	619	-	58	1,300	2,810	4,786
Total:	-	-	-	619	-	58	1,300	2,810	4,786

Unsecured Funding Strategy: SDOT will evaluate deliverables, prioritize and scale projects to the extent feasible, and continue to pursue grant and partnership opportunities to resolve potential funding deficits. Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Pedestrian Master Plan - New Sidewalks

Project No:	MC-TR-C058	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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 and the Move Seattle Levy 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	551	1,918	231	-	-	-	-	-	2,700
Developer Mitigation	8	829	-	-	-	-	-	-	837
Drainage and Wastewater Rates	-	613	163	7	-	-	-	-	783
Federal Grant Funds	420	1,202	750	200	-	-	-	-	2,572
General Fund	775	-	-	-	-	-	-	-	775
Private Funding/Donations	-	-	-	600	-	-	-	-	600
Real Estate Excise Tax II	3,471	919	-	11	-	-	-	-	4,401
School Camera Ticket Revenues	4,661	459	4,376	577	1,989	1,505	360	2,842	16,767
State Gas Taxes - City Street Fund	73	-	-	-	-	-	-	-	73
State Grant Funds	504	1,608	-	-	-	-	-	-	2,112
Traffic Enforcement Camera Revenue	5,329	6,838	-	-	-	-	-	-	12,167
Transportation Move Seattle Levy - Lid Lift	14,432	7,390	6,886	5,491	2,247	4,651	333	-	41,431
Vehicle Licensing Fees	419	804	-	-	-	-	-	-	1,223
Total:	30,642	22,581	12,407	6,886	4,235	6,155	693	2,842	86,441
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	775	-	-	-	-	-	-	-	775
Move Seattle Levy Fund	14,432	7,390	6,886	5,491	2,247	4,651	333	-	41,431
REET II Capital Fund	3,471	919	-	11	-	-	-	-	4,401
School Safety Traffic and Pedestrian Improvement Fund	9,990	7,297	4,376	577	1,989	1,505	360	2,842	28,934
Transportation Benefit District Fund	419	804	-	-	-	-	-	-	1,223
Transportation Fund	1,555	6,171	1,144	807	-	-	-	-	9,677
Total:	30,642	22,581	12,407	6,886	4,235	6,155	693	2,842	86,441
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	-	-	3,759	3,759
Total:	-	-	-	-	-	-	-	3,759	3,759

Unsecured Funding Strategy: Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Pedestrian Master Plan - School Safety

Project No:	MC-TR-C059	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This project improves pedestrian and bicycle safety around schools. The work typically includes school zone signing and 20mph flashing beacons; new crosswalks; curb bulbs; crossing beacons and pedestrian signals; new sidewalks and maintenance; traffic calming; changes to traffic circulation around schools; installation of school zone cameras; and school walking route maps. The base level of transportation funding provides improvements at approximately three to four schools per year. The project also funds safe biking and walking education and traffic safety outreach campaigns. Operation of school zone cameras is directly funded from the Seattle Police Department budget.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	729	-	-	-	-	729
Federal Grant Funds	2,476	969	-	-	-	-	-	-	3,445
General Fund	320	-	-	-	-	-	-	-	320
Real Estate Excise Tax II	5,048	43	-	-	-	-	-	-	5,090
School Camera Ticket Revenues	11,484	1,773	3,240	6,668	5,483	5,805	6,078	3,093	43,624
State Grant Funds	281	-	-	-	-	-	-	-	281
Transportation Funding Package - Lid Lift	3,690	-	-	-	-	-	-	-	3,690
Transportation Move Seattle Levy - Lid Lift	2,374	826	800	800	800	800	800	-	7,200
User Fees	1,909	-	-	-	-	-	-	-	1,909
Total:	27,582	3,611	4,040	8,197	6,283	6,605	6,878	3,093	66,289
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	3,690	-	-	-	-	-	-	-	3,690
General Fund	320	-	-	-	-	-	-	-	320
Move Seattle Levy Fund	2,374	826	800	800	800	800	800	-	7,200
REET II Capital Fund	5,016	74	-	-	-	-	-	-	5,090
School Safety Traffic and Pedestrian Improvement Fund	11,467	1,790	3,240	6,668	5,483	5,805	6,078	3,093	43,624
Transportation Fund	4,714	921	-	729	-	-	-	-	6,364
Total:	27,582	3,611	4,040	8,197	6,283	6,605	6,878	3,093	66,289

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Pedestrian Master Plan - Stairway Rehabilitation

Project No:	MC-TR-C031	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Rehabilitation or Restoration	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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 rebuild and/or rehabilitate 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 amount for the Stairway Rehabilitation is in project TC367150.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	-	23	-	-	-	-	-	-	23
General Fund	37	17	-	-	-	-	-	-	54
Miscellaneous Revenues	-	85	-	-	-	-	-	-	85
Multimodal Funds	8	48	59	61	62	64	64	66	432
Real Estate Excise Tax I	-	17	-	-	-	-	-	-	17
Real Estate Excise Tax II	-	251	49	49	49	49	49	49	545
State Gas Taxes - City Street Fund	1	13	-	-	-	-	-	-	14
Transportation Move Seattle Levy - Lid Lift	1,281	711	530	540	550	561	572	16	4,761
Vehicle Licensing Fees	683	775	812	811	831	851	871	273	5,906
Total:	2,011	1,939	1,450	1,461	1,493	1,525	1,556	403	11,837
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	37	17	-	-	-	-	-	-	54
Move Seattle Levy Fund	1,281	711	530	540	550	561	572	16	4,761
REET I Capital Fund	-	17	-	-	-	-	-	-	17
REET II Capital Fund	-	251	49	49	49	49	49	49	545
Transportation Benefit District Fund	682	776	812	811	831	851	871	273	5,906
Transportation Fund	10	168	59	61	62	64	64	66	554
Total:	2,011	1,939	1,450	1,461	1,493	1,525	1,556	403	11,837
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	-	-	573	573
Total:	-	-	-	-	-	-	-	573	573

Unsecured Funding Strategy: Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

RapidRide Roosevelt

Project No:	MC-TR-C013	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	Stage 3 - Design	Council District:	Multiple
Start/End Date:	2013 - 2024	Neighborhood District:	Multiple
Total Project Cost:	\$85,057	Urban Village:	Multiple

This project will provide a high-quality service connecting Downtown Seattle with the neighborhoods of South Lake Union, Eastlake, University District, and Roosevelt. This project also includes protected bike lanes, streetscape improvements and intersection improvements including ADA-compliant curb ramps to provide connections to upgraded RapidRide stations.

Note: The project title is changing from "Roosevelt Multimodal Corridor" to "RapidRide Roosevelt"

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	700	-	-	-	-	-	-	-	700
Federal Grant Funds	-	4,030	-	-	-	-	-	-	4,030
King County Funds	-	200	5,797	5,000	5,000	3,829	-	-	19,826
Real Estate Excise Tax II	350	-	-	-	-	-	-	-	350
Street Vacations - CRSU	650	-	-	-	-	-	-	-	650
Transportation Move Seattle Levy - Lid Lift	4,532	1,379	2,288	166	135	-	-	-	8,500
Total:	6,232	5,609	8,086	5,166	5,135	3,829	-	-	34,057
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	4,532	1,379	2,288	166	135	-	-	-	8,500
REET II Capital Fund	350	-	-	-	-	-	-	-	350
Transportation Fund	700	4,230	5,797	5,000	5,000	3,829	-	-	24,557
Unrestricted Cumulative Reserve Fund	650	-	-	-	-	-	-	-	650
Total:	6,232	5,609	8,086	5,166	5,135	3,829	-	-	34,057
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	12,000	18,000	14,000	7,000	-	51,000
Total:	-	-	-	12,000	18,000	14,000	7,000	-	51,000

Unsecured Funding Strategy: The Roosevelt RapidRide program is currently competing for a \$45 million Small Starts grant from the Federal Transit Administration. Our application has been highly rated by FTA, but the process for securing the funding is highly involved and requires extensive work with the FTA throughout the design process. We are working to secure a Small Starts grant agreement in 2021.

The Roosevelt RapidRide program is also competing for \$6 million in Regional Mobility grant funding from WSDOT. During WSDOT's last award cycle, we were not awarded funding, but our project was prioritized as 1st on the contingency list, should the funding become available.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Retaining Wall Repair and Restoration

Project No:	MC-TR-C032	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing asset preservation program provides funding for City crews to repair or reconstruct retaining walls owned and located within the public right-of-way. The repairs/reconstruction are crucial to preserving the adjoining sidewalks and roadways. The repair of more expensive retaining walls within the program is currently underfunded; however, the program is currently funding an evaluation of the Northlake Retaining Wall in Fremont.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	651	137	-	-	-	-	-	-	789
General Fund	779	-	-	-	-	-	-	-	779
LTGO Bond Proceeds	130	-	-	-	-	-	-	-	130
Parking Garage Disposition Proceeds	1,500	-	-	-	-	-	-	-	1,500
Real Estate Excise Tax I	286	-	-	-	-	-	-	-	286
Real Estate Excise Tax II	3,563	285	212	212	212	212	212	212	5,120
State Gas Taxes - City Street Fund	481	-	-	-	-	-	-	-	481
Total:	7,390	423	212	212	212	212	212	212	9,085
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Garage Disposition Proceeds	1,500	-	-	-	-	-	-	-	1,500
General Fund	779	-	-	-	-	-	-	-	779
REET I Capital Fund	286	-	-	-	-	-	-	-	286
REET II Capital Fund	3,563	285	212	212	212	212	212	212	5,120
Transportation Bond Fund	130	-	-	-	-	-	-	-	130
Transportation Fund	1,132	137	-	-	-	-	-	-	1,269
Total:	7,390	423	212	212	212	212	212	212	9,085

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

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Route 40 Transit-Plus Multimodal Corridor

Project No:	MC-TR-C079	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Multiple
Start/End Date:	2016 - 2024	Neighborhood District:	Multiple
Total Project Cost:	\$22,900	Urban Village:	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. Note: The project title is changing from "Route 40 Northgate to Downton Transit Improvements" to "Route 40 Transit-Plus Multimodal Corridor"

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Move Seattle Levy - Lid Lift	1	1,249	495	2,000	2,000	3,675	80	-	9,500
Total:	1	1,249	495	2,000	2,000	3,675	80	-	9,500
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	1	1,249	495	2,000	2,000	3,675	80	-	9,500
Transportation Fund	-	-	-	-	-	-	-	-	-
Total:	1	1,249	495	2,000	2,000	3,675	80	-	9,500
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	3,434	4,000	5,966	-	13,400
Total:	-	-	-	-	3,434	4,000	5,966	-	13,400

Unsecured Funding Strategy: SDOT plans to compete for FTA and WSDOT grants, as well as work with regional partners to secure funding.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Route 44 Transit-Plus Multimodal Corridor

Project No:	MC-TR-C078	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Multiple
Start/End Date:	2019 - 2023	Neighborhood District:	Multiple
Total Project Cost:	\$15,550	Urban Village:	Multiple

This project will implement speed and reliability improvements along the Route 44 corridor. This project seeks to improve and make reliable the connection between the University of Washington, Wallingford, and Ballard. The project may add bus lanes, pedestrian improvements, channelization changes, signal modifications, transit signal priority, and new adaptive signals.

Note: The project title is changing from "Market / 45th Multimodal Corridor" to "Route 44 Transit-Plus Multimodal Corridor"

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	-	50	-	-	-	-	-	-	50
State Grant Funds	-	-	4,000	-	-	2,000	-	-	6,000
Transportation Move Seattle Levy - Lid Lift	124	576	721	535	1,930	5,508	106	-	9,500
Total:	124	626	4,721	535	1,930	7,508	106	-	15,550
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	124	576	721	535	1,930	5,508	106	-	9,500
Transportation Fund	-	50	4,000	-	-	2,000	-	-	6,050
Total:	124	626	4,721	535	1,930	7,508	106	-	15,550

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Route 48 South Electrification

Project No:	MC-TR-C081	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	New Investment	Location:	Various
Current Project Stage:	Stage 6 - Closeout	Council District:	Multiple
Start/End Date:	2018 - 2019	Neighborhood District:	Multiple
Total Project Cost:	\$42	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Move Seattle Levy - Lid Lift	2	40	-	-	-	-	-	-	42
Total:	2	40	-	-	-	-	-	-	42
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	2	40	-	-	-	-	-	-	42
Total:	2	40	-	-	-	-	-	-	42

O&M Impacts: Not applicable - does not create new assets.

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Route 7 Transit-Plus Multimodal Corridor Project

Project No:	MC-TR-C053	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Rainier AVE
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 3
Start/End Date:	2016 - 2022	Neighborhood District:	Multiple
Total Project Cost:	\$8,519	Urban Village:	Multiple

This project, in partnership with King County Metro, will make street improvement on Rainier Ave which could include key features: dedicated bus lanes and queue jumps; and improvements to crossings and transit connections to help people access transit safely.

Note: The project title changed from "Rainier/Jackson Multimodal Corridor" to "Route 7 Transit-Plus Multimodal Corridor"

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	-	9	-	-	-	-	-	-	9
Real Estate Excise Tax II	11	-	-	-	-	-	-	-	11
Transportation Move Seattle Levy - Lid Lift	1,952	640	932	2,088	2,886	-	-	-	8,500
Total:	1,963	649	932	2,088	2,886	-	-	-	8,519
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	1,952	640	932	2,088	2,886	-	-	-	8,500
REET II Capital Fund	-	11	-	-	-	-	-	-	11
Transportation Fund	11	(2)	-	-	-	-	-	-	9
Total:	1,963	649	932	2,088	2,886	-	-	-	8,519

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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S Lander St. Grade Separation

Project No:	MC-TR-C028	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	S Lander St/1st Ave S/4th Ave S
Current Project Stage:	Stage 5 - Construction	Council District:	Council District 2
Start/End Date:	2001 - 2021	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$96,225	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	53	322	-	-	-	-	-	-	375
Drainage and Wastewater Rates	757	28	-	-	-	-	-	-	785
Federal Grant Funds	8,207	18,287	26,604	4,596	-	-	-	-	57,694
King County Funds	157	543	-	-	-	-	-	-	700
LTGO Bond Proceeds	3,630	633	-	-	-	-	-	-	4,263
Parking Garage Disposition Proceeds	2,200	-	-	-	-	-	-	-	2,200
Partnership - WSDOT	-	218	-	-	-	-	-	-	218
Port of Seattle Funds	497	3,849	-	-	-	-	-	-	4,347
Private Funding/Donations	220	414	707	161	-	-	-	-	1,502
Real Estate Excise Tax II	927	587	96	-	-	-	-	-	1,609
State Gas Taxes - City Street Fund	185	-	-	-	-	-	-	-	185
State Grant Funds	2,497	2,196	2,024	416	-	-	-	-	7,132
Transportation Move Seattle Levy - Lid Lift	3,242	2,427	-	8,792	-	-	-	-	14,460
Vehicle Licensing Fees	35	-	-	-	-	-	-	-	35
Water Rates	145	575	-	-	-	-	-	-	720
Total:	22,752	30,078	29,430	13,965	-	-	-	-	96,225
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Multipurpose LTGO Bond Fund	2,213	-	-	-	-	-	-	-	2,213
2016 Multipurpose LTGO Bond Fund	-	1,000	-	-	-	-	-	-	1,000
2017 LTGO Taxable Bond Fund	-	86	-	-	-	-	-	-	86
2017 Multipurpose LTGO Bond Fund	203	761	-	-	-	-	-	-	964
Garage Disposition Proceeds	2,200	-	-	-	-	-	-	-	2,200
Move Seattle Levy Fund	3,242	2,427	-	8,792	-	-	-	-	14,460
REET II Capital Fund	927	587	96	-	-	-	-	-	1,609
Transportation Benefit District Fund	35	-	-	-	-	-	-	-	35
Transportation Fund	13,932	25,218	29,334	5,174	-	-	-	-	73,658
Total:	22,752	30,078	29,430	13,965	-	-	-	-	96,225

O&M Impacts: This new asset will require additional O&M support. The annual estimate will be provided in the 2021 budget process.

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SDOT ADA Program

Project No:	MC-TR-C057	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	-	73	-	-	-	-	-	-	73
Multimodal Funds	54	297	-	-	-	-	-	-	350
Real Estate Excise Tax II	71	2,757	7,653	1,350	5,500	5,500	5,500	5,500	33,830
School Camera Ticket Revenues	-	1,800	2,068	2,000	2,250	2,500	2,750	-	13,368
State Gas Taxes - City Street Fund	-	643	371	371	321	321	331	341	2,699
Street Vacations - SVF	-	-	-	-	-	-	-	-	-
Transportation Move Seattle Levy - Lid Lift	10,424	2,881	3,350	3,350	3,350	3,374	3,350	-	30,079
User Fees	-	500	-	-	-	-	-	-	500
Vehicle Licensing Fees	547	1,020	619	660	731	753	765	788	5,883
Total:	11,096	9,970	14,060	7,731	12,152	12,448	12,696	6,629	86,782
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	10,413	2,892	3,350	3,350	3,350	3,374	3,350	-	30,079
REET II Capital Fund	71	2,757	7,653	1,350	5,500	5,500	5,500	5,500	33,830
School Safety Traffic and Pedestrian Improvement Fund	-	1,800	2,068	2,000	2,250	2,500	2,750	-	13,368
Transportation Benefit District Fund	547	1,020	619	660	731	753	765	788	5,883
Transportation Fund	65	1,501	371	371	321	321	331	341	3,622
Total:	11,096	9,970	14,060	7,731	12,152	12,448	12,696	6,629	86,782
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	-	-	3,321	3,321
Total:	-	-	-	-	-	-	-	3,321	3,321

Unsecured Funding Strategy: Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Seattle Transportation Benefit District - Capital Improvements

Project No:	MC-TR-C097	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This program funds projects improving transit speed, reliability, safety, and passenger amenities which occur along transit routes or at stops that serve the Urban Centers and Villages across the Seattle. The program will provide transit speed and reliability improvements allowing the people of Seattle to more quickly, effectively and safely travel via transit to, through, and between Urban Centers and Villages.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Vehicle License Fees \$60 & 0.1% Sales Tax	-	5,000	7,514	-	-	-	-	-	12,514
Total:	-	5,000	7,514	-	-	-	-	-	12,514
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Benefit District Fund	-	5,000	7,514	-	-	-	-	-	12,514
Total:	-	5,000	7,514	-	-	-	-	-	12,514

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Seawall Maintenance

Project No:	MC-TR-C098	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Alaskan WAY
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Multiple

This project will provide critical ongoing structural maintenance of the Elliott Bay Seawall, which is nearing completion. Replacement of existing assets, such as the Seawall, generally require minor maintenance, especially in the early years after the project is complete. However, the Seawall project is an exception as the asset has new features to maintain and the City, as part of its permit obligations, has committed to monitoring the performance of the habitat features over the next ten years and taking adaptive measures if performance goals are not met.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	-	399	813	269	825	732	339	246	3,623
Total:	-	399	813	269	825	732	339	246	3,623
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Fund	-	399	813	269	825	732	339	246	3,623
Total:	-	399	813	269	825	732	339	246	3,623

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

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Shoreline Street End Program

Project No:	MC-TR-C011	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Rehabilitation or Restoration	Location:	Various
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This project will maintain and improve Seattle’s designated shoreline street ends. There are currently 142 shoreline street ends throughout Seattle. Shoreline street ends are community assets, which provide the opportunity for residents and visitors to experience and enjoy Seattle’s shorelines. This project improves public access, protects unique views, and enhances habitat to create long-lasting assets.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Shoreline Street End Fees	824	1,296	24	684	777	797	817	906	6,124
Total:	824	1,296	24	684	777	797	817	906	6,124
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Fund	824	1,296	24	684	777	797	817	906	6,124
Total:	824	1,296	24	684	777	797	817	906	6,124

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Sidewalk Safety Repair

Project No:	MC-TR-C025	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	-	-	-	1,350	2,100	2,100	2,100	2,100	9,750
Real Estate Excise Tax II	2,791	2,159	2,142	-	-	-	-	-	7,092
School Camera Ticket Revenues	-	2,000	-	-	-	-	-	-	2,000
State Gas Taxes - City Street Fund	68	-	-	-	-	-	-	-	68
Transportation Funding Package - Lid Lift	990	-	-	-	-	-	-	-	990
Transportation Move Seattle Levy - Lid Lift	5,541	1,141	1,665	1,698	1,731	1,765	1,299	42	14,883
Total:	9,390	5,300	3,807	3,048	3,831	3,865	3,399	2,142	34,783
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	990	-	-	-	-	-	-	-	990
Move Seattle Levy Fund	5,541	1,141	1,665	1,698	1,731	1,765	1,299	42	14,883
REET I Capital Fund	-	-	-	1,350	2,100	2,100	2,100	2,100	9,750
REET II Capital Fund	2,792	2,158	2,142	-	-	-	-	-	7,092
School Safety Traffic and Pedestrian Improvement Fund	-	2,000	-	-	-	-	-	-	2,000
Transportation Fund	66	1	-	-	-	-	-	-	68
Total:	9,390	5,300	3,807	3,048	3,831	3,865	3,399	2,142	34,783
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	-	-	1,800	1,800
Total:	-	-	-	-	-	-	-	1,800	1,800

Unsecured Funding Strategy: Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

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Signal Major Maintenance

Project No:	MC-TR-C026	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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. The expected life of a signal is 30 years; currently there are more than 1,100 signals within the City.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	1,538	839	600	623	637	651	669	688	6,246
Developer Mitigation	-	479	-	-	-	-	-	-	479
Real Estate Excise Tax II	1,012	1	-	-	-	-	-	-	1,013
Transportation Move Seattle Levy - Lid Lift	2,682	972	1,057	1,065	1,088	1,111	1,132	132	9,240
Total:	5,232	2,291	1,657	1,688	1,725	1,762	1,801	820	16,978
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	2,682	972	1,057	1,065	1,088	1,111	1,132	132	9,240
REET II Capital Fund	1,012	1	-	-	-	-	-	-	1,013
Transportation Fund	1,538	1,318	600	623	637	651	669	688	6,725
Total:	5,232	2,291	1,657	1,688	1,725	1,762	1,801	820	16,978
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	-	-	1,125	1,125
Total:	-	-	-	-	-	-	-	1,125	1,125

Unsecured Funding Strategy: Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Sound Transit - East Link

Project No:	MC-TR-C004	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Sound Transit Funds	312	400	70	70	70	70	-	-	992
Total:	312	400	70	70	70	70	-	-	992
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Fund	312	400	70	70	70	70	-	-	992
Total:	312	400	70	70	70	70	-	-	992

O&M Impacts: This project provides SDOT support to Sound Transit, who will own the light rail asset. SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Sound Transit 3

Project No:	MC-TR-C088	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	543	156	-	-	-	-	-	-	699
General Fund	51	-	-	-	-	-	-	-	51
Sound Transit Funds	-	300	154	154	154	4	4	4	772
Street Vacations - SVF	-	1,000	-	-	-	-	-	-	1,000
User Fees	-	1,340	1,649	1,689	1,730	1,772	1,816	1,851	11,845
Total:	594	2,796	1,802	1,842	1,883	1,775	1,819	1,855	14,367
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	51	-	-	-	-	-	-	-	51
Transportation Fund	543	2,796	1,802	1,842	1,883	1,775	1,819	1,855	14,316
Total:	594	2,796	1,802	1,842	1,883	1,775	1,819	1,855	14,367

O&M Impacts: This project provides SDOT support to Sound Transit, who will own the light rail asset. SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Sound Transit North Link

Project No:	MC-TR-C027	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	Various
Current Project Stage:	Stage 5 - Construction	Council District:	Multiple
Start/End Date:	2011 - 2022	Neighborhood District:	Multiple
Total Project Cost:	\$2,025	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Partnership - WSDOT	-	223	-	-	-	-	-	-	223
Sound Transit Funds	1,120	681	-	-	-	-	-	-	1,802
Total:	1,120	904	-	-	-	-	-	-	2,025

Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Fund	1,120	904	-	-	-	-	-	-	2,025
Total:	1,120	904	-	-	-	-	-	-	2,025

O&M Impacts: This project provides SDOT support to Sound Transit, who will own the light rail asset. SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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SPU Drainage Partnership - Broadview Pedestrian Improvements

Project No:	MC-TR-C036	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 5
Start/End Date:	2016 - 2022	Neighborhood District:	Northwest
Total Project Cost:	\$8,000	Urban Village:	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 while improving the pedestrian environments.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Move Seattle Levy - Lid Lift	227	1,467	-	6,056	250	-	-	-	8,000
Total:	227	1,467	-	6,056	250	-	-	-	8,000
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	227	1,467	-	6,056	250	-	-	-	8,000
Total:	227	1,467	-	6,056	250	-	-	-	8,000

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

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SPU Drainage Partnership - South Park

Project No:	MC-TR-C054	BSL Code:	BC-TR-19001
Project Type:	Discrete	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	TBD
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 1
Start/End Date:	2016 - 2021	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$10,000	Urban Village:	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 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Move Seattle Levy - Lid Lift	62	1,500	7,300	1,137	-	-	-	-	9,999
Total:	62	1,500	7,300	1,137	-	-	-	-	9,999
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Move Seattle Levy Fund	62	1,500	7,300	1,137	-	-	-	-	9,999
Total:	62	1,500	7,300	1,137	-	-	-	-	9,999

O&M Impacts: This is a capital maintenance project that reduces the need for O&M by improving asset condition.

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SR-520 Project

Project No:	MC-TR-C087	BSL Code:	BC-TR-19002
Project Type:	Ongoing	BSL Name:	Major Projects
Project Category:	New Investment	Location:	SR520 WB
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	33	-	-	-	-	-	-	-	33
Partnership - WSDOT	2,394	5,300	109	806	1,846	1,846	1,846	-	14,148
Private Funding/Donations	543	-	-	-	-	-	-	-	543
Real Estate Excise Tax I	54	-	-	-	-	-	-	-	54
Sound Transit Funds	-	107	-	-	-	-	-	-	107
State Gas Taxes - City Street Fund	1,042	468	-	-	138	138	138	-	1,923
Street Vacations - SVF	54	-	-	-	-	-	-	-	54
Vehicle Licensing Fees	60	-	-	-	-	-	-	-	60
Total:	4,180	5,875	109	806	1,984	1,984	1,984	-	16,923
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	33	-	-	-	-	-	-	-	33
REET I Capital Fund	54	-	-	-	-	-	-	-	54
Transportation Benefit District Fund	60	-	-	-	-	-	-	-	60
Transportation Fund	4,033	5,875	109	806	1,984	1,984	1,984	-	16,776
Total:	4,180	5,875	109	806	1,984	1,984	1,984	-	16,923

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges. For SDOT, the annual O&M cost to support new City-owned and maintained infrastructure built by the next major phase of the SR-520 program is estimated at \$56,000. The SR-520 program will also replace existing City infrastructure, such as new street and sidewalk pavement, which will reduce SDOT annual O&M costs in the near term.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Street Lighting Program

Project No:	MC-TR-C076	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This project provides funding for the right of way (ROW) 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 streetlight 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. No projects are budgeted for 2019 and 2020. For 2021 through 2025, the funds displayed below have not yet been allocated to specific projects but will be allocated once detailed project cost estimates are developed.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	1,350	1,350	1,350	1,350	1,350	6,750
Total:	-	-	-	1,350	1,350	1,350	1,350	1,350	6,750
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Fund	-	-	-	1,350	1,350	1,350	1,350	1,350	6,750
Total:	-	-	-	1,350	1,350	1,350	1,350	1,350	6,750

O&M Impacts: Not applicable - does not create new assets.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Thomas Street Redesign

Project No:	MC-TR-C105	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Thomas St. from 5th Ave N to Dexter Ave N
Current Project Stage:	Stage 3 - Design	Council District:	Council District 7
Start/End Date:	2020 - 2020	Neighborhood District:	
Total Project Cost:	\$1,760	Urban Village:	Uptown

The project makes improvements to Thomas St from 5th Ave N to Dexter Ave N, including, but not limited to: (1) a half block closure of 5th Ave N and Thomas St to create a public plaza adjacent to the Seattle Center skate park, (2) a 36' wide pedestrian and bicycle promenade from 5th Ave N to Dexter Ave N, and (3) a protected intersection at Dexter Ave N and Thomas St.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	-	-	510	-	-	-	-	-	510
Transportation Network Company Revenue	-	-	1,250	-	-	-	-	-	1,250
Total:	-	-	1,760	-	-	-	-	-	1,760
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	-	-	1,760	-	-	-	-	-	1,760
Total:	-	-	1,760	-	-	-	-	-	1,760

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical life cycle and average maintenance cost ranges.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Transit Corridor Improvements

Project No:	MC-TR-C029	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This program implements multimodal projects which improve transit speed, reliability, access, safety, and convenience. The program focuses on corridors and projects identified in the Transit Master Plan. Funding from Move Seattle Levy and other local funding sources are used to leverage partnership opportunities.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	7	-	-	-	-	-	-	-	7
Commercial Parking Tax	1,666	-	-	-	-	-	-	-	1,666
Developer Mitigation	-	704	-	-	-	-	-	-	704
Federal Grant Funds	3,546	-	-	-	-	-	-	-	3,546
King County Funds	1,703	-	-	-	-	-	-	-	1,703
LTGO Bond Proceeds	973	-	-	-	-	-	-	-	973
Private Funding/Donations	-	523	-	-	-	-	-	-	523
Sound Transit Funds	-	6,382	-	-	-	-	-	-	6,382
State Grant Funds	8,037	-	-	-	-	-	-	-	8,037
Transportation Funding Package - Lid Lift	18,908	-	-	-	-	-	-	-	18,908
Transportation Move Seattle Levy - Lid Lift	5,440	1,459	1,000	1,300	3,954	4,186	3,361	-	20,700
Vehicle License Fees \$60 & 0.1% Sales Tax	-	1,600	1,900	-	-	-	-	-	3,500
Vehicle Licensing Fees	4,971	1,525	734	1,927	1,271	1,090	944	1,044	13,507
Total:	45,252	12,192	3,634	3,227	5,225	5,276	4,305	1,044	80,155
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2016 Multipurpose LTGO Bond Fund	973	-	-	-	-	-	-	-	973
Bridging The Gap Levy Fund	18,908	-	-	-	-	-	-	-	18,908
Move Seattle Levy Fund	5,440	1,459	1,000	1,300	3,954	4,186	3,361	-	20,700
Transportation Benefit District Fund	4,971	3,125	2,634	1,927	1,271	1,090	944	1,044	17,007
Transportation Fund	14,959	7,608	-	-	-	-	-	-	22,567
Total:	45,252	12,192	3,634	3,227	5,225	5,276	4,305	1,044	80,155
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	-	-	-	-	2,900	2,900
Total:	-	-	-	-	-	-	-	2,900	2,900

Unsecured Funding Strategy: Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

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Urban Forestry Capital Establishment

Project No:	MC-TR-C050	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	New Investment	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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 three-year establishment for trees and associated planting installed by the project.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	31	49	-	-	-	-	-	-	80
LTGO Bond Proceeds	-	14	-	-	-	-	-	-	14
Real Estate Excise Tax II	26	78	-	-	-	-	-	-	104
State Gas Taxes - City Street Fund	1	18	9	9	9	9	9	9	72
Street Vacations - CRSU	290	60	-	-	-	-	-	-	350
Street Vacations - SVF	5	38	-	-	-	-	-	-	43
Trail and Open Space Levy	8	5	-	-	-	-	-	-	13
Transportation Funding Package - Lid Lift	6	10	-	-	-	-	-	-	16
Transportation Move Seattle Levy - Lid Lift	29	264	-	-	-	-	-	-	293
Vehicle Licensing Fees	-	4	-	-	-	-	-	-	4
Total:	395	540	9	9	9	9	9	9	989
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2008 Parks Levy Fund	8	5	-	-	-	-	-	-	13
2011 Multipurpose LTGO Bond Fund	-	9	-	-	-	-	-	-	9
2017 Multipurpose LTGO Bond Fund	-	5	-	-	-	-	-	-	5
Bridging The Gap Levy Fund	6	10	-	-	-	-	-	-	16
Move Seattle Levy Fund	29	264	-	-	-	-	-	-	293
REET II Capital Fund	26	78	-	-	-	-	-	-	104
Transportation Benefit District Fund	-	4	-	-	-	-	-	-	4
Transportation Fund	37	105	9	9	9	9	9	9	195
Unrestricted Cumulative Reserve Fund	290	60	-	-	-	-	-	-	350
Total:	395	540	9	9	9	9	9	9	989

O&M Impacts: This CIP supports urban forestry staff to maintain landscapes installed by SDOT capital projects.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Vision Zero

Project No:	MC-TR-C064	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

Vision Zero is an approach to traffic safety, with the 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Commercial Parking Tax	1,256	85	-	-	-	-	-	-	1,341
Federal Grant Funds	512	1,988	-	-	-	-	-	-	2,500
General Fund	548	-	-	-	-	-	-	-	548
Real Estate Excise Tax I	10	990	-	-	-	-	-	-	1,000
Real Estate Excise Tax II	252	10	-	-	-	-	-	-	262
State Gas Taxes - City Street Fund	29	-	-	-	-	-	-	-	29
Transportation Funding Package - Lid Lift	62	-	-	-	-	-	-	-	62
Transportation Move Seattle Levy - Lid Lift	5,991	4,924	3,150	2,359	2,930	1,695	1,980	122	23,150
Total:	8,660	7,997	3,150	2,359	2,930	1,695	1,980	122	28,893
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bridging The Gap Levy Fund	62	-	-	-	-	-	-	-	62
General Fund	548	-	-	-	-	-	-	-	548
Move Seattle Levy Fund	5,940	4,974	3,150	2,359	2,930	1,695	1,980	122	23,150
REET I Capital Fund	10	990	-	-	-	-	-	-	1,000
REET II Capital Fund	252	10	-	-	-	-	-	-	262
Transportation Fund	1,847	2,023	-	-	-	-	-	-	3,870
Total:	8,660	7,997	3,150	2,359	2,930	1,695	1,980	122	28,893
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	3,899	-	-	-	2,498	6,398
Total:	-	-	-	3,899	-	-	-	2,498	6,398

Unsecured Funding Strategy: SDOT will evaluate deliverables, prioritize and scale projects to the extent feasible, and continue to pursue grant and partnership opportunities to resolve potential funding deficits. Funding for this program beyond 2024 is dependent upon a future voter approved levy.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

West Marginal Way Safe Street and Accessibility Improvements

Project No:	MC-TR-C103	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	West Marginal Way SW and SW Alaska St
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 1
Start/End Date:	2020 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$3,250	Urban Village:	Not in an Urban Village

This project will implement rail crossing improvements, street crossing improvements, and sidewalk connections in the vicinity of West Marginal Way SW and SW Alaska St. Funding for the project in 2020 (\$750,000) is intended project design and agency coordination with the BNSF Railway.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Transportation Network Company Revenue	-	-	500	-	-	-	-	-	500
Total:	-	-	500	-	-	-	-	-	500
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	-	-	500	-	-	-	-	-	500
Total:	-	-	500	-	-	-	-	-	500
Unsecured Funding:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	2,750	-	-	-	-	2,750
Total:	-	-	-	2,750	-	-	-	-	2,750

Unsecured Funding Strategy: Funding for this project may depend upon the availability of grants or identification of new/incremental revenue sources.

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, signals, bridges and roadway structures, urban forestry, and sidewalks and pavement; these budgets are constrained by the availability of transportation specific and general funds. The SDOT Asset Management website (<https://www.seattle.gov/transportation/about-sdot/asset-management>) provides unconstrained operational cost forecasting by asset type, typical lifecycle and average maintenance cost ranges.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle City Light

Overview

Seattle City Light (SCL) is a municipal electric utility, owned by the residents of Seattle and run by the City's elected officials. The utility serves a population of over 906,000 people living in a 131 square-mile area, which includes the City of Seattle and several adjoining jurisdictions. To serve these customers, City Light owns, maintains, and operates a multi-billion-dollar physical plant. The physical plant includes:

- a power supply generation system consisting of seven hydroelectric plants on the Pend Oreille, Skagit, Cedar, and Tolt rivers with a combined capacity of almost 2,000 megawatts;
- 656 miles of high-voltage transmission lines linking these plants to Seattle;
- a distribution system with 15 major substations and more than 2,500 miles of overhead and underground cable;
- a state-of-the-art System Control Center coordinating these activities; and
- billing and metering equipment tracking approximately 461,000 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 last Strategic Plan for City Light (2019-2024) established spending priorities and a six-year rate path for the utility and guides development of City Light's \$2.2 billion 2020-2025 Adopted CIP budget.

Thematic Priorities

The City Light Strategic Plan identifies four strategic priorities: customer service, affordability, clean energy and core utility business.

- **Customer Service** – Upgrade customer service practices to meet evolving customer needs and expectations by modernizing customer service.
- **Affordability** – Keep customers' bills affordable and stable by implementing strategies to control costs, capture new revenues, and restructure rates.
- **Clean Energy** – Deliver robust and innovative programs to promote the efficient use of clean energy and protect the shared ecosystem.
- **Continuing Progress on Our Core Business** – Invest in our infrastructure and workforce to provide a consistent level of service, reliability, and response.

The first three priorities are areas of strategic focus where City Light must make changes to respond to industry challenges. The initiatives that support each of these priorities are new efforts but will be funded within existing budget and staffing levels. City Light's fourth priority is to continue to maintain and improve our core business.

City Light's CIP projects implement these objectives in the following ways:

Preserve Hydroelectric Generation Assets

We need to maintain our hydroelectric generation assets through prudent and systematic investments and maintenance. Current planned enhancements include: dam safety; outage management processes; long-term planning for small legacy hydroelectric projects such as Cedar Falls; improvements of ancillary systems and facilities including powerhouse systems; and Boundary Master Plan and Skagit Master Plan facilities improvement plans.

Relicensing

Acquire new federal licenses to continue to operate three City Light hydroelectric projects: Skagit, Newhalem, and South Fork Tolt. License renewal applications for these projects will be filed in 2023, 2025, and 2027, respectively.

Enhanced Grid Performance & Cybersecurity

As customers have added new distributed resources, utilities – including City Light - have been improving their operational technology (OT) infrastructure. Protection of the electrical grid from cyber threats is also an ongoing challenge. City Light is responding by continuing to upgrade its OT infrastructure and energy grid to protect against cybersecurity risks and improve power grid operations.

Preserve Transmission & Distribution Infrastructure

City Light intends aims to implement industry best practice system improvements through prudent investment and maintenance. Planned enhancements to improve reliability include incorporating new technologies such as smart grid and advanced grid analytics. Specific efforts include: implementing metric driven, cost-benefit analysis supported planning for transmission, substation and distribution projects; developing corporate asset data management procedures; and maximizing benefits derived from our asset management capabilities.

Reliability for a Growing City

Various investments to maintain and upgrade the transmission and distribution systems will improve reliability and ensure City Light has enough capacity to serve our growing city. Specific efforts include: relocating wires and other facilities underground to accommodate changes along the downtown waterfront; adding capacity for the expanding University of Washington and new Sound Transit light rail; adjusting electrical grid operations to realize systemwide benefits from the new Denny substation; and replacing failing underground wires to bring them up to modern standards.

City Light's Commitment to Race & Social Justice

City Light takes its lead from the Citywide Race and Social Justice Initiative (RSJI) to end institutionalized racism in City government. Reaffirmed by Mayor Durkan's [Executive Order 2017-13](#), and in partnership with the community, the Initiative works to change the underlying system that creates race-based disparities in our community and to achieve racial equity in City operations, public engagement and service. As a part of a municipality committed to inclusive public service, race and social justice is considered in all utility programs.

Project Selection Criteria

City Light participates in an extensive planning process to ensure project funding best meets customers' current and future needs. The 2020-2025 CIP is based on the 2019-2024 Strategic Plan. Project ideas to implement the Strategic Plan and accomplish baseline service delivery come from throughout City Light. Staff members in the operational divisions are responsible for creating official proposals. Members of each of the utility's organizational lines of business (e.g., power supply, transmission and distribution, and customer service) prioritize capital spending within their divisions

and then submit recommended projects through a centralized capital budgeting system.

City Light management compares proposals against criteria that evaluate the projects' costs, benefits, and risks. The utility gives priority to mandatory requirements and projects currently underway before considering future projects and new initiatives. Utility staff develops business cases for projects with a total project cost over \$1 million to document the project expectations and rationale and provide a cost-benefit analysis of alternatives.

Availability of funding and labor resources limits the CIP. City Light management seeks to balance the overall needs of the utility within these constraints and may rescope, reschedule, or defer projects in its six-year CIP. City Light intends to revisit the adopted Strategic Plan every two years to maintain transparency and set direction for future CIP development.

2020-2025 Adopted CIP Highlights

The 2020-2025 Adopted CIP budget outlines \$2.2 billion in capital spending over six years for power supply, transmission, distribution, customer services, and central utility needs. In 2020, approximately \$51 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 City Council for approval through the quarterly supplemental budget process.

**2020-2025 Adopted CIP
Summary of CIP Project Allocations (in 1,000s)**

Program/SubProgram	2020	2021	2022	2023	2024	2025
Central Utility Projects	28,279	26,912	29,563	18,562	17,750	17,230
CUSTOMER AND BILLING	604	107	220	56	231	50
FINANCE AND IT SYSTEMS	1,957	1,856	1,588	1,788	1,645	773
FLEETS AND FACILITIES	25,718	24,948	27,755	16,717	15,874	16,406
Distribution	199,567	230,057	225,132	247,429	239,537	240,967
DISTRIBUTION OTHER	19,617	21,620	20,404	15,797	7,905	8,338
NETWORK	27,720	32,867	29,277	29,895	30,401	28,511
RADIAL	64,221	85,038	84,144	115,322	114,554	116,787
SERVICE CONNECTIONS	60,446	60,540	60,033	57,702	55,778	57,688
SUBSTATIONS	27,563	29,990	31,275	28,713	30,899	29,643
External Projects	51,107	42,688	41,227	26,472	22,529	22,874
CUSTOMER OTHER	330	15	15	15	16	6
LOCAL JURISDICTIONS	22,289	24,145	25,427	15,265	15,002	17,269
TRANSPORTATION RELOCATIONS	28,488	18,527	15,786	11,192	7,511	5,600
Power Supply	90,653	78,389	80,913	64,371	64,675	58,066
BOUNDARY	51,276	46,939	37,921	29,498	36,195	27,069
CEDAR FALLS - TOLT	5,678	4,804	2,993	2,500	2,646	3,000
POWER SUPPLY OTHER	3,877	2,252	2,522	1,380	1,193	1,213
SKAGIT	29,821	24,395	37,476	30,992	24,642	26,784
Transmission	8,443	53,617	6,136	5,596	4,357	4,265
TRANSMISSION	8,443	53,617	6,136	5,596	4,357	4,265
Total	378,049	431,662	382,972	362,430	348,848	343,402

A selection of projects from each Program follows.

Central Utility Projects

Projects in this program provide for centralized billing and customer service systems, financial and information technology systems that are critical to the utility's operation, and vehicle fleets and facilities that are not part of the power generating plant (e.g., equipment shops, service centers, and maintenance yards).

For 2020, the CIP includes \$28.3 million in funding for 24 Central Utility Projects.

BIP in 2020 to add \$600,000 in funding for Mc-CL-XF9237 Electric Vehicle Infrastructure.

Highlights ordered by 2020 Adopted Budget include:

- **Equipment Fleet Replacement (MC-CL-XF9101): \$7,182,282**
This ongoing project replaces, updates, and expands City Light's light and heavy-duty mobile equipment fleet. This project also funds the replacement of light-duty vehicles owned by City Light, including those previously leased from the Fleets & Facilities Department and that are now owned by City Light.
- **North and South Service Center Improvements (MC-CL-XF9107): \$4,012,810**
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.

- Miscellaneous Building Improvements (MC-CL-XF9007): \$3,986,985
This ongoing project capitalizes on emergent opportunities to make improvements to City Light's buildings and facilities. The project protects employees and customers from health and safety hazards and permits SCL to meet safety and health code requirements.
- Workplace and Process Improvement (MC-CL-XF9159): \$2,096,339
This ongoing project funds alterations that preserve workplace efficiency. The project focuses on adapting exterior workspaces and interior building elements to support business process improvements for work groups. Interior systems improvements include things like flooring replacements, interior remodeling, computer network cabling upgrades, uninterruptible power systems and computer flooring. Exterior system improvements include fencing, security systems, paving and striping, and exterior building components.
- Safety Modifications (MC-CL-XF9006): \$1,529,161
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.
- Building Envelope Upgrades (MC-CL-XF9072): \$1,441,498
The ongoing project updates or replaces information security systems that are at high risk of failure. The project enhances vulnerability and intrusion detection as well as response capabilities and procedures. The project provides (by way of illustration but not limitation) for implementation of systems to replace or upgrade firewalls, routers, switches, operating systems, intrusion detection capabilities, security information and event management, Linux patching procedures, Dynamic Host Configuration Protocol server, Domain Name System server, internal vulnerability scanning, and physical security cameras and networks for SCL locations.
- Office Furniture and Equipment Purchase (MC-CL-XF9103): \$1,130,691
This ongoing project provides office equipment and furniture costing more than \$5,000 each. This project furnishes newly created or modified space under the Workplace and Process Improvement program, and replaces aging office furnishings with modular office workstations, conference room ensemble furniture, and major office machines. This project enhances worker safety and morale by purchasing ergonomic furniture and providing modern workspaces.

Distribution: Projects in this program include improvements to City Light's distribution substations, relays, feeders, network distribution systems, overhead and underground radial distribution systems, service connections, customer meters, and other facilities related to the distribution system.

For 2020, funding is added to support Underground Equipment Replacements, and University of Washington Capacity Additions.

For 2020, the CIP includes \$199.7 million in funding for 55 projects in Distribution.

Highlights ordered by 2020 Adopted Budget include:

- Pole Attachments (MC-CL-YR8452): \$16,614,057
This ongoing project funds utility crews and engineers to prepare City Light poles for the attachment of other communication infrastructure. This project provides revenues through pole attachment fees and construction costs, which are fully reimbursable.
- Medium Overhead and Underground Services (MC-CL-ZS8366): \$16,334,900
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.
- Overhead Equipment Replacements (MC-CL-YR8351): \$12,636,335
This ongoing project replaces older equipment in City Light's distribution system that is nearing the end of its usable life, is overloaded, or no longer has an available supply of spare parts. These items include, but are not limited to, poles, cross-arms, transformers, and open-wire secondaries
- Denny Substation - Network (MC-CL-YN8404): \$11,262,083
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.
- Network Additions and Services: Broad Street Substation (MC-CL-ZS8363): \$11,000,000
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.
- Underground Equipment Replacements (MC-CL-YR8353): \$10,412,579
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.
- Network Additions and Services - Denny (MC-CL-ZS8405): \$9,468,484
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.
- Substation Breaker Replacements and Reliability Additions (MC-CL-YS7779) \$7,422,677
This ongoing project funds the review of City Light's inventory of approximately 400 transmission and distribution voltage circuit breakers. It determines which have the greatest wear, gas or oil

leaks, maintenance cost, and service stress. It replaces those circuit breakers with the highest failure risk.

- Substation Equipment Improvements (MC-CL-YS7752): \$5,711,556
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.
- Overhead Customer Driven Capacity Additions (MC-CL-YR8355): \$5,594,827
This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old line segments, relocates lines for construction clearances, and replaces rotten and damaged poles in the distribution system. This work is driven by specific customer projects for their direct benefit and is therefore reimbursable.
- Underground Customer Capacity Additions (MC-CL-YR8360): \$5,292,808
This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old underground line 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.
- Network Additions Services: First Hill, Mass, Union & Univ (MC-CL-ZS8364): \$5,000,000
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.

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 2020, the CIP includes \$51.1 million in funding for 14 External Projects.

Highlights ordered by 2020 Adopted Budget include:

- Alaskan Way Viaduct and Seawall Replacement - Utility Relocations (MC-CL-ZT8307): \$21,958,917
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.

- Streetlight LED Conversion Program (MC-CL-ZL8441): \$7,320,812
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
- Transportation Streetlights (MC-CL-ZL8377): \$7,047,261
This ongoing project relocates Seattle City Light owned streetlights as required by City of Seattle transportation projects.
- Streetlights: Arterial, Residential and Floodlights (MC-CL-ZL8378): \$4,082,472
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.
- Overhead and Underground Relocations (MC-CL-ZT8369): \$4,675,861
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.
- Waterfront Seattle Streetlights (MC-CL-ZL8481): \$3,828,095
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.

Power Supply: Projects in this program include improvements to City Light's dams, generators, powerhouses, and other related projects. In addition, the program contains projects designed to help City Light comply with federal licensing and environmental mitigation requirements at the utility's dams. City Light sequences work on major power production equipment (i.e., generator rebuilds and runner replacements) to reduce the impact to power generation and level capital spending.

For 2020, the CIP includes \$90.7 million in funding for 53 projects in Power Supply

Highlights ordered by 2020 Adopted Budget include:

- Boundary - Licensing Mitigation (MC-CL-XB6987): \$14,386,199
This ongoing project implements Protection, Mitigation and Enhancement measures (PMEs) required by the terms and conditions of the license issued by FERC in 2013. The license allows for the continued operation of the Boundary Hydroelectric Project, Seattle City Light's largest generating station producing approximately 25% to 40% of the City's power supply.
- Boundary Powerhouse – Unit 52 Generator Rebuild (MC-CL-XB6535): \$11,437,504
This project provides rewinding and refurbishing of the Boundary Powerhouse Unit 52 generator, which is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators. The rewind and rehabilitation of the generator includes the stator core, stator bars, and rotor poles. Mechanical upgrades such as seal rings and wicket gates may also be

installed. This project also provides replacement of the carbon dioxide fire-suppression system with a water sprinkler system to improve worker safety. If technology is sufficiently advanced, it may also include a rotor-mounted scanner or other diagnostic equipment.

- Boundary Powerhouse Generator Step-up Transformer Replacement (MC-CL-XB6493): \$7,634,677
This project replaces six existing step-up transformers at Boundary Dam, which are 50 years old and have exceeded their reliable service life. This project also purchases a spare transformer because normal delivery time for transformers from order to on-site is 18 to 24 months. This project enhances long-term reliability and allows for City Light to avoid a prolonged loss of generation
- Boundary Powerhouse - Unit 54 Generator Rebuild (MC-CL-XB6353): \$6,925,324
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. 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. 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 - Relicensing (MC-CL-XS6986): \$6,056,553
This ongoing project provides support of the relicensing activities for the Skagit River Hydroelectric Project including support of staff, environmental studies, documentation, and consultation. Relicensing work will begin in 2019. The current FERC license for the Skagit Project expires in 2025, and the license application is due for submission to FERC in May 2023.
- Boundary Facility - Minor Improvements Program (MC-CL-XB6401): \$4,775,554
This ongoing project provides financial coverage for emergent capital projects, specifically related to Boundary Facilities. 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.
- Skagit Facility - Minor Improvements Program (MC-CL-XS6405): \$3,770,005
This ongoing project provides financial coverage for emergent capital projects related to all Skagit Facilities. In addition, this project funds scheduled, small capital projects that have cost estimates less than \$25,000.
- Skagit Facilities Conservation (MC-CL-XS6515): \$3,234,148
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.
- Ross Dam AC/DC Distribution System Upgrade (MC-CL-XS6373): \$3,178,381
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.

Transmission: Projects in this program include transmission capacity and reliability projects to deliver power from City Light's dams to its distribution system and the regional power grid. City Light owns and maintains 656 miles of transmission capacity that connect the Skagit facilities to Seattle. City Light also leases additional transmission capacity to connect to the Boundary, Cedar Falls, and Tolt hydroelectric projects.

For 2020 the CIP budget includes \$8.4 million in funding for five projects in Transmission.

Highlights ordered by 2020 Adopted Budget include:

- Transmission Line Inductor Installation (MC-CL-YT8461): \$6,684,780
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.
- Transmission Reliability (MC-CL-YT7104): \$925,000
This ongoing project replaces the worst 1% of City Light's transmission structures and conductors each year. This project also provides engineering, construction, and related work; improving and maintaining the reliability of the overhead or underground transmission system.

CIP Revenue Sources

Retail electricity sales and surplus energy sales on the wholesale market fund a large part of City Light's CIP. Other funding comes from direct customer billing (including service connections and other customer requested work) and assorted fees. City Light also finances a portion of the CIP through the sale of revenue bonds. City Light's policy is to limit debt financing to 60% of any given six-year CIP ([Resolution 31187](#)).

Summary of Upcoming Budget Issues and Challenges

Budget Issues

Even though the Seattle area is experiencing a construction and population boom, customer electricity consumption is not following suit. Instead, due to energy efficiency programs and policy successes, consumption continues to decline, creating revenue challenges for City Light. In addition, new wholesale revenue is the lowest in recent history due to dry/drought conditions and energy purchases at high market prices. To limit cost increases to our customers, City Light will continue to look for ways to reduce capital spending over the six-year horizon, including utilizing a project prioritization process.

Challenges

There are several challenges that will transform our business over the next decade:

- *New technologies are transforming how people use electricity.* Commercialization of energy technologies pose a potential risk to City Light. New options and products for controlling

consumption, generating, and storing electricity will impact how customers interact with their local utility.

- *Retail energy consumption is declining.* Advances in energy efficiency have reduced consumer energy demand. Due in part to energy efficient building codes and new technologies, today's multifamily units consume approximately half as much energy as older single-family homes.
- *Power supply assumptions are changing.* Low wholesale market prices coupled with rising costs of hydro operations are quickly eroding the market advantage afforded by City Light's hydroelectric resources.
- *Impact of retirements and legacy practices.* As more employees become eligible for retirement and workflows are not documented or digitized, City Light risks the loss of institutional memory, costly service interruptions and a potential impact to service delivery.
- *Climate change continues, and clean energy is more valuable than ever.* Weather pattern changes affect reservoir levels and seasonal energy consumption, leading to increasing volatility of energy supply and demand.

Future Projects/What is on the Horizon

- New project in the 2020-2025 Proposal is the Energy Management System Upgrade.
- Expanded transportation electrification programs to meet City Light's Strategic Plan priorities to become a clean, renewable-powered city and the mayoral priority Drive Clean Seattle.
- Grid Modernization to develop and implement a strategy to modernize and optimize City Light's grid including both near-term and long-term actions, such as transmission and distribution automation, distributed energy resource development and integration, grid edge and behind-the-meter technology, and other utility technology projects. Taken together, these efforts will be intended to help position the utility for emerging business and operational realities, and reshape the grid's architecture to meet our customer-owners' energy needs and choices today and in the future
- The transition to the new 5G networks will increase requests to attach to City Light poles. The impact of the required fiber optic deployments to support 5G will touch nearly every pole in City Light's distribution system.

City Council Changes to Proposed CIP

The Council did not make any changes to the proposed CIP.

City Council Provisos to the CIP

There are no Council provisos.

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Customer Focused - CIP (BC-CL-Z)									
Advanced Metering Infrastructure (MC-CL-ZS8426)	83,123	17,251	-	-	-	-	-	-	100,374
Alaskan Way Viaduct and Seawall Replacement - Utility Relocations (MC-CL-ZT8307)	175,921	40,227	21,959	12,557	3,876	606	-	-	255,145
Call Center Improvements - City Light (MC-CL-ZC9972)	-	554	462	107	220	56	231	50	1,681
Center City Connector Streetcar City Light (MC-CL-ZT8470)	529	395	43	57	5,058	5,059	2,119	-	13,259
Citywide Undergrounding Initiative - City Light (MC-CL-ZL8403)	6	21	10	10	10	10	10	10	88
Creston-Nelson to Intergate East Feeder Installation (MC-CL-ZO8430)	7,259	1,500	315	(0)	-	-	-	-	9,074
Data Warehouse Implementation (MC-CL-ZF9975)	-	-	143	143	143	144	-	-	574
Document Management System (MC-CL-ZF9962)	-	-	1,023	922	672	872	872	-	4,359
IT Infrastructure (MC-CL-ZF9915)	-	-	100	100	100	100	100	100	600
IT Security Upgrades (MC-CL-ZF9960)	-	-	686	691	673	673	673	673	4,070
Large Overhead and Underground Services (MC-CL-ZS8365)	27,262	3,139	2,997	3,039	3,083	3,127	3,173	4,419	50,240
Major Emergency (MC-CL-ZS8380)	8,744	8,656	2,880	2,929	2,979	3,030	3,082	3,135	35,435
Medium Overhead and Underground Services (MC-CL-ZS8366)	148,363	20,206	16,335	16,597	16,864	17,138	16,023	16,294	267,820
Meter Additions (MC-CL-ZS8054)	42,665	5,675	3,700	3,764	3,830	3,897	3,966	4,036	71,534

*Amounts in thousands of dollars.

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Neighborhood Voluntary Undergrounding Program (MC-CL-ZO8383)	326	152	15	15	15	15	16	6	558
Network Additions and Services - Denny (MC-CL- ZS8405)	10,625	3,284	9,468	10,000	9,000	5,813	5,895	5,979	60,064
Network Additions and Services: Broad Street Substation (MC-CL- ZS8363)	86,674	12,241	11,000	11,000	11,000	11,000	10,000	10,000	162,915
Network Additions and Services: First Hill, Massachusetts, Union & University (MC-CL-ZS8364)	51,197	5,564	5,000	4,000	3,919	4,188	3,974	4,000	81,841
New Customer Information System (MC- CL-ZC9937)	57,860	5,740	142	-	-	-	-	-	63,741
Normal Emergency (MC- CL-ZS8379)	14,015	2,175	907	922	938	954	970	987	21,867
Overhead and Underground Relocations (MC-CL-ZT8369)	21,644	2,937	4,676	4,877	6,157	4,924	4,815	5,502	55,533
Overhead Outage Replacements (MC-CL- ZS8350)	3,664	70	1,181	1,200	1,220	1,240	1,261	1,282	11,118
Seattle Waterfront Streetlight Installation (MC-CL-ZL8481)	146	1,549	4,738	5,531	4,525	-	-	-	16,489
Small Overhead and Underground Services (MC-CL-ZS8367)	73,549	6,747	4,993	5,068	5,145	5,223	5,303	5,385	111,414
Sound Transit - City Light System Upgrades (MC-CL- ZT8475)	55	101	25	(0)	-	-	-	-	181
Sound Transit 3 - City Light (MC-CL-ZT8467)	-	360	347	377	530	572	577	97	2,860
Sound Transit Light Rail East Link - City Light (MC- CL-ZT8450)	1,566	603	-	-	-	-	-	-	2,169
Sound Transit Lynnwood - City Light (MC-CL-ZT8471)	803	4,354	1,433	637	61	32	-	-	7,320

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
State Route 520 Bridge Relocations (MC-CL-ZT8435)	131	810	5	22	104	-	-	-	1,072
Streetlight Infrastructure Replacement (MC-CL-ZL8460)	9,964	2,574	-	-	-	-	-	-	12,538
Streetlight LED Conversion Program (MC-CL-ZL8441)	35,706	5,148	6,411	6,436	5,913	3,862	3,970	5,318	72,764
Streetlights: Arterial, Residential and Floodlights (MC-CL-ZL8378)	32,478	6,745	4,082	5,149	7,211	4,920	4,406	4,961	69,952
Transportation Streetlights (MC-CL-ZL8377)	15,193	5,759	7,047	7,019	7,767	6,472	6,617	6,980	62,856
Underground Outage Replacements (MC-CL-ZS8352)	20,385	531	1,985	2,020	2,056	2,093	2,131	2,170	33,371
Utility Program and Customer Tracking System (MC-CL-ZF9928)	-	-	5	-	-	-	-	-	5
Customer Focused - CIP Total	929,852	165,068	114,114	105,191	103,068	86,019	80,183	81,386	1,664,880
Financial Services - CIP (BC-CL-W)									
Data Warehouse Implementation (MC-CL-WF9975)	161	1,711	-	-	-	-	-	-	1,872
DSM Tracking & Reporting System (MC-CL-WF9928)	-	2,271	-	-	-	-	-	-	2,271
Enterprise Document Management System (MC-CL-WF9962)	6,416	955	-	-	0	-	-	-	7,370
Information Technology Infrastructure (MC-CL-WF9915)	25,408	926	-	-	-	-	-	-	26,334
IT Security Upgrades (MC-CL-WF9960)	3,979	151	(0)	(0)	(0)	0	-	-	4,130
PeopleSoft Reimplementation - City Light (MC-CL-WF9970)	25,097	190	-	-	-	-	-	-	25,286
Financial Services - CIP Total	61,060	6,203	(0)	(0)	0	0	-	-	67,263

*Amounts in thousands of dollars.

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Power Supply & Environ Affairs - CIP (BC-CL-X)									
Boundary - Access Road Stability Improvements (MC-CL-XB6615)	857	19	-	-	-	550	8,162	32	9,619
Boundary - DC Battery System & Charge Modernization (MC-CL- XB6566)	186	684	804	584	552	248	-	-	3,059
Boundary - Entrance Improvements (MC-CL- XB6601)	2,762	520	-	-	-	-	-	-	3,282
Boundary - Level 6 Deck Stabilization (MC-CL- XB6604)	1,300	1,721	200	-	-	-	-	-	3,221
Boundary - Licensing Mitigation (MC-CL- XB6987)	72,500	28,487	14,386	19,083	16,572	8,725	10,236	10,596	180,584
Boundary - Unit 56 Exciter Replacement (MC-CL- XB6603)	1,933	254	1	-	-	-	-	-	2,188
Boundary Control Room Alarm system replacement (MC-CL-XB6637)	-	420	210	210	-	-	-	-	840
Boundary Crane Improvements (MC-CL- XB6620)	3,555	4,440	10	-	-	-	-	-	8,005
Boundary DC Panel Upgrade (MC-CL-XB6628)	182	654	192	-	-	-	-	-	1,028
Boundary Facilities Master Plan (MC-CL-XB6642)	-	9	486	514	750	2,000	1,000	950	5,709
Boundary Facility - Minor Improvements Program (MC-CL-XB6401)	21,907	753	4,776	7,136	8,644	8,451	6,412	7,611	65,689
Boundary Fiber Ring Upgrade (MC-CL-XB6635)	-	-	205	500	-	-	-	-	705
Boundary Governor Rehabilitation (MC-CL- XB6641)	-	-	-	-	(0)	552	4,000	4,000	8,552

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Boundary Powerhouse - Transformer Bank Rockfall Mitigation (MC-CL- XB6485)	502	-	-	-	-	-	-	2,537	3,039
Boundary Powerhouse - Unit 51 Generator Rebuild (MC-CL-XB6351)	9,253	16,316	1,952	205	-	-	-	-	27,725
Boundary Powerhouse - Unit 52 Generator Rebuild (MC-CL-XB6535)	-	94	11,438	7,831	1,579	200	-	-	21,141
Boundary Powerhouse - Unit 54 Generator Rebuild (MC-CL-XB6353)	2,348	8,222	6,925	1,753	200	-	-	-	19,449
Boundary Powerhouse Exhaust system (MC-CL- XB6634)	-	-	-	-	323	500	-	-	823
Boundary Powerhouse Generator Step-up Transformer Replacement (MC-CL-XB6493)	14,585	6,919	7,635	7,011	5,405	3,153	221	-	44,928
Boundary Service Area Paving (MC-CL-XB6632)	-	-	-	-	-	331	1,000	170	1,501
Boundary Sluice Gate Automation (MC-CL- XB6638)	-	-	-	-	1,323	-	-	-	1,323
Boundary Sluice Gate Walkway Replacement (MC-CL-XB6631)	-	-	123	400	-	-	-	-	523
Boundary Station Service Transformer Replacement (MC-CL-XB6627)	-	210	(0)	(0)	518	3,400	3,777	630	8,536
Boundary Sump Pump Drive Replacement (MC- CL-XB6633)	-	207	205	200	200	200	200	-	1,211
Boundary Tailrace Boat Ramp improvements (MC- CL-XB6630)	-	130	198	403	-	-	-	-	731
Boundary Tailrace East Access Road Improvements (MC-CL- XB6629)	-	-	-	156	403	-	-	-	559

*Amounts in thousands of dollars.

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Boundary U55/56 Fire Suppression (MC-CL- XB6636)	-	-	(0)	87	711	647	644	-	2,089
Building Envelope Upgrades (MC-CL-XF9072)	7,491	3,740	1,441	1,409	1,509	1,493	1,493	1,493	20,071
Cedar Falls - Bank 6 Replacement (MC-CL- XC6573)	371	4,587	2,154	2,078	-	-	-	-	9,191
Cedar Falls - New Generator 5/6 Exciters (MC-CL-XC6531)	248	1,316	205	-	-	-	-	-	1,769
Cedar Falls Powerhouse - Penstock Stabilization (MC-CL-XC6358)	2,084	1,373	404	0	-	-	-	-	3,861
Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay (MC-CL- XC6450)	1,033	5	0	304	30	-	-	-	1,372
Cedar Falls Powerhouse - Valvehouse Rehabilitation (MC-CL-XC6324)	-	-	(0)	0	-	-	146	500	646
Cedar Falls Rehabilitation (MC-CL-XC6625)	555	908	302	250	250	-	-	-	2,265
Cedar Falls/South Fork Tolt - Minor Improvements Program (MC-CL-XC6406)	13,343	1,372	2,613	2,172	2,713	2,500	2,500	2,500	29,713
Dam Safety Part 12 Improvements (MC-CL- XB6626)	158	953	1,158	541	541	542	542	543	4,977
Denny Substation Tenant Improvements (MC-CL- XF9235)	2,100	3,172	1,116	12	-	-	-	-	6,400
Diablo - Load Interrupters Replacement (MC-CL- XS6532)	4,572	1,394	105	-	-	-	-	-	6,072
Diablo - Replace Bank Transformers (MC-CL- XS6589)	-	-	0	0	(0)	315	3,800	2,000	6,115
Diablo Dam - Spill Gate Trunnion Upgrades (MC- CL-XS6610)	858	706	483	487	491	496	419	300	4,241

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Diablo Facility - Lines Protection Upgrades (MC- CL-XS6483)	5,781	740	241	493	-	-	-	-	7,255
Diablo Powerhouse - Rebuild Generator Unit 31 (MC-CL-XS6422)	24,830	1,303	45	-	-	-	-	-	26,178
Diablo Powerhouse - Rebuild Generator Unit 32 (MC-CL-XS6423)	17,400	3,522	-	-	-	-	-	-	20,923
Electric Vehicle Infrastructure (MC-CL- XF9237)	873	2,331	1,141	-	-	-	-	-	4,346
Endangered Species Act Mitigation (MC-CL-XP6990)	12,324	1,901	1,115	1,134	1,153	1,169	1,193	1,213	21,201
Energy Conservation (MC- CL-XF9320)	5,020	1,764	102	102	102	102	102	102	7,399
Environmental Safeguarding and Remediation of Facilities (MC-CL-XF9152)	664	156	56	57	58	46	47	48	1,132
Equipment Fleet Replacement (MC-CL- XF9101)	74,121	17,275	7,182	7,185	9,051	8,867	8,000	8,500	140,181
Facilities Infrastructure Improvements (MC-CL- XF9156)	3,677	669	68	62	63	64	66	67	4,736
Facilities Regulatory Compliance (MC-CL- XF9151)	2,036	2,291	331	340	348	357	365	383	6,452
Generation Federal Reliability Standards Improvements (MC-CL- XP6470)	9,521	21	10	-	-	-	-	-	9,552
Georgetown Steamplant Access Road (MC-CL- XF9233)	104	1,320	142	-	-	-	-	-	1,566
Gorge - 240V AC Station Service Switchgear Replacement (MC-CL- XS6581)	1,007	701	10	844	-	-	-	-	2,562

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Gorge Crane Rehabilitation (MC-CL-XS6639)	-	-	-	251	276	1,343	7	-	1,877
Gorge U21-24 overhauls (MC-CL-XS6640)	-	-	-	-	1,077	15,150	12,000	14,000	42,227
Hydro Project Spill Containment (MC-CL- XP6530)	2,429	152	490	-	-	-	-	-	3,071
Landis and Gyr RTU Modernization Boundary, Cedar Falls and Skagit (MC- CL-XB6565)	-	123	373	326	200	-	-	-	1,022
Miscellaneous Building Improvements (MC-CL- XF9007)	9,718	2,348	3,987	4,101	4,338	1,890	1,890	1,890	30,162
Newhalem - Generator 20/Support Facility Rebuild (MC-CL-XS6479)	6,071	493	500	-	-	-	-	-	7,064
North and South Service Center Improvements (MC-CL-XF9107)	13,406	988	4,013	5,428	5,769	1,000	1,000	1,000	32,603
Office Furniture and Equipment Purchase (MC- CL-XF9103)	2,196	383	1,131	1,070	1,070	250	250	250	6,600
Power Production - Network Controls (MC-CL- XP6385)	8,062	859	(0)	196	448	211	-	-	9,776
Ross - 480V AC Station Service Switchgear Replacement (MC-CL- XS6580)	-	-	657	33	-	-	-	-	690
Ross - Exciters 41-44 (MC- CL-XS6564)	3	2,207	436	478	21	-	-	-	3,144
Ross - Governors (MC-CL- XS6562)	373	1,604	2,771	688	15	-	-	-	5,450
Ross - Powerhouse Rockfall Mitigation (MC- CL-XS6577)	-	-	-	-	0	(0)	105	3,034	3,139
Ross Dam - AC/DC Distribution System Upgrade (MC-CL-XS6373)	3,081	1,032	3,178	1,450	1,583	-	-	-	10,324

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Ross Powerhouse - Programmable Language Controller Upgrade (MC-CL-XS6376)	95	275	142	-	-	-	-	-	512
Safety Modifications (MC-CL-XF9006)	4,147	1,784	1,529	1,560	1,654	700	700	700	12,775
Seismic Mitigation (MC-CL-XF9134)	1,185	5,004	590	594	634	635	635	636	9,913
Skagit - Babcock Creek Crossing (MC-CL-XS6514)	263	624	116	658	-	-	-	-	1,662
Skagit - Boat Facility Improvements (MC-CL-XS6540)	2,923	521	1,252	68	-	-	-	-	4,764
Skagit - DC Battery System (MC-CL-XS6583)	1,690	859	554	167	165	260	238	-	3,934
Skagit - Relicensing (MC-CL-XS6986)	1,124	6,715	6,057	13,858	26,724	5,345	2,500	2,500	64,822
Skagit - Sewer System Rehabilitation (MC-CL-XS6232)	4,979	214	256	1,165	2,250	-	-	-	8,865
Skagit Facilities Plan (MC-CL-XS6520)	3,026	1,741	2,805	103	-	-	-	-	7,674
Skagit Facilities Plan Phase 2 (MC-CL-XS6521)	-	386	2,830	1,400	1,950	3,000	2,000	500	12,066
Skagit Facility - Minor Improvements Program (MC-CL-XS6405)	25,885	6,534	3,770	1,938	2,842	5,000	3,000	3,000	51,968
Skagit Facility Conservation (MC-CL-XS6515)	446	587	3,234	228	-	-	-	-	4,495
Skagit Licensing Mitigation (MC-CL-XS6991)	3,441	1,013	124	86	82	84	131	64	5,024
Skagit Powerhouses - Install Protection Relays (MC-CL-XS6415)	6,276	1,819	256	0	-	-	443	1,386	10,179
SMT AutoLab (MC-CL-XP6600)	-	242	268	-	-	-	-	-	511
Solar Microgrid for Resilience (MC-CL-XF9238)	490	4,396	262	-	-	-	-	-	5,148

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Special Work Equipment - Generation Plant (MC-CL- XP6102)	8,163	2,032	1,331	922	922	-	-	-	13,370
Special Work Equipment - Shops (MC-CL-XF8389)	1,523	754	292	292	292	323	333	342	4,151
Substation Comprehensive Improvements (MC-CL- XF9161)	2,259	1,119	236	237	239	241	243	245	4,818
Transportation Electrification Project (MC- CL-XF9239)	-	2,000	-	-	-	-	-	-	2,000
Western Energy Imbalance Market (MC-CL-XP9976)	2,947	10,383	663	-	-	-	-	-	13,993
Workplace and Process Improvement (MC-CL- XF9159)	6,910	1,267	2,096	2,498	2,628	750	750	750	17,648
Power Supply & Environ Affairs - CIP Total	445,152	184,036	116,372	103,338	108,668	81,088	80,549	74,472	1,193,675
Transmission and Distribution - CIP (BC-CL-Y)									
Battery Storage Pilot (MC- CL-YR8484)	-	49	-	-	-	-	-	-	49
Broad Street Substation - Network (MC-CL-YN8203)	78,297	6,283	4,472	8,541	2,914	2,955	3,000	3,000	109,462
Communications Improvements (MC-CL- YD9009)	9,511	609	947	940	824	1,051	641	950	15,474
Dallas Ave. 26 kV Crossing (MC-CL-YR8322)	499	184	0	0	26	192	47	120	1,069
Denny Substation - Network (MC-CL-YN8404)	68,894	27,724	11,262	11,811	10,655	10,887	11,140	10,836	163,210
Denny Substation Development (MC-CL- YS7757)	204,009	27,288	-	-	-	-	-	-	231,297
Denny Substation Transmission Lines (MC- CL-YT7125)	17,111	3,560	200	50,006	1,936	-	-	-	72,813
Distribution Area Communications Networks (MC-CL-YD9307)	20,529	3,536	3,565	2,229	2,818	2,722	1,954	2,441	39,794

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Distribution Automation (MC-CL-YR8425)	10,439	2,337	2,907	3,007	2,998	3,210	3,092	3,141	31,131
Distribution Management System (MC-CL-YD9966)	-	44	(0)	0	-	-	-	50	94
Energy Management System Upgrade (MC-CL-YD9979)	-	-	1,650	-	-	-	-	-	1,650
Enterprise Geographic Information System (MC-CL-YD9957)	49	6,374	65	1,111	1,122	-	-	-	8,722
Enterprise Software Solution Replacement Strategy (MC-CL-YD9969)	-	8,521	3,174	9,165	10,721	6,861	430	-	38,871
First Hill - Network (MC-CL-YN8301)	14,651	1,686	2,072	1,906	4,601	4,628	4,665	3,884	38,092
First Hill - Network Load Transfer (MC-CL-YN8407)	19	(19)	0	(0)	0	0	(0)	-	0
Interbay Substation - Development (MC-CL-YS7756)	-	29	29	191	250	306	314	321	1,441
LRDS Editor Upgrade (MC-CL-YD9977)	-	1,721	182	-	-	-	-	-	1,903
Massachusetts Street Substation - Networks (MC-CL-YN8202)	38,073	2,771	3,420	3,013	4,520	4,754	4,817	4,100	65,470
Mobile Workforce Implementation (MC-CL-YR8429)	411	3,069	1,163	1,190	-	-	-	-	5,832
Network Hazeltine Upgrade (MC-CL-YN8129)	6,301	735	766	728	731	732	743	754	11,489
Network Maintenance Hole and Vault Rebuild (MC-CL-YN8130)	35,960	2,328	2,458	3,482	2,431	2,409	2,440	2,762	54,270
Outage Management System Phase II Implementation (MC-CL-YD9967)	-	2,095	3,000	1,100	-	-	-	-	6,195
Overhead 26kV Conversion (MC-CL-YR8358)	18,032	14	1,036	1,743	1,767	1,791	1,815	1,840	28,039

*Amounts in thousands of dollars.

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Overhead Customer Driven Capacity Additions (MC-CL-YR8355)	44,210	2,853	5,595	4,282	5,980	6,087	6,190	6,295	81,490
Overhead Equipment Replacements (MC-CL-YR8351)	122,252	18,918	12,636	18,847	18,993	24,143	19,296	19,453	254,538
Overhead System Capacity Additions (MC-CL-YR8356)	42,287	3,009	2,707	3,087	3,132	3,178	3,226	3,234	63,858
PCB Tracking and Condition Assessment Project (MC-CL-YR9974)	-	253	5	300	300	-	-	-	858
Pole Attachments (MC-CL-YR8452)	34,027	16,898	16,614	16,717	7,959	7,307	7,279	7,457	114,258
RCOS Power Plant Controller Replacement (MC-CL-YD9948)	-	-	2,280	2,280	-	-	-	-	4,560
Relaying Improvements (MC-CL-YS7753)	40,456	5,351	4,474	4,543	5,089	5,403	5,484	5,298	76,097
Replace Breakers BPA Covington and Maple Valley Substations (MC-CL-YS7121)	546	22	11	11	11	12	12	12	636
Security Improvements (MC-CL-YD9202)	24,731	10,210	2,616	2,720	2,816	2,818	2,820	2,821	51,552
Special Work Equipment - Other Plant (MC-CL-YD9102)	9,854	1,559	1,114	1,126	1,139	1,151	1,062	1,075	18,079
Special Work Equipment - Tech Metering (MC-CL-YN8485)	-	202	200	100	100	200	200	200	1,202
Substation Automation (MC-CL-YS8424)	8,783	568	1,613	1,437	1,404	1,453	1,476	1,499	18,233
Substation Breaker Replacements and Reliability Additions (MC-CL-YS7779)	41,364	5,130	7,423	8,980	9,424	8,268	8,619	7,550	96,759
Substation Capacity Additions (MC-CL-YS7751)	12,027	1,937	2,456	2,156	2,187	2,991	2,348	2,385	28,486
Substation Equipment Improvements (MC-CL-YS7752)	51,788	2,950	5,712	6,386	6,052	6,570	7,862	6,289	93,609

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Substation Plant Improvements (MC-CL-YS7750)	6,918	2,033	953	1,229	1,378	1,283	1,413	1,462	16,670
Substation Transformer Replacements (MC-CL-YS7776)	13,335	2,896	4,562	4,838	4,923	2,049	2,988	4,438	40,029
Substations Demand Driven Improvements (MC-CL-YS7755)	525	11	5	5	6	6	6	6	569
Substations Oil Containment (MC-CL-YS7783)	45	12	325	214	552	372	378	383	2,281
Transmission & Generation Radio Systems (MC-CL-YD9108)	9,976	478	1,024	949	964	1,194	1,000	1,000	16,584
Transmission Capacity (MC-CL-YT7011)	5,215	(0)	23	23	24	38	14	15	5,351
Transmission Inter-Agency (MC-CL-YT7105)	2,607	325	610	594	557	587	573	609	6,461
Transmission Line Inductor Installation (MC-CL-YT8461)	12,307	14,418	6,685	726	-	-	-	-	34,136
Transmission Line Reconductoring (MC-CL-YT8462)	1,152	3,927	-	-	-	-	-	-	5,078
Transmission Reliability (MC-CL-YT7104)	27,508	3,097	925	2,267	3,620	4,971	3,771	3,641	49,801
Underground 26kV Conversion (MC-CL-YR8362)	7,964	1,403	2,447	3,366	4,115	3,534	3,564	3,595	29,988
Underground Customer Driven Capacity Additions (MC-CL-YR8360)	41,270	3,333	5,293	5,296	5,792	5,556	5,667	5,784	77,991
Underground Equipment Replacements (MC-CL-YR8353)	64,784	12,818	10,413	23,626	26,551	46,137	48,636	50,450	283,415
Underground System Capacity Additions (MC-CL-YR8361)	46,046	5,127	3,024	3,195	4,149	3,304	3,360	3,417	71,621
Union Street Substation Networks (MC-CL-YN8201)	18,422	1,748	2,605	2,806	2,837	2,840	2,897	2,482	36,638

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
University of Washington Capacity Additions (MC-CL- YR8466)	-	-	-	-	2,000	10,500	12,000	12,002	36,502
University Substation - Network (MC-CL-YN8464)	4,979	954	465	480	488	490	498	493	8,848
Vegetation Management Compliance System (MC- CL-YD9978)	-	850	-	-	-	-	-	-	850
Vista Switch Automation (MC-CL-YR8483)	-	10	382	382	383	383	383	-	1,923
Transmission and Distribution - CIP Total	1,218,165	224,238	147,564	223,133	171,236	195,323	188,116	187,544	2,555,319
Seattle City Light Total	2,654,229	579,544	378,049	431,662	382,972	362,430	348,848	343,402	5,481,138

*Amounts in thousands of dollars.

Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
41000 - Light Fund	2,654,229	579,544	378,049	431,662	382,972	362,430	348,848	343,402	5,481,138
Seattle City Light Total	2,654,229	579,544	378,049	431,662	382,972	362,430	348,848	343,402	5,481,138

**Amounts in thousands of dollars.*

Advanced Metering Infrastructure

Project No:	MC-CL-ZS8426	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	Stage 5 - Construction	Council District:	Multiple
Start/End Date:	2015 - 2019	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$100,374	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	83,123	17,251	-	-	-	-	-	-	100,374
Total:	83,123	17,251	-	-	-	-	-	-	100,374
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	83,123	17,251	-	-	-	-	-	-	100,374
Total:	83,123	17,251	-	-	-	-	-	-	100,374

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Alaskan Way Viaduct and Seawall Replacement - Utility Relocations

Project No:	MC-CL-ZT8307	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	SR 99 / Battery St
Current Project Stage:	Stage 5 - Construction	Council District:	Council District 7
Start/End Date:	2002 - 2023	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$257,145	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	175,921	40,227	21,959	12,557	3,876	606	-	-	255,145
Total:	175,921	40,227	21,959	12,557	3,876	606	-	-	255,145
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	175,921	40,227	21,959	12,557	3,876	606	-	-	255,145
Total:	175,921	40,227	21,959	12,557	3,876	606	-	-	255,145

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Battery Storage Pilot

Project No:	MC-CL-YR8484	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	49	-	-	-	-	-	-	49
Total:	-	49	-	-	-	-	-	-	49
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	49	-	-	-	-	-	-	49
Total:	-	49	-	-	-	-	-	-	49

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary - Access Road Stability Improvements

Project No:	MC-CL-XB6615	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2025	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$9,619	Urban Village:	Outside City of Seattle

This project constructs a substantial slope stabilization in the area of the West Access Road cut to limit maintenance inputs, ensure continued access to the powerhouse, 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 There is a risk that the slope could fail in a more conclusive fashion and block access to the 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	857	19	-	-	-	550	8,162	32	9,619
Total:	857	19	-	-	-	550	8,162	32	9,619
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	857	19	-	-	-	550	8,162	32	9,619
Total:	857	19	-	-	-	550	8,162	32	9,619

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary - DC Battery System & Charge Modernization

Project No:	MC-CL-XB6566	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2023	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$3,059	Urban Village:	Outside City of Seattle

This project replaces the multiple existing DC battery systems at Boundary.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	186	684	804	584	552	248	-	-	3,059
Total:	186	684	804	584	552	248	-	-	3,059
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	186	684	804	584	552	248	-	-	3,059
Total:	186	684	804	584	552	248	-	-	3,059

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary - Entrance Improvements

Project No:	MC-CL-XB6601	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2019	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$3,282	Urban Village:	Outside City of Seattle

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	2,762	520	-	-	-	-	-	-	3,282
Total:	2,762	520	-	-	-	-	-	-	3,282
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	2,762	520	-	-	-	-	-	-	3,282
Total:	2,762	520	-	-	-	-	-	-	3,282

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary - Level 6 Deck Stabilization

Project No:	MC-CL-XB6604	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	Stage 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2020	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$3,221	Urban Village:	Not in an Urban Village

This project installs a new system of rock bolts and other forms of rock anchors to improve the structural stability of the Level 6 Deck on Boundary Dam. This portion of the dam is attached to and supported by the adjacent rock. A recent inspection revealed a weakness in the current attachments and use of the deck by heavy equipment is restricted until these improvements are made. This project also includes stabilization of rock blocks in the powerhouse machine hall.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	1,300	1,721	200	-	-	-	-	-	3,221
Total:	1,300	1,721	200	-	-	-	-	-	3,221
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	1,300	1,721	200	-	-	-	-	-	3,221
Total:	1,300	1,721	200	-	-	-	-	-	3,221

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary - Licensing Mitigation

Project No:	MC-CL-XB6987	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	New Investment	Location:	10382 Boundary Rd, Metaline, WA 99153
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	72,500	28,487	14,386	19,083	16,572	8,725	10,236	10,596	180,584
Total:	72,500	28,487	14,386	19,083	16,572	8,725	10,236	10,596	180,584
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	72,500	28,487	14,386	19,083	16,572	8,725	10,236	10,596	180,584
Total:	72,500	28,487	14,386	19,083	16,572	8,725	10,236	10,596	180,584

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary - Unit 56 Exciter Replacement

Project No:	MC-CL-XB6603	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2020	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$2,188	Urban Village:	Outside City of Seattle

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	1,933	254	1	-	-	-	-	-	2,188
Total:	1,933	254	1	-	-	-	-	-	2,188
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	1,933	254	1	-	-	-	-	-	2,188
Total:	1,933	254	1	-	-	-	-	-	2,188

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Control Room Alarm system replacement

Project No:	MC-CL-XB6637	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Outside City of Seattle
Start/End Date:	2019 - 2021	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$840	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	420	210	210	-	-	-	-	840
Total:	-	420	210	210	-	-	-	-	840
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	420	210	210	-	-	-	-	840
Total:	-	420	210	210	-	-	-	-	840

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Crane Improvements

Project No:	MC-CL-XB6620	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2020	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$8,005	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	3,555	4,440	10	-	-	-	-	-	8,005
Total:	3,555	4,440	10	-	-	-	-	-	8,005
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	3,555	4,440	10	-	-	-	-	-	8,005
Total:	3,555	4,440	10	-	-	-	-	-	8,005

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary DC Panel Upgrade

Project No:	MC-CL-XB6628	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2020	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1,028	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	182	654	192	-	-	-	-	-	1,028
Total:	182	654	192	-	-	-	-	-	1,028
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	182	654	192	-	-	-	-	-	1,028
Total:	182	654	192	-	-	-	-	-	1,028

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Facilities Master Plan

Project No:	MC-CL-XB6642	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This project installs a new system of rock bolts and other forms of rock anchors to improve the structural stability of the Level 6 Deck on Boundary Dam. This portion of the dam is attached to and supported by the adjacent rock. A recent inspection revealed a weakness in the current attachments and use of the deck by heavy equipment is restricted until these improvements are made.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	9	486	514	750	2,000	1,000	950	5,709
Total:	-	9	486	514	750	2,000	1,000	950	5,709
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	9	486	514	750	2,000	1,000	950	5,709
Total:	-	9	486	514	750	2,000	1,000	950	5,709

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Facility - Minor Improvements Program

Project No:	MC-CL-XB6401	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	10382 Boundary Rd, Metaline, WA 99153
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	21,907	753	4,776	7,136	8,644	8,451	6,412	7,611	65,689
Total:	21,907	753	4,776	7,136	8,644	8,451	6,412	7,611	65,689
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	21,907	753	4,776	7,136	8,644	8,451	6,412	7,611	65,689
Total:	21,907	753	4,776	7,136	8,644	8,451	6,412	7,611	65,689

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Fiber Ring Upgrade

Project No:	MC-CL-XB6635	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2020 - 2021	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$705	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	205	500	-	-	-	-	705
Total:	-	-	205	500	-	-	-	-	705
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	205	500	-	-	-	-	705
Total:	-	-	205	500	-	-	-	-	705

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Governor Rehabilitation

Project No:	MC-CL-XB6641	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2023 - 2026	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$8,552	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	-	-	552	4,000	4,000	8,552
Total:	-	-	-	-	-	552	4,000	4,000	8,552
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	-	-	-	552	4,000	4,000	8,552
Total:	-	-	-	-	-	552	4,000	4,000	8,552

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Powerhouse - Transformer Bank Rockfall Mitigation

Project No:	MC-CL-XB6485	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	10382 Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Outside City of Seattle
Start/End Date:	2008 - 2025	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$3,039	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	502	-	-	-	-	-	-	2,537	3,039
Total:	502	-	-	-	-	-	-	2,537	3,039
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	502	-	-	-	-	-	-	2,537	3,039
Total:	502	-	-	-	-	-	-	2,537	3,039

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Powerhouse - Unit 51 Generator Rebuild

Project No:	MC-CL-XB6351	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	10382 Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2021	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$27,725	Urban Village:	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. 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. 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	9,253	16,316	1,952	205	-	-	-	-	27,725
Total:	9,253	16,316	1,952	205	-	-	-	-	27,725
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	9,253	16,316	1,952	205	-	-	-	-	27,725
Total:	9,253	16,316	1,952	205	-	-	-	-	27,725

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Powerhouse - Unit 52 Generator Rebuild

Project No:	MC-CL-XB6535	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 3 - Design	Council District:	Outside City of Seattle
Start/End Date:	2019 - 2023	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$21,141	Urban Village:	Outside City of Seattle

This project provides rewinding and refurbishing of the Boundary Powerhouse Unit 52 generator, which is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators. 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. 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	94	11,438	7,831	1,579	200	-	-	21,141
Total:	-	94	11,438	7,831	1,579	200	-	-	21,141
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	94	11,438	7,831	1,579	200	-	-	21,141
Total:	-	94	11,438	7,831	1,579	200	-	-	21,141

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Powerhouse - Unit 54 Generator Rebuild

Project No:	MC-CL-XB6353	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	10382 Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 3 - Design	Council District:	Outside City of Seattle
Start/End Date:	2018 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$19,449	Urban Village:	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. 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. 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	2,348	8,222	6,925	1,753	200	-	-	-	19,449
Total:	2,348	8,222	6,925	1,753	200	-	-	-	19,449
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	2,348	8,222	6,925	1,753	200	-	-	-	19,449
Total:	2,348	8,222	6,925	1,753	200	-	-	-	19,449

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Powerhouse Exhaust system

Project No:	MC-CL-XB6634	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2022 - 2023	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$823	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	-	323	500	-	-	823
Total:	-	-	-	-	323	500	-	-	823
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	-	-	323	500	-	-	823
Total:	-	-	-	-	323	500	-	-	823

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Powerhouse Generator Step-up Transformer Replacement

Project No:	MC-CL-XB6493	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	New Facility	Location:	10382 Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 3 - Design	Council District:	Outside City of Seattle
Start/End Date:	2010 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$44,928	Urban Village:	Not in an Urban Village

This project replaces six 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	14,585	6,919	7,635	7,011	5,405	3,153	221	-	44,928
Total:	14,585	6,919	7,635	7,011	5,405	3,153	221	-	44,928
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	14,585	6,919	7,635	7,011	5,405	3,153	221	-	44,928
Total:	14,585	6,919	7,635	7,011	5,405	3,153	221	-	44,928

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Service Area Paving

Project No:	MC-CL-XB6632	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2023 - 2025	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1,501	Urban Village:	Not in an Urban Village

This project provides paving of the Boundary service area roadways and parking areas.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	-	-	331	1,000	170	1,501
Total:	-	-	-	-	-	331	1,000	170	1,501
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	-	-	-	331	1,000	170	1,501
Total:	-	-	-	-	-	331	1,000	170	1,501

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Sluice Gate Automation

Project No:	MC-CL-XB6638	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2022 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1,323	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	-	1,323	-	-	-	1,323
Total:	-	-	-	-	1,323	-	-	-	1,323
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	-	-	1,323	-	-	-	1,323
Total:	-	-	-	-	1,323	-	-	-	1,323

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Sluice Gate Walkway Replacement

Project No:	MC-CL-XB6631	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2020 - 2021	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$523	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	123	400	-	-	-	-	523
Total:	-	-	123	400	-	-	-	-	523
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	123	400	-	-	-	-	523
Total:	-	-	123	400	-	-	-	-	523

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Station Service Transformer Replacement

Project No:	MC-CL-XB6627	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2019 - 2025	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$8,536	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	210	-	-	518	3,400	3,777	630	8,536
Total:	-	210	-	-	518	3,400	3,777	630	8,536
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	210	-	-	518	3,400	3,777	630	8,536
Total:	-	210	-	-	518	3,400	3,777	630	8,536

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Sump Pump Drive Replacement

Project No:	MC-CL-XB6633	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2019 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1,211	Urban Village:	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 2020, and the final one will be in service in 2024.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	207	205	200	200	200	200	-	1,211
Total:	-	207	205	200	200	200	200	-	1,211
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	207	205	200	200	200	200	-	1,211
Total:	-	207	205	200	200	200	200	-	1,211

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Tailrace Boat Ramp improvements

Project No:	MC-CL-XB6630	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2019 - 2021	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$731	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	130	198	403	-	-	-	-	731
Total:	-	130	198	403	-	-	-	-	731
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	130	198	403	-	-	-	-	731
Total:	-	130	198	403	-	-	-	-	731

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary Tailrace East Access Road Improvements

Project No:	MC-CL-XB6629	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2021 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$559	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	156	403	-	-	-	559
Total:	-	-	-	156	403	-	-	-	559
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	-	156	403	-	-	-	559
Total:	-	-	-	156	403	-	-	-	559

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Boundary U55/56 Fire Suppression

Project No:	MC-CL-XB6636	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary Rd, Metaline, WA 99153
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2021 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$2,089	Urban Village:	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 has been 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 2023.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	87	711	647	644	-	2,089
Total:	-	-	-	87	711	647	644	-	2,089
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	-	87	711	647	644	-	2,089
Total:	-	-	-	87	711	647	644	-	2,089

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Broad Street Substation - Network

Project No:	MC-CL-YN8203	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	319 6th AVE N
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	78,297	6,283	4,472	8,541	2,914	2,955	3,000	3,000	109,462
Total:	78,297	6,283	4,472	8,541	2,914	2,955	3,000	3,000	109,462
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	78,297	6,283	4,472	8,541	2,914	2,955	3,000	3,000	109,462
Total:	78,297	6,283	4,472	8,541	2,914	2,955	3,000	3,000	109,462

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Building Envelope Upgrades

Project No:	MC-CL-XF9072	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	500 Newhalem Creek Rd, Marblemount, WA 98267
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	7,491	3,740	1,441	1,409	1,509	1,493	1,493	1,493	20,071
Total:	7,491	3,740	1,441	1,409	1,509	1,493	1,493	1,493	20,071
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	7,491	3,740	1,441	1,409	1,509	1,493	1,493	1,493	20,071
Total:	7,491	3,740	1,441	1,409	1,509	1,493	1,493	1,493	20,071

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Call Center Improvements - City Light

Project No:	MC-CL-ZC9972	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	University District / Roosevelt / Northgate
Current Project Stage:	N/A	Council District:	Council District 5
Start/End Date:	N/A	Neighborhood District:	Northwest
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	554	462	107	220	56	231	50	1,681
Total:	-	554	462	107	220	56	231	50	1,681
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	554	462	107	220	56	231	50	1,681
Total:	-	554	462	107	220	56	231	50	1,681

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Cedar Falls - Bank 6 Replacement

Project No:	MC-CL-XC6573	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Cedar Falls
Current Project Stage:	Stage 3 - Design	Council District:	Outside City of Seattle
Start/End Date:	2018 - 2022	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$9,191	Urban Village:	Outside City of Seattle

This project builds a new substation at Cedar Falls and 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 aging transformer is water cooled posing an environmental hazard to the cities drinking water supply and the switchyard does not meet electrical clearance safety standards. The transformer and switchyard are approaching the end of their its useful lives and the goal of this project is to replace them to resolve reliability, environmental and safety issues.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	371	4,587	2,154	2,078	-	-	-	-	9,191
Total:	371	4,587	2,154	2,078	-	-	-	-	9,191
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	371	4,587	2,154	2,078	-	-	-	-	9,191
Total:	371	4,587	2,154	2,078	-	-	-	-	9,191

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Cedar Falls - New Generator 5/6 Exciters

Project No:	MC-CL-XC6531	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Cedar Falls
Current Project Stage:	Stage 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2020	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$1,769	Urban Village:	Outside City of Seattle

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	248	1,316	205	-	-	-	-	-	1,769
Total:	248	1,316	205	-	-	-	-	-	1,769
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	248	1,316	205	-	-	-	-	-	1,769
Total:	248	1,316	205	-	-	-	-	-	1,769

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Cedar Falls Powerhouse - Penstock Stabilization

Project No:	MC-CL-XC6358	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	19901 Cedar Falls Rd SE, North Bend, WA 98045
Current Project Stage:	Stage 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2007 - 2021	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$3,861	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	2,084	1,373	404	-	-	-	-	-	3,861
Total:	2,084	1,373	404	-	-	-	-	-	3,861
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	2,084	1,373	404	-	-	-	-	-	3,861
Total:	2,084	1,373	404	-	-	-	-	-	3,861

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay

Project No:	MC-CL-XC6450	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	19901 Cedar Falls Rd SE, North Bend, WA 98045
Current Project Stage:	Stage 3 - Design	Council District:	Outside City of Seattle
Start/End Date:	2007 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1,372	Urban Village:	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. Upgrading and reconfiguring the protective relays is critical to preparing the new Cedar Falls substation for operation. 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	1,033	5	-	304	30	-	-	-	1,372
Total:	1,033	5	-	304	30	-	-	-	1,372
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	1,033	5	-	304	30	-	-	-	1,372
Total:	1,033	5	-	304	30	-	-	-	1,372

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Cedar Falls Powerhouse - Valvehouse Rehabilitation

Project No:	MC-CL-XC6324	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	19901 Cedar Falls Rd SE, North Bend, WA 98045
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Outside City of Seattle
Start/End Date:	2024 - 2025	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$646	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	-	-	-	146	500	646
Total:	-	-	-	-	-	-	146	500	646
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	-	-	-	-	146	500	646
Total:	-	-	-	-	-	-	146	500	646

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Cedar Falls Rehabilitation

Project No:	MC-CL-XC6625	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Cedar Falls
Current Project Stage:	Stage 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$2,265	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	555	908	302	250	250	-	-	-	2,265
Total:	555	908	302	250	250	-	-	-	2,265
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	555	908	302	250	250	-	-	-	2,265
Total:	555	908	302	250	250	-	-	-	2,265

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Cedar Falls/South Fork Tolt - Minor Improvements Program

Project No:	MC-CL-XC6406	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	19901 Cedar Falls Rd SE, North Bend, WA 98045
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	13,343	1,372	2,613	2,172	2,713	2,500	2,500	2,500	29,713
Total:	13,343	1,372	2,613	2,172	2,713	2,500	2,500	2,500	29,713
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	13,343	1,372	2,613	2,172	2,713	2,500	2,500	2,500	29,713
Total:	13,343	1,372	2,613	2,172	2,713	2,500	2,500	2,500	29,713

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Center City Connector Streetcar City Light

Project No:	MC-CL-ZT8470	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	City Wide
Current Project Stage:	Stage 4 - Procurement/Bid	Council District:	Multiple
Start/End Date:	2015 - 2024	Neighborhood District:	Multiple
Total Project Cost:	\$19,259	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	529	395	43	57	5,058	5,059	2,119	-	13,259
Total:	529	395	43	57	5,058	5,059	2,119	-	13,259
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	529	395	43	57	5,058	5,059	2,119	-	13,259
Total:	529	395	43	57	5,058	5,059	2,119	-	13,259

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Citywide Undergrounding Initiative - City Light

Project No:	MC-CL-ZL8403	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	6	21	10	10	10	10	10	10	88
Total:	6	21	10	10	10	10	10	10	88
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	6	21	10	10	10	10	10	10	88
Total:	6	21	10	10	10	10	10	10	88

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Communications Improvements

Project No:	MC-CL-YD9009	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	9,511	609	947	940	824	1,051	641	950	15,474
Total:	9,511	609	947	940	824	1,051	641	950	15,474
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	9,511	609	947	940	824	1,051	641	950	15,474
Total:	9,511	609	947	940	824	1,051	641	950	15,474

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Creston-Nelson to Intergate East Feeder Installation

Project No:	MC-CL-ZO8430	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	Tukwila
Current Project Stage:	Stage 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2009 - 2020	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$9,074	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	7,259	1,500	315	-	-	-	-	-	9,074
Total:	7,259	1,500	315	-	-	-	-	-	9,074
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	7,259	1,500	315	-	-	-	-	-	9,074
Total:	7,259	1,500	315	-	-	-	-	-	9,074

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Dallas Ave. 26 kV Crossing

Project No:	MC-CL-YR8322	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	Dallas Ave S
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 2
Start/End Date:	2005 - 2025	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$1,069	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	499	184	-	-	26	192	47	120	1,069
Total:	499	184	-	-	26	192	47	120	1,069
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	499	184	-	-	26	192	47	120	1,069
Total:	499	184	-	-	26	192	47	120	1,069

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Dam Safety Part 12 Improvements

Project No:	MC-CL-XB6626	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Improved Facility	Location:	System Wide
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This project funds the support analysis and data required to meet FERC regulations. City Light must demonstrate that the dams are monitored and engineering improvements are based on current climate conditions, most current engineering standards, and the appropriate devices, instrumentation, and tools. Activities may include Skagit bulkhead, Boundary new instrumentation, Diablo & Gorge GPS System, Boundary instrumentation, Boundary Part 12 Implementation and Skagit Part 12 Implementation. This project funds the support analysis and data required to meet FERC regulations. City Light must demonstrate that the dams are monitored and engineering improvements are based on current climate conditions, most current engineering standards, and the appropriate devices, instrumentation, and tools. Activities may include Skagit bulkhead, Boundary new instrumentation, Diablo & Gorge GPS System, Boundary instrumentation, Boundary Part 12 Implementation and Skagit Part 12 Implementation.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	158	953	1,158	541	541	542	542	543	4,977
Total:	158	953	1,158	541	541	542	542	543	4,977
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	158	953	1,158	541	541	542	542	543	4,977
Total:	158	953	1,158	541	541	542	542	543	4,977

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Data Warehouse Implementation

Project No:	MC-CL-WF9975	BSL Code:	BC-CL-W
Project Type:	Discrete	BSL Name:	Financial Services - CIP
Project Category:	New Investment	Location:	System wide
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Multiple
Start/End Date:	2017 - 2020	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1,872	Urban Village:	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. This project continues as MC-CL-ZF9975 in 2020.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	161	1,711	-	-	-	-	-	-	1,872
Total:	161	1,711	-	-	-	-	-	-	1,872
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	161	1,711	-	-	-	-	-	-	1,872
Total:	161	1,711	-	-	-	-	-	-	1,872

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Data Warehouse Implementation

Project No:	MC-CL-ZF9975	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Citywide
Start/End Date:	2017 - 2023	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$574	Urban Village:	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. This project continues the work started under MC-CL-WF9975.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	143	143	143	144	-	-	574
Total:	-	-	143	143	143	144	-	-	574
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	143	143	143	144	-	-	574
Total:	-	-	143	143	143	144	-	-	574

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Denny Substation - Network

Project No:	MC-CL-YN8404	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	Valley Street
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Lake Union
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	68,894	27,724	11,262	11,811	10,655	10,887	11,140	10,836	163,210
Total:	68,894	27,724	11,262	11,811	10,655	10,887	11,140	10,836	163,210
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	68,894	27,724	11,262	11,811	10,655	10,887	11,140	10,836	163,210
Total:	68,894	27,724	11,262	11,811	10,655	10,887	11,140	10,836	163,210

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Denny Substation Development

Project No:	MC-CL-YS7757	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	Stage 6 - Closeout	Council District:	Citywide
Start/End Date:	2007 - 2019	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$231,297	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	204,009	27,288	-	-	-	-	-	-	231,297
Total:	204,009	27,288	-	-	-	-	-	-	231,297
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	204,009	27,288	-	-	-	-	-	-	231,297
Total:	204,009	27,288	-	-	-	-	-	-	231,297

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Denny Substation Tenant Improvements

Project No:	MC-CL-XF9235	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Valley Street
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Lake Union
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	2,100	3,172	1,116	12	-	-	-	-	6,400
Total:	2,100	3,172	1,116	12	-	-	-	-	6,400
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	2,100	3,172	1,116	12	-	-	-	-	6,400
Total:	2,100	3,172	1,116	12	-	-	-	-	6,400

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Denny Substation Transmission Lines

Project No:	MC-CL-YT7125	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Citywide
Start/End Date:	2008 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$72,813	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	17,111	3,560	200	50,006	1,936	-	-	-	72,813
Total:	17,111	3,560	200	50,006	1,936	-	-	-	72,813
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	17,111	3,560	200	50,006	1,936	-	-	-	72,813
Total:	17,111	3,560	200	50,006	1,936	-	-	-	72,813

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Diablo - Load Interrupters Replacement

Project No:	MC-CL-XS6532	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 126 Stte Highway 20
Current Project Stage:	Stage 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2015 - 2019	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$6,072	Urban Village:	Outside City of Seattle

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 circuit breakers.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	4,572	1,394	105	-	-	-	-	-	6,072
Total:	4,572	1,394	105	-	-	-	-	-	6,072
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	4,572	1,394	105	-	-	-	-	-	6,072
Total:	4,572	1,394	105	-	-	-	-	-	6,072

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Diablo - Replace Bank Transformers

Project No:	MC-CL-XS6589	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 126 Stte Highway 20
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2023 - 2026	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$6,115	Urban Village:	Outside City of Seattle

This project replaces the two Diablo generator step up transformer banks as they reach the end of their useful life.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	-	-	315	3,800	2,000	6,115
Total:	-	-	-	-	-	315	3,800	2,000	6,115
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	-	-	-	315	3,800	2,000	6,115
Total:	-	-	-	-	-	315	3,800	2,000	6,115

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Diablo Dam - Spill Gate Trunnion Upgrades

Project No:	MC-CL-XS6610	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 126 Stte Highway 20
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Outside City of Seattle
Total Project Cost:	N/A	Urban Village:	Outside City of Seattle

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	858	706	483	487	491	496	419	300	4,241
Total:	858	706	483	487	491	496	419	300	4,241
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	858	706	483	487	491	496	419	300	4,241
Total:	858	706	483	487	491	496	419	300	4,241

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Diablo Facility - Lines Protection Upgrades

Project No:	MC-CL-XS6483	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 126 State Highway 20
Current Project Stage:	Stage 3 - Design	Council District:	Outside City of Seattle
Start/End Date:	2011 - 2021	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$7,255	Urban Village:	Not in an Urban Village

This project provides updated line protection schemes on the Diablo Facility D1, D2, & D3, R1 and R2 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	5,781	740	241	493	-	-	-	-	7,255
Total:	5,781	740	241	493	-	-	-	-	7,255
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	5,781	740	241	493	-	-	-	-	7,255
Total:	5,781	740	241	493	-	-	-	-	7,255

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Diablo Powerhouse - Rebuild Generator Unit 31

Project No:	MC-CL-XS6422	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 126 State Highway 20
Current Project Stage:	Stage 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2012 - 2020	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$26,178	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	24,830	1,303	45	-	-	-	-	-	26,178
Total:	24,830	1,303	45	-	-	-	-	-	26,178
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	24,830	1,303	45	-	-	-	-	-	26,178
Total:	24,830	1,303	45	-	-	-	-	-	26,178

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Diablo Powerhouse - Rebuild Generator Unit 32

Project No:	MC-CL-XS6423	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 126 State Highway 20
Current Project Stage:	Stage 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2015 - 2019	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$20,923	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	17,400	3,522	-	-	-	-	-	-	20,923
Total:	17,400	3,522	-	-	-	-	-	-	20,923
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	17,400	3,522	-	-	-	-	-	-	20,923
Total:	17,400	3,522	-	-	-	-	-	-	20,923

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Distribution Area Communications Networks

Project No:	MC-CL-YD9307	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	20,529	3,536	3,565	2,229	2,818	2,722	1,954	2,441	39,794
Total:	20,529	3,536	3,565	2,229	2,818	2,722	1,954	2,441	39,794
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	20,529	3,536	3,565	2,229	2,818	2,722	1,954	2,441	39,794
Total:	20,529	3,536	3,565	2,229	2,818	2,722	1,954	2,441	39,794

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Distribution Automation

Project No:	MC-CL-YR8425	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	10,439	2,337	2,907	3,007	2,998	3,210	3,092	3,141	31,131
Total:	10,439	2,337	2,907	3,007	2,998	3,210	3,092	3,141	31,131
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	10,439	2,337	2,907	3,007	2,998	3,210	3,092	3,141	31,131
Total:	10,439	2,337	2,907	3,007	2,998	3,210	3,092	3,141	31,131

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Distribution Management System

Project No:	MC-CL-YD9966	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Citywide
Start/End Date:	2019 - 2019	Neighborhood District:	Multiple
Total Project Cost:	\$94	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	44	-	-	-	-	-	50	94
Total:	-	44	-	-	-	-	-	50	94
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	44	-	-	-	-	-	50	94
Total:	-	44	-	-	-	-	-	50	94

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Document Management System

Project No:	MC-CL-ZF9962	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	1,023	922	672	872	872	-	4,359
Total:	-	-	1,023	922	672	872	872	-	4,359
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	1,023	922	672	872	872	-	4,359
Total:	-	-	1,023	922	672	872	872	-	4,359

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

DSM Tracking & Reporting System

Project No:	MC-CL-WF9928	BSL Code:	BC-CL-W
Project Type:	Discrete	BSL Name:	Financial Services - CIP
Project Category:	New Investment	Location:	System wide
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Multiple
Start/End Date:	2019 - 2021	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$2,271	Urban Village:	Not in an Urban Village

This new project implements a Demand Side Management (DSM) Program Tracking and Management System which will assist in managing customer and program information, store project-related documents, expedite business workflow, and implement tracking and reporting tools. Implementing a DSM was identified as the number one, mission critical strategic priority in the SCL Strategic Plan. This project continues as MC-CL-ZF9928 in 2020.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	2,271	-	-	-	-	-	-	2,271
Total:	-	2,271	-	-	-	-	-	-	2,271
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	2,271	-	-	-	-	-	-	2,271
Total:	-	2,271	-	-	-	-	-	-	2,271

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Electric Vehicle Infrastructure

Project No:	MC-CL-XF9237	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	New Investment	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	873	2,331	1,141	-	-	-	-	-	4,346
Total:	873	2,331	1,141	-	-	-	-	-	4,346
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	873	2,331	1,141	-	-	-	-	-	4,346
Total:	873	2,331	1,141	-	-	-	-	-	4,346

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Endangered Species Act Mitigation

Project No:	MC-CL-XP6990	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Outside City of Seattle
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	12,324	1,901	1,115	1,134	1,153	1,169	1,193	1,213	21,201
Total:	12,324	1,901	1,115	1,134	1,153	1,169	1,193	1,213	21,201
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	12,324	1,901	1,115	1,134	1,153	1,169	1,193	1,213	21,201
Total:	12,324	1,901	1,115	1,134	1,153	1,169	1,193	1,213	21,201

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Energy Conservation

Project No:	MC-CL-XF9320	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	5,020	1,764	102	102	102	102	102	102	7,399
Total:	5,020	1,764	102	102	102	102	102	102	7,399
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	5,020	1,764	102	102	102	102	102	102	7,399
Total:	5,020	1,764	102	102	102	102	102	102	7,399

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Energy Management System Upgrade

Project No:	MC-CL-YD9979	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Citywide
Start/End Date:	2020 - 2021	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1,650	Urban Village:	Not in an Urban Village

This funds the upgrade to maintain the SCL vendor supported Energy Management System (EMS) for Supervisory Control and Data Acquisition (SCADA) for power system operation that is current with industry technology, cyber security and regulatory compliant for highly available and reliable system operation. The EMS Replacement Project was deployed in 2016 with a planned investment objective to maintain current vendor support with software and hardware. In 2020 the EMS software and hardware will be over 5 years old. To maintain optimum support, it is recommended that software upgrades occur every 2-3 years and hardware upgrades every 5 years.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	1,650	-	-	-	-	-	1,650
Total:	-	-	1,650	-	-	-	-	-	1,650
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	1,650	-	-	-	-	-	1,650
Total:	-	-	1,650	-	-	-	-	-	1,650

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Enterprise Document Management System

Project No:	MC-CL-WF9962	BSL Code:	BC-CL-W
Project Type:	Discrete	BSL Name:	Financial Services - CIP
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Citywide, Multiple
Start/End Date:	2015 - 2026	Neighborhood District:	Multiple
Total Project Cost:	\$7,370	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	6,416	955	-	-	-	-	-	-	7,370
Total:	6,416	955	-	-	-	-	-	-	7,370
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	6,416	955	-	-	-	-	-	-	7,370
Total:	6,416	955	-	-	-	-	-	-	7,370

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Enterprise Geographic Information System

Project No:	MC-CL-YD9957	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Citywide
Start/End Date:	2015 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$8,722	Urban Village:	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).

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	49	6,374	65	1,111	1,122	-	-	-	8,722
Total:	49	6,374	65	1,111	1,122	-	-	-	8,722
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	49	6,374	65	1,111	1,122	-	-	-	8,722
Total:	49	6,374	65	1,111	1,122	-	-	-	8,722

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Enterprise Software Solution Replacement Strategy

Project No:	MC-CL-YD9969	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	City Wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	8,521	3,174	9,165	10,721	6,861	430	-	38,871
Total:	-	8,521	3,174	9,165	10,721	6,861	430	-	38,871
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	8,521	3,174	9,165	10,721	6,861	430	-	38,871
Total:	-	8,521	3,174	9,165	10,721	6,861	430	-	38,871

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Environmental Safeguarding and Remediation of Facilities

Project No:	MC-CL-XF9152	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Outside City of Seattle
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	664	156	56	57	58	46	47	48	1,132
Total:	664	156	56	57	58	46	47	48	1,132
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	664	156	56	57	58	46	47	48	1,132
Total:	664	156	56	57	58	46	47	48	1,132

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Equipment Fleet Replacement

Project No:	MC-CL-XF9101	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	74,121	17,275	7,182	7,185	9,051	8,867	8,000	8,500	140,181
Total:	74,121	17,275	7,182	7,185	9,051	8,867	8,000	8,500	140,181
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	74,121	17,275	7,182	7,185	9,051	8,867	8,000	8,500	140,181
Total:	74,121	17,275	7,182	7,185	9,051	8,867	8,000	8,500	140,181

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Facilities Infrastructure Improvements

Project No:	MC-CL-XF9156	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	3,677	669	68	62	63	64	66	67	4,736
Total:	3,677	669	68	62	63	64	66	67	4,736
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	3,677	669	68	62	63	64	66	67	4,736
Total:	3,677	669	68	62	63	64	66	67	4,736

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Facilities Regulatory Compliance

Project No:	MC-CL-XF9151	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	500 Newhalem Creek Rd, Marblemount, WA 98267
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	2,036	2,291	331	340	348	357	365	383	6,452
Total:	2,036	2,291	331	340	348	357	365	383	6,452
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	2,036	2,291	331	340	348	357	365	383	6,452
Total:	2,036	2,291	331	340	348	357	365	383	6,452

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

First Hill - Network

Project No:	MC-CL-YN8301	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	1100 Madison St
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	East District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	14,651	1,686	2,072	1,906	4,601	4,628	4,665	3,884	38,092
Total:	14,651	1,686	2,072	1,906	4,601	4,628	4,665	3,884	38,092
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	14,651	1,686	2,072	1,906	4,601	4,628	4,665	3,884	38,092
Total:	14,651	1,686	2,072	1,906	4,601	4,628	4,665	3,884	38,092

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

First Hill - Network Load Transfer

Project No:	MC-CL-YN8407	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	1100 Madison St.
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 3
Start/End Date:	2019 - 2019	Neighborhood District:	East District
Total Project Cost:		Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	19	(19)	-	-	-	-	-	-	-
Total:	19	(19)	-	-	-	-	-	-	-
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	19	(19)	-	-	-	-	-	-	-
Total:	19	(19)	-	-	-	-	-	-	-

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Generation Federal Reliability Standards Improvements

Project No:	MC-CL-XP6470	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	New Facility	Location:	500 Newhalem Creek Rd, Marblemount, WA 98267
Current Project Stage:	Stage 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2007 - 2020	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$9,552	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	9,521	21	10	-	-	-	-	-	9,552
Total:	9,521	21	10	-	-	-	-	-	9,552
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	9,521	21	10	-	-	-	-	-	9,552
Total:	9,521	21	10	-	-	-	-	-	9,552

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Georgetown Steamplant Access Road

Project No:	MC-CL-XF9233	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Off Wa 99 At King County Airport
Current Project Stage:	Stage 5 - Construction	Council District:	Council District 2
Start/End Date:	2015 - 2020	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$1,566	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	104	1,320	142	-	-	-	-	-	1,566
Total:	104	1,320	142	-	-	-	-	-	1,566
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	104	1,320	142	-	-	-	-	-	1,566
Total:	104	1,320	142	-	-	-	-	-	1,566

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Gorge - 240V AC Station Service Switchgear Replacement

Project No:	MC-CL-XS6581	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 121 Stte Highway 20
Current Project Stage:	Stage 4 - Procurement/Bid	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2021	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$2,562	Urban Village:	Outside City of Seattle

This project mitigates safety hazards at the Gorge and Diablo Powerhouses 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	1,007	701	10	844	-	-	-	-	2,562
Total:	1,007	701	10	844	-	-	-	-	2,562
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	1,007	701	10	844	-	-	-	-	2,562
Total:	1,007	701	10	844	-	-	-	-	2,562

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Gorge Crane Rehabilitation

Project No:	MC-CL-XS6639	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 121 State Highway 20
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2021 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1,877	Urban Village:	Not in an Urban Village

This project refurbishes or replaces mechanical and electrical systems for the Gorge powerhouse cranes 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	251	276	1,343	7	-	1,877
Total:	-	-	-	251	276	1,343	7	-	1,877
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	-	251	276	1,343	7	-	1,877
Total:	-	-	-	251	276	1,343	7	-	1,877

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Gorge U21-24 overhauls

Project No:	MC-CL-XS6640	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 121 State Highway 20
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2022 - 2026	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$42,227	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	-	1,077	15,150	12,000	14,000	42,227
Total:	-	-	-	-	1,077	15,150	12,000	14,000	42,227
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	-	-	1,077	15,150	12,000	14,000	42,227
Total:	-	-	-	-	1,077	15,150	12,000	14,000	42,227

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Hydro Project Spill Containment

Project No:	MC-CL-XP6530	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Outside City of Seattle
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Outside City of Seattle
Total Project Cost:	N/A	Urban Village:	Outside City of Seattle

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	2,429	152	490	-	-	-	-	-	3,071
Total:	2,429	152	490	-	-	-	-	-	3,071
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	2,429	152	490	-	-	-	-	-	3,071
Total:	2,429	152	490	-	-	-	-	-	3,071

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Information Technology Infrastructure

Project No:	MC-CL-WF9915	BSL Code:	BC-CL-W
Project Type:	Ongoing	BSL Name:	Financial Services - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	25,408	926	-	-	-	-	-	-	26,334
Total:	25,408	926	-	-	-	-	-	-	26,334
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	25,408	926	-	-	-	-	-	-	26,334
Total:	25,408	926	-	-	-	-	-	-	26,334

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Interbay Substation - Development

Project No:	MC-CL-YS7756	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	17th Ave West
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 7
Start/End Date:	2019 - 2025	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$1,441	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	29	29	191	250	306	314	321	1,441
Total:	-	29	29	191	250	306	314	321	1,441
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	29	29	191	250	306	314	321	1,441
Total:	-	29	29	191	250	306	314	321	1,441

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

IT Infrastructure

Project No:	MC-CL-ZF9915	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	100	100	100	100	100	100	600
Total:	-	-	100	100	100	100	100	100	600
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	100	100	100	100	100	100	600
Total:	-	-	100	100	100	100	100	100	600

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

IT Security Upgrades

Project No:	MC-CL-WF9960	BSL Code:	BC-CL-W
Project Type:	Ongoing	BSL Name:	Financial Services - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	3,979	151	-	-	-	-	-	-	4,130
Total:	3,979	151	-	-	-	-	-	-	4,130

Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	3,979	151	-	-	-	-	-	-	4,130
Total:	3,979	151	-	-	-	-	-	-	4,130

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

IT Security Upgrades

Project No:	MC-CL-ZF9960	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	686	691	673	673	673	673	4,070
Total:	-	-	686	691	673	673	673	673	4,070
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	686	691	673	673	673	673	4,070
Total:	-	-	686	691	673	673	673	673	4,070

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Landis and Gyr RTU Modernization Boundary, Cedar Falls and Skagit

Project No:	MC-CL-XB6565	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary, Skagit and Cedar Falls power facilities
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2019 - 2022	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$1,022	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	123	373	326	200	-	-	-	1,022
Total:	-	123	373	326	200	-	-	-	1,022
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	123	373	326	200	-	-	-	1,022
Total:	-	123	373	326	200	-	-	-	1,022

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Large Overhead and Underground Services

Project No:	MC-CL-ZS8365	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	27,262	3,139	2,997	3,039	3,083	3,127	3,173	4,419	50,240
Total:	27,262	3,139	2,997	3,039	3,083	3,127	3,173	4,419	50,240
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	27,262	3,139	2,997	3,039	3,083	3,127	3,173	4,419	50,240
Total:	27,262	3,139	2,997	3,039	3,083	3,127	3,173	4,419	50,240

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

LRDS Editor Upgrade

Project No:	MC-CL-YD9977	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Multiple
Start/End Date:	2018 - 2021	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1,903	Urban Village:	Not in an Urban Village

This project funds the LRDS (Looped Radial Distribution System) ArcFM Editor Upgrade which will replace a Seattle City Light production software system that is at end of life.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	1,721	182	-	-	-	-	-	1,903
Total:	-	1,721	182	-	-	-	-	-	1,903
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	1,721	182	-	-	-	-	-	1,903
Total:	-	1,721	182	-	-	-	-	-	1,903

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Major Emergency

Project No:	MC-CL-ZS8380	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	8,744	8,656	2,880	2,929	2,979	3,030	3,082	3,135	35,435
Total:	8,744	8,656	2,880	2,929	2,979	3,030	3,082	3,135	35,435
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	8,744	8,656	2,880	2,929	2,979	3,030	3,082	3,135	35,435
Total:	8,744	8,656	2,880	2,929	2,979	3,030	3,082	3,135	35,435

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Massachusetts Street Substation - Networks

Project No:	MC-CL-YN8202	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	1555 Utah Ave S
Current Project Stage:	N/A	Council District:	Council District 2
Start/End Date:	N/A	Neighborhood District:	Greater Duwamish
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	38,073	2,771	3,420	3,013	4,520	4,754	4,817	4,100	65,470
Total:	38,073	2,771	3,420	3,013	4,520	4,754	4,817	4,100	65,470
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	38,073	2,771	3,420	3,013	4,520	4,754	4,817	4,100	65,470
Total:	38,073	2,771	3,420	3,013	4,520	4,754	4,817	4,100	65,470

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Medium Overhead and Underground Services

Project No:	MC-CL-ZS8366	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	148,363	20,206	16,335	16,597	16,864	17,138	16,023	16,294	267,820
Total:	148,363	20,206	16,335	16,597	16,864	17,138	16,023	16,294	267,820
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	148,363	20,206	16,335	16,597	16,864	17,138	16,023	16,294	267,820
Total:	148,363	20,206	16,335	16,597	16,864	17,138	16,023	16,294	267,820

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Meter Additions

Project No:	MC-CL-ZS8054	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	42,665	5,675	3,700	3,764	3,830	3,897	3,966	4,036	71,534
Total:	42,665	5,675	3,700	3,764	3,830	3,897	3,966	4,036	71,534
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	42,665	5,675	3,700	3,764	3,830	3,897	3,966	4,036	71,534
Total:	42,665	5,675	3,700	3,764	3,830	3,897	3,966	4,036	71,534

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Miscellaneous Building Improvements

Project No:	MC-CL-XF9007	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	9,718	2,348	3,987	4,101	4,338	1,890	1,890	1,890	30,162
Total:	9,718	2,348	3,987	4,101	4,338	1,890	1,890	1,890	30,162
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	9,718	2,348	3,987	4,101	4,338	1,890	1,890	1,890	30,162
Total:	9,718	2,348	3,987	4,101	4,338	1,890	1,890	1,890	30,162

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Mobile Workforce Implementation

Project No:	MC-CL-YR8429	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	Stage 5 - Construction	Council District:	Citywide
Start/End Date:	2017 - 2021	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$5,832	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	411	3,069	1,163	1,190	-	-	-	-	5,832
Total:	411	3,069	1,163	1,190	-	-	-	-	5,832
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	411	3,069	1,163	1,190	-	-	-	-	5,832
Total:	411	3,069	1,163	1,190	-	-	-	-	5,832

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Neighborhood Voluntary Undergrounding Program

Project No:	MC-CL-ZO8383	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	326	152	15	15	15	15	16	6	558
Total:	326	152	15	15	15	15	16	6	558
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	326	152	15	15	15	15	16	6	558
Total:	326	152	15	15	15	15	16	6	558

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Network Additions and Services - Denny

Project No:	MC-CL-ZS8405	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	Valley Street
Current Project Stage:	N/A	Council District:	TBD
Start/End Date:	N/A	Neighborhood District:	Lake Union
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	10,625	3,284	9,468	10,000	9,000	5,813	5,895	5,979	60,064
Total:	10,625	3,284	9,468	10,000	9,000	5,813	5,895	5,979	60,064
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	10,625	3,284	9,468	10,000	9,000	5,813	5,895	5,979	60,064
Total:	10,625	3,284	9,468	10,000	9,000	5,813	5,895	5,979	60,064

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Network Additions and Services: Broad Street Substation

Project No:	MC-CL-ZS8363	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	319 6th AV N
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	86,674	12,241	11,000	11,000	11,000	11,000	10,000	10,000	162,915
Total:	86,674	12,241	11,000	11,000	11,000	11,000	10,000	10,000	162,915
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	86,674	12,241	11,000	11,000	11,000	11,000	10,000	10,000	162,915
Total:	86,674	12,241	11,000	11,000	11,000	11,000	10,000	10,000	162,915

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Network Additions and Services: First Hill, Massachusetts, Union & University

Project No:	MC-CL-ZS8364	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	1555 Utah AV S
Current Project Stage:	N/A	Council District:	Council District 2
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	51,197	5,564	5,000	4,000	3,919	4,188	3,974	4,000	81,841
Total:	51,197	5,564	5,000	4,000	3,919	4,188	3,974	4,000	81,841
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	51,197	5,564	5,000	4,000	3,919	4,188	3,974	4,000	81,841
Total:	51,197	5,564	5,000	4,000	3,919	4,188	3,974	4,000	81,841

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Network Hazeltine Upgrade

Project No:	MC-CL-YN8129	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	6,301	735	766	728	731	732	743	754	11,489
Total:	6,301	735	766	728	731	732	743	754	11,489
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	6,301	735	766	728	731	732	743	754	11,489
Total:	6,301	735	766	728	731	732	743	754	11,489

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Network Maintenance Hole and Vault Rebuild

Project No:	MC-CL-YN8130	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	35,960	2,328	2,458	3,482	2,431	2,409	2,440	2,762	54,270
Total:	35,960	2,328	2,458	3,482	2,431	2,409	2,440	2,762	54,270
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	35,960	2,328	2,458	3,482	2,431	2,409	2,440	2,762	54,270
Total:	35,960	2,328	2,458	3,482	2,431	2,409	2,440	2,762	54,270

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

New Customer Information System

Project No:	MC-CL-ZC9937	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	700 5th Avenue
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 3
Start/End Date:	2015 - 2019	Neighborhood District:	Downtown
Total Project Cost:	\$63,741	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	57,860	5,740	142	-	-	-	-	-	63,741
Total:	57,860	5,740	142	-	-	-	-	-	63,741
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	57,860	5,740	142	-	-	-	-	-	63,741
Total:	57,860	5,740	142	-	-	-	-	-	63,741

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Newhalem - Generator 20/Support Facility Rebuild

Project No:	MC-CL-XS6479	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	500 Newhalem Creek Rd, Marblemount, WA 98267
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Outside City of Seattle
Start/End Date:	2011 - 2020	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$7,064	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	6,071	493	500	-	-	-	-	-	7,064
Total:	6,071	493	500	-	-	-	-	-	7,064
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	6,071	493	500	-	-	-	-	-	7,064
Total:	6,071	493	500	-	-	-	-	-	7,064

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Normal Emergency

Project No:	MC-CL-ZS8379	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	14,015	2,175	907	922	938	954	970	987	21,867
Total:	14,015	2,175	907	922	938	954	970	987	21,867
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	14,015	2,175	907	922	938	954	970	987	21,867
Total:	14,015	2,175	907	922	938	954	970	987	21,867

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

North and South Service Center Improvements

Project No:	MC-CL-XF9107	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Outside City of Seattle
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	13,406	988	4,013	5,428	5,769	1,000	1,000	1,000	32,603
Total:	13,406	988	4,013	5,428	5,769	1,000	1,000	1,000	32,603
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	13,406	988	4,013	5,428	5,769	1,000	1,000	1,000	32,603
Total:	13,406	988	4,013	5,428	5,769	1,000	1,000	1,000	32,603

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Office Furniture and Equipment Purchase

Project No:	MC-CL-XF9103	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	2,196	383	1,131	1,070	1,070	250	250	250	6,600
Total:	2,196	383	1,131	1,070	1,070	250	250	250	6,600
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	2,196	383	1,131	1,070	1,070	250	250	250	6,600
Total:	2,196	383	1,131	1,070	1,070	250	250	250	6,600

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Outage Management System Phase II Implementation

Project No:	MC-CL-YD9967	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Multiple
Start/End Date:	2017 - 2021	Neighborhood District:	Multiple
Total Project Cost:	\$6,195	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	2,095	3,000	1,100	-	-	-	-	6,195
Total:	-	2,095	3,000	1,100	-	-	-	-	6,195
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	2,095	3,000	1,100	-	-	-	-	6,195
Total:	-	2,095	3,000	1,100	-	-	-	-	6,195

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Overhead 26kV Conversion

Project No:	MC-CL-YR8358	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	18,032	14	1,036	1,743	1,767	1,791	1,815	1,840	28,039
Total:	18,032	14	1,036	1,743	1,767	1,791	1,815	1,840	28,039
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	18,032	14	1,036	1,743	1,767	1,791	1,815	1,840	28,039
Total:	18,032	14	1,036	1,743	1,767	1,791	1,815	1,840	28,039

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Overhead and Underground Relocations

Project No:	MC-CL-ZT8369	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	21,644	2,937	4,676	4,877	6,157	4,924	4,815	5,502	55,533
Total:	21,644	2,937	4,676	4,877	6,157	4,924	4,815	5,502	55,533
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	21,644	2,937	4,676	4,877	6,157	4,924	4,815	5,502	55,533
Total:	21,644	2,937	4,676	4,877	6,157	4,924	4,815	5,502	55,533

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Overhead Customer Driven Capacity Additions

Project No:	MC-CL-YR8355	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	44,210	2,853	5,595	4,282	5,980	6,087	6,190	6,295	81,490
Total:	44,210	2,853	5,595	4,282	5,980	6,087	6,190	6,295	81,490
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	44,210	2,853	5,595	4,282	5,980	6,087	6,190	6,295	81,490
Total:	44,210	2,853	5,595	4,282	5,980	6,087	6,190	6,295	81,490

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Overhead Equipment Replacements

Project No:	MC-CL-YR8351	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	122,252	18,918	12,636	18,847	18,993	24,143	19,296	19,453	254,538
Total:	122,252	18,918	12,636	18,847	18,993	24,143	19,296	19,453	254,538
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	122,252	18,918	12,636	18,847	18,993	24,143	19,296	19,453	254,538
Total:	122,252	18,918	12,636	18,847	18,993	24,143	19,296	19,453	254,538

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Overhead Outage Replacements

Project No:	MC-CL-ZS8350	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	3,664	70	1,181	1,200	1,220	1,240	1,261	1,282	11,118
Total:	3,664	70	1,181	1,200	1,220	1,240	1,261	1,282	11,118
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	3,664	70	1,181	1,200	1,220	1,240	1,261	1,282	11,118
Total:	3,664	70	1,181	1,200	1,220	1,240	1,261	1,282	11,118

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Overhead System Capacity Additions

Project No:	MC-CL-YR8356	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	42,287	3,009	2,707	3,087	3,132	3,178	3,226	3,234	63,858
Total:	42,287	3,009	2,707	3,087	3,132	3,178	3,226	3,234	63,858
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	42,287	3,009	2,707	3,087	3,132	3,178	3,226	3,234	63,858
Total:	42,287	3,009	2,707	3,087	3,132	3,178	3,226	3,234	63,858

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

PCB Tracking and Condition Assessment Project

Project No:	MC-CL-YR9974	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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."

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	253	5	300	300	-	-	-	858
Total:	-	253	5	300	300	-	-	-	858
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	253	5	300	300	-	-	-	858
Total:	-	253	5	300	300	-	-	-	858

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

PeopleSoft Reimplementation - City Light

Project No:	MC-CL-WF9970	BSL Code:	BC-CL-W
Project Type:	Discrete	BSL Name:	Financial Services - CIP
Project Category:	Improved Facility	Location:	System wide
Current Project Stage:	Stage 6 - Closeout	Council District:	Citywide
Start/End Date:	2015 - 2019	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$27,725	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	25,097	190	-	-	-	-	-	-	25,286
Total:	25,097	190	-	-	-	-	-	-	25,286
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	25,097	190	-	-	-	-	-	-	25,286
Total:	25,097	190	-	-	-	-	-	-	25,286

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Pole Attachments

Project No:	MC-CL-YR8452	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	34,027	16,898	16,614	16,717	7,959	7,307	7,279	7,457	114,258
Total:	34,027	16,898	16,614	16,717	7,959	7,307	7,279	7,457	114,258
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	34,027	16,898	16,614	16,717	7,959	7,307	7,279	7,457	114,258
Total:	34,027	16,898	16,614	16,717	7,959	7,307	7,279	7,457	114,258

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Power Production - Network Controls

Project No:	MC-CL-XP6385	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	New Facility	Location:	500 Newhalem Creek Rd, Marblemount, WA 98267
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	8,062	859	-	196	448	211	-	-	9,776
Total:	8,062	859	-	196	448	211	-	-	9,776
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	8,062	859	-	196	448	211	-	-	9,776
Total:	8,062	859	-	196	448	211	-	-	9,776

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

RCOS Power Plant Controller Replacement

Project No:	MC-CL-YD9948	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Investment	Location:	System Wide
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Multiple
Start/End Date:	2020 - 2021	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$4,560	Urban Village:	Not in an Urban Village

This project replaces the existing end of life Operational Technology (OT) computer system that provides generating unit supervisory control and data acquisition (SCADA) at each of 9 City Light power plants in conjunction with the City Light System Operations Center (SOC) for customer load and power market operation.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	2,280	2,280	-	-	-	-	4,560
Total:	-	-	2,280	2,280	-	-	-	-	4,560
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	2,280	2,280	-	-	-	-	4,560
Total:	-	-	2,280	2,280	-	-	-	-	4,560

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Relaying Improvements

Project No:	MC-CL-YS7753	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	40,456	5,351	4,474	4,543	5,089	5,403	5,484	5,298	76,097
Total:	40,456	5,351	4,474	4,543	5,089	5,403	5,484	5,298	76,097
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	40,456	5,351	4,474	4,543	5,089	5,403	5,484	5,298	76,097
Total:	40,456	5,351	4,474	4,543	5,089	5,403	5,484	5,298	76,097

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Replace Breakers BPA Covington and Maple Valley Substations

Project No:	MC-CL-YS7121	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	Kent
Current Project Stage:	N/A	Council District:	TBD
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	546	22	11	11	11	12	12	12	636
Total:	546	22	11	11	11	12	12	12	636
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	546	22	11	11	11	12	12	12	636
Total:	546	22	11	11	11	12	12	12	636

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Ross - 480V AC Station Service Switchgear Replacement

Project No:	MC-CL-XS6580	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Improved Facility	Location:	Ross Powerhouse
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Outside City of Seattle

This project funds the mitigation of safety hazards at the Ross switchyard by replacing all 480kV circuit breakers with new breakers that allow for remote operation. Policy changes and regulations related to electrical Arc Flash hazards have highlighted safety issues related to this equipment. This project proposes to upgrade and modernize all of the existing 240V and 480V main breakers for all station service switchgear at three powerhouses (Gorge, Diablo, and Ross) at our Skagit Hydro Project.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	657	33	-	-	-	-	690
Total:	-	-	657	33	-	-	-	-	690
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	657	33	-	-	-	-	690
Total:	-	-	657	33	-	-	-	-	690

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Ross - Exciters 41-44

Project No:	MC-CL-XS6564	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Ross Powehouse
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Outside City of Seattle
Start/End Date:	2018 - 2022	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$3,144	Urban Village:	Outside City of Seattle

This project replaces the excitation systems for the four Ross generating units.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	3	2,207	436	478	21	-	-	-	3,144
Total:	3	2,207	436	478	21	-	-	-	3,144
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	3	2,207	436	478	21	-	-	-	3,144
Total:	3	2,207	436	478	21	-	-	-	3,144

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Ross - Governors

Project No:	MC-CL-XS6562	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Ross Powehouse
Current Project Stage:	Stage 4 - Procurement/Bid	Council District:	Outside City of Seattle
Start/End Date:	2015 - 2022	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$5,450	Urban Village:	Outside City of Seattle

This project replaces governor controls on all four of the Ross Powerhouse generating units.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	373	1,604	2,771	688	15	-	-	-	5,450
Total:	373	1,604	2,771	688	15	-	-	-	5,450
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	373	1,604	2,771	688	15	-	-	-	5,450
Total:	373	1,604	2,771	688	15	-	-	-	5,450

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Ross - Powerhouse Rockfall Mitigation

Project No:	MC-CL-XS6577	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Ross Powehouse
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2024 - 2026	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$3,139	Urban Village:	Outside City of Seattle

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	-	-	-	105	3,034	3,139
Total:	-	-	-	-	-	-	105	3,034	3,139
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	-	-	-	-	105	3,034	3,139
Total:	-	-	-	-	-	-	105	3,034	3,139

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Ross Dam - AC/DC Distribution System Upgrade

Project No:	MC-CL-XS6373	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 128 State Highway 20
Current Project Stage:	Stage 3 - Design	Council District:	Outside City of Seattle
Start/End Date:	2005 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$11,324	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	3,081	1,032	3,178	1,450	1,583	-	-	-	10,324
Total:	3,081	1,032	3,178	1,450	1,583	-	-	-	10,324
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	3,081	1,032	3,178	1,450	1,583	-	-	-	10,324
Total:	3,081	1,032	3,178	1,450	1,583	-	-	-	10,324

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Ross Powerhouse - Programmable Language Controller Upgrade

Project No:	MC-CL-XS6376	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 128 State Highway 20
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Outside City of Seattle
Start/End Date:	2008 - 2020	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$512	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	95	275	142	-	-	-	-	-	512
Total:	95	275	142	-	-	-	-	-	512
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	95	275	142	-	-	-	-	-	512
Total:	95	275	142	-	-	-	-	-	512

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Safety Modifications

Project No:	MC-CL-XF9006	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	4,147	1,784	1,529	1,560	1,654	700	700	700	12,775
Total:	4,147	1,784	1,529	1,560	1,654	700	700	700	12,775
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	4,147	1,784	1,529	1,560	1,654	700	700	700	12,775
Total:	4,147	1,784	1,529	1,560	1,654	700	700	700	12,775

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Waterfront Streetlight Installation

Project No:	MC-CL-ZL8481	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	1312 Western AVE
Current Project Stage:	Stage 4 - Procurement/Bid	Council District:	Council District 7
Start/End Date:	2017 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$16,489	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	146	1,549	4,738	5,531	4,525	-	-	-	16,489
Total:	146	1,549	4,738	5,531	4,525	-	-	-	16,489
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	146	1,549	4,738	5,531	4,525	-	-	-	16,489
Total:	146	1,549	4,738	5,531	4,525	-	-	-	16,489

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Security Improvements

Project No:	MC-CL-YD9202	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	24,731	10,210	2,616	2,720	2,816	2,818	2,820	2,821	51,552
Total:	24,731	10,210	2,616	2,720	2,816	2,818	2,820	2,821	51,552
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	24,731	10,210	2,616	2,720	2,816	2,818	2,820	2,821	51,552
Total:	24,731	10,210	2,616	2,720	2,816	2,818	2,820	2,821	51,552

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seismic Mitigation

Project No:	MC-CL-XF9134	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Outside City of Seattle
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	1,185	5,004	590	594	634	635	635	636	9,913
Total:	1,185	5,004	590	594	634	635	635	636	9,913
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	1,185	5,004	590	594	634	635	635	636	9,913
Total:	1,185	5,004	590	594	634	635	635	636	9,913

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Skagit - Babcock Creek Crossing

Project No:	MC-CL-XS6514	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Newhalem Creek Rd, Marblemount, WA 98267
Current Project Stage:	Stage 3 - Design	Council District:	Outside City of Seattle
Start/End Date:	2015 - 2021	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$1,662	Urban Village:	Outside City of Seattle

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	263	624	116	658	-	-	-	-	1,662
Total:	263	624	116	658	-	-	-	-	1,662
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	263	624	116	658	-	-	-	-	1,662
Total:	263	624	116	658	-	-	-	-	1,662

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Skagit - Boat Facility Improvements

Project No:	MC-CL-XS6540	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Newhalem Creek Rd, Marblemount, WA 98267
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Outside City of Seattle
Total Project Cost:	N/A	Urban Village:	Outside City of Seattle

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	2,923	521	1,252	68	-	-	-	-	4,764
Total:	2,923	521	1,252	68	-	-	-	-	4,764
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	2,923	521	1,252	68	-	-	-	-	4,764
Total:	2,923	521	1,252	68	-	-	-	-	4,764

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Skagit - DC Battery System

Project No:	MC-CL-XS6583	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:		Location:	System Wide
Current Project Stage:	Stage 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2015 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$3,934	Urban Village:	Not in an Urban Village

This project will replace/upgrade the existing DC battery banks at the Skagit project.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	1,690	859	554	167	165	260	238	-	3,934
Total:	1,690	859	554	167	165	260	238	-	3,934
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	1,690	859	554	167	165	260	238	-	3,934
Total:	1,690	859	554	167	165	260	238	-	3,934

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Skagit - Relicensing

Project No:	MC-CL-XS6986	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	New Investment	Location:	Newhalem Creek Rd, Marblemount, WA 98267
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Outside City of Seattle
Total Project Cost:	N/A	Urban Village:	Outside City of Seattle

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	1,124	6,715	6,057	13,858	26,724	5,345	2,500	2,500	64,822
Total:	1,124	6,715	6,057	13,858	26,724	5,345	2,500	2,500	64,822
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	1,124	6,715	6,057	13,858	26,724	5,345	2,500	2,500	64,822
Total:	1,124	6,715	6,057	13,858	26,724	5,345	2,500	2,500	64,822

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Skagit - Sewer System Rehabilitation

Project No:	MC-CL-XS6232	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 126 State Highway 20
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2015 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$8,865	Urban Village:	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 and also provides major renovations to the aging Newhalem wastewater treatment plant. This project eliminates potential overloads in the sewage treatment plant that can cause pollution of the Skagit River and surrounding soil contamination.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	4,979	214	256	1,165	2,250	-	-	-	8,865
Total:	4,979	214	256	1,165	2,250	-	-	-	8,865
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	4,979	214	256	1,165	2,250	-	-	-	8,865
Total:	4,979	214	256	1,165	2,250	-	-	-	8,865

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Skagit Facilities Plan

Project No:	MC-CL-XS6520	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Newhalem Creek Rd, Marblemount, WA 98267
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Outside City of Seattle
Total Project Cost:	N/A	Urban Village:	Outside City of Seattle

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	3,026	1,741	2,805	103	-	-	-	-	7,674
Total:	3,026	1,741	2,805	103	-	-	-	-	7,674
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	3,026	1,741	2,805	103	-	-	-	-	7,674
Total:	3,026	1,741	2,805	103	-	-	-	-	7,674

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Skagit Facilities Plan Phase 2

Project No:	MC-CL-XS6521	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This project upgrades and replaces several facilities that support power generation at the Skagit including a new security office, employee housing, upgraded maintenance shops and emergency facilities.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	386	2,830	1,400	1,950	3,000	2,000	500	12,066
Total:	-	386	2,830	1,400	1,950	3,000	2,000	500	12,066
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	386	2,830	1,400	1,950	3,000	2,000	500	12,066
Total:	-	386	2,830	1,400	1,950	3,000	2,000	500	12,066

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Skagit Facility - Minor Improvements Program

Project No:	MC-CL-XS6405	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	500 Newhalem Creek Rd, Marblemount, WA 98267
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	25,885	6,534	3,770	1,938	2,842	5,000	3,000	3,000	51,968
Total:	25,885	6,534	3,770	1,938	2,842	5,000	3,000	3,000	51,968
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	25,885	6,534	3,770	1,938	2,842	5,000	3,000	3,000	51,968
Total:	25,885	6,534	3,770	1,938	2,842	5,000	3,000	3,000	51,968

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Skagit Facility Conservation

Project No:	MC-CL-XS6515	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Newhalem Creek Rd, Marblemount WA 98267
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Outside City of Seattle
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	446	587	3,234	228	-	-	-	-	4,495
Total:	446	587	3,234	228	-	-	-	-	4,495
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	446	587	3,234	228	-	-	-	-	4,495
Total:	446	587	3,234	228	-	-	-	-	4,495

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Skagit Licensing Mitigation

Project No:	MC-CL-XS6991	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	500 Newhalem Creek Rd
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	3,441	1,013	124	86	82	84	131	64	5,024
Total:	3,441	1,013	124	86	82	84	131	64	5,024
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	3,441	1,013	124	86	82	84	131	64	5,024
Total:	3,441	1,013	124	86	82	84	131	64	5,024

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Skagit Powerhouses - Install Protection Relays

Project No:	MC-CL-XS6415	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	500 Newhalem Creek Rd, Marblemount, WA 98267
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	6,276	1,819	256	-	-	-	443	1,386	10,179
Total:	6,276	1,819	256	-	-	-	443	1,386	10,179
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	6,276	1,819	256	-	-	-	443	1,386	10,179
Total:	6,276	1,819	256	-	-	-	443	1,386	10,179

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Small Overhead and Underground Services

Project No:	MC-CL-ZS8367	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	73,549	6,747	4,993	5,068	5,145	5,223	5,303	5,385	111,414
Total:	73,549	6,747	4,993	5,068	5,145	5,223	5,303	5,385	111,414
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	73,549	6,747	4,993	5,068	5,145	5,223	5,303	5,385	111,414
Total:	73,549	6,747	4,993	5,068	5,145	5,223	5,303	5,385	111,414

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

SMT AutoLab

Project No:	MC-CL-XP6600	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Improved Facility	Location:	System Wide
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2019 - 2020	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$511	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	242	268	-	-	-	-	-	511
Total:	-	242	268	-	-	-	-	-	511
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	242	268	-	-	-	-	-	511
Total:	-	242	268	-	-	-	-	-	511

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Solar Microgrid for Resilience

Project No:	MC-CL-XF9238	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	New Investment	Location:	TBD
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	TBD
Start/End Date:	2016 - 2020	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$5,148	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	490	4,396	262	-	-	-	-	-	5,148
Total:	490	4,396	262	-	-	-	-	-	5,148
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	490	4,396	262	-	-	-	-	-	5,148
Total:	490	4,396	262	-	-	-	-	-	5,148

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Sound Transit - City Light System Upgrades

Project No:	MC-CL-ZT8475	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	Improved Facility	Location:	City Wide
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Multiple
Start/End Date:	2017 - 2020	Neighborhood District:	Multiple
Total Project Cost:	\$181	Urban Village:	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 Lynwood Link line.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	55	101	25	-	-	-	-	-	181
Total:	55	101	25	-	-	-	-	-	181
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	55	101	25	-	-	-	-	-	181
Total:	55	101	25	-	-	-	-	-	181

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Sound Transit 3 - City Light

Project No:	MC-CL-ZT8467	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This project funds the engineering and construction of relocated and/or new Seattle City Light facilities required for two new light rail lines and related transit facilities from downtown Seattle to Ballard and West Seattle, approved in November 2017 as part of the Sound Transit 3 initiative. City Light activities include engineering and construction of electric power feeder relocations and upgrades, power services for the planned light rail lines, and various other tasks. Sound Transit's plans will require City Light work through several future budget cycles.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	360	347	377	530	572	577	97	2,860
Total:	-	360	347	377	530	572	577	97	2,860
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	360	347	377	530	572	577	97	2,860
Total:	-	360	347	377	530	572	577	97	2,860

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Sound Transit Light Rail East Link - City Light

Project No:	MC-CL-ZT8450	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	I-90
Current Project Stage:	Stage 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2011 - 2019	Neighborhood District:	Central
Total Project Cost:	\$2,169	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	1,566	603	-	-	-	-	-	-	2,169
Total:	1,566	603	-	-	-	-	-	-	2,169
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	1,566	603	-	-	-	-	-	-	2,169
Total:	1,566	603	-	-	-	-	-	-	2,169

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Sound Transit Lynnwood - City Light

Project No:	MC-CL-ZT8471	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	City Wide
Current Project Stage:	Stage 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2015 - 2023	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$7,320	Urban Village:	Outside City of Seattle

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.?

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	803	4,354	1,433	637	61	32	-	-	7,320
Total:	803	4,354	1,433	637	61	32	-	-	7,320
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	803	4,354	1,433	637	61	32	-	-	7,320
Total:	803	4,354	1,433	637	61	32	-	-	7,320

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Special Work Equipment - Generation Plant

Project No:	MC-CL-XP6102	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	Outside City of Seattle
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	8,163	2,032	1,331	922	922	-	-	-	13,370
Total:	8,163	2,032	1,331	922	922	-	-	-	13,370
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	8,163	2,032	1,331	922	922	-	-	-	13,370
Total:	8,163	2,032	1,331	922	922	-	-	-	13,370

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Special Work Equipment - Other Plant

Project No:	MC-CL-YD9102	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	9,854	1,559	1,114	1,126	1,139	1,151	1,062	1,075	18,079
Total:	9,854	1,559	1,114	1,126	1,139	1,151	1,062	1,075	18,079
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	9,854	1,559	1,114	1,126	1,139	1,151	1,062	1,075	18,079
Total:	9,854	1,559	1,114	1,126	1,139	1,151	1,062	1,075	18,079

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Special Work Equipment - Shops

Project No:	MC-CL-XF8389	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	1,523	754	292	292	292	323	333	342	4,151
Total:	1,523	754	292	292	292	323	333	342	4,151
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	1,523	754	292	292	292	323	333	342	4,151
Total:	1,523	754	292	292	292	323	333	342	4,151

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Special Work Equipment - Tech Metering

Project No:	MC-CL-YN8485	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	202	200	100	100	200	200	200	1,202
Total:	-	202	200	100	100	200	200	200	1,202
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	202	200	100	100	200	200	200	1,202
Total:	-	202	200	100	100	200	200	200	1,202

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

State Route 520 Bridge Relocations

Project No:	MC-CL-ZT8435	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	SR 520 / Lake Washington
Current Project Stage:	Stage 5 - Construction	Council District:	Citywide
Start/End Date:	2017 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1,072	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	131	810	5	22	104	-	-	-	1,072
Total:	131	810	5	22	104	-	-	-	1,072
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	131	810	5	22	104	-	-	-	1,072
Total:	131	810	5	22	104	-	-	-	1,072

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Streetlight Infrastructure Replacement

Project No:	MC-CL-ZL8460	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	9,964	2,574	-	-	-	-	-	-	12,538
Total:	9,964	2,574	-	-	-	-	-	-	12,538
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	9,964	2,574	-	-	-	-	-	-	12,538
Total:	9,964	2,574	-	-	-	-	-	-	12,538

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Streetlight LED Conversion Program

Project No:	MC-CL-ZL8441	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	35,706	5,148	6,411	6,436	5,913	3,862	3,970	5,318	72,764
Total:	35,706	5,148	6,411	6,436	5,913	3,862	3,970	5,318	72,764
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	35,706	5,148	6,411	6,436	5,913	3,862	3,970	5,318	72,764
Total:	35,706	5,148	6,411	6,436	5,913	3,862	3,970	5,318	72,764

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Streetlights: Arterial, Residential and Floodlights

Project No:	MC-CL-ZL8378	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	32,478	6,745	4,082	5,149	7,211	4,920	4,406	4,961	69,952
Total:	32,478	6,745	4,082	5,149	7,211	4,920	4,406	4,961	69,952
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	32,478	6,745	4,082	5,149	7,211	4,920	4,406	4,961	69,952
Total:	32,478	6,745	4,082	5,149	7,211	4,920	4,406	4,961	69,952

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Substation Automation

Project No:	MC-CL-YS8424	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	8,783	568	1,613	1,437	1,404	1,453	1,476	1,499	18,233
Total:	8,783	568	1,613	1,437	1,404	1,453	1,476	1,499	18,233
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	8,783	568	1,613	1,437	1,404	1,453	1,476	1,499	18,233
Total:	8,783	568	1,613	1,437	1,404	1,453	1,476	1,499	18,233

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Substation Breaker Replacements and Reliability Additions

Project No:	MC-CL-YS7779	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	41,364	5,130	7,423	8,980	9,424	8,268	8,619	7,550	96,759
Total:	41,364	5,130	7,423	8,980	9,424	8,268	8,619	7,550	96,759
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	41,364	5,130	7,423	8,980	9,424	8,268	8,619	7,550	96,759
Total:	41,364	5,130	7,423	8,980	9,424	8,268	8,619	7,550	96,759

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Substation Capacity Additions

Project No:	MC-CL-YS7751	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	12,027	1,937	2,456	2,156	2,187	2,991	2,348	2,385	28,486
Total:	12,027	1,937	2,456	2,156	2,187	2,991	2,348	2,385	28,486
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	12,027	1,937	2,456	2,156	2,187	2,991	2,348	2,385	28,486
Total:	12,027	1,937	2,456	2,156	2,187	2,991	2,348	2,385	28,486

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Substation Comprehensive Improvements

Project No:	MC-CL-XF9161	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	2,259	1,119	236	237	239	241	243	245	4,818
Total:	2,259	1,119	236	237	239	241	243	245	4,818
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	2,259	1,119	236	237	239	241	243	245	4,818
Total:	2,259	1,119	236	237	239	241	243	245	4,818

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Substation Equipment Improvements

Project No:	MC-CL-YS7752	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	51,788	2,950	5,712	6,386	6,052	6,570	7,862	6,289	93,609
Total:	51,788	2,950	5,712	6,386	6,052	6,570	7,862	6,289	93,609
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	51,788	2,950	5,712	6,386	6,052	6,570	7,862	6,289	93,609
Total:	51,788	2,950	5,712	6,386	6,052	6,570	7,862	6,289	93,609

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Substation Plant Improvements

Project No:	MC-CL-YS7750	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	6,918	2,033	953	1,229	1,378	1,283	1,413	1,462	16,670
Total:	6,918	2,033	953	1,229	1,378	1,283	1,413	1,462	16,670
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	6,918	2,033	953	1,229	1,378	1,283	1,413	1,462	16,670
Total:	6,918	2,033	953	1,229	1,378	1,283	1,413	1,462	16,670

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Substation Transformer Replacements

Project No:	MC-CL-YS7776	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	2136 N 163rd St, Shoreline
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	13,335	2,896	4,562	4,838	4,923	2,049	2,988	4,438	40,029
Total:	13,335	2,896	4,562	4,838	4,923	2,049	2,988	4,438	40,029
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	13,335	2,896	4,562	4,838	4,923	2,049	2,988	4,438	40,029
Total:	13,335	2,896	4,562	4,838	4,923	2,049	2,988	4,438	40,029

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Substations Demand Driven Improvements

Project No:	MC-CL-YS7755	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	525	11	5	5	6	6	6	6	569
Total:	525	11	5	5	6	6	6	6	569
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	525	11	5	5	6	6	6	6	569
Total:	525	11	5	5	6	6	6	6	569

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Substations Oil Containment

Project No:	MC-CL-YS7783	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	45	12	325	214	552	372	378	383	2,281
Total:	45	12	325	214	552	372	378	383	2,281
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	45	12	325	214	552	372	378	383	2,281
Total:	45	12	325	214	552	372	378	383	2,281

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Transmission & Generation Radio Systems

Project No:	MC-CL-YD9108	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	9,976	478	1,024	949	964	1,194	1,000	1,000	16,584
Total:	9,976	478	1,024	949	964	1,194	1,000	1,000	16,584
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	9,976	478	1,024	949	964	1,194	1,000	1,000	16,584
Total:	9,976	478	1,024	949	964	1,194	1,000	1,000	16,584

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Transmission Capacity

Project No:	MC-CL-YT7011	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	5,215	-	23	23	24	38	14	15	5,351
Total:	5,215	-	23	23	24	38	14	15	5,351
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	5,215	-	23	23	24	38	14	15	5,351
Total:	5,215	-	23	23	24	38	14	15	5,351

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Transmission Inter-Agency

Project No:	MC-CL-YT7105	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	2,607	325	610	594	557	587	573	609	6,461
Total:	2,607	325	610	594	557	587	573	609	6,461
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	2,607	325	610	594	557	587	573	609	6,461
Total:	2,607	325	610	594	557	587	573	609	6,461

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Transmission Line Inductor Installation

Project No:	MC-CL-YT8461	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	Stage 5 - Construction	Council District:	Citywide
Start/End Date:	2015 - 2021	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$34,136	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	12,307	14,418	6,685	726	-	-	-	-	34,136
Total:	12,307	14,418	6,685	726	-	-	-	-	34,136
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	12,307	14,418	6,685	726	-	-	-	-	34,136
Total:	12,307	14,418	6,685	726	-	-	-	-	34,136

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Transmission Line Reconductoring

Project No:	MC-CL-YT8462	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	Stage 6 - Closeout	Council District:	Citywide
Start/End Date:	2015 - 2019	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$5,078	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	1,152	3,927	-	-	-	-	-	-	5,078
Total:	1,152	3,927	-	-	-	-	-	-	5,078
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	1,152	3,927	-	-	-	-	-	-	5,078
Total:	1,152	3,927	-	-	-	-	-	-	5,078

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Transmission Reliability

Project No:	MC-CL-YT7104	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	27,508	3,097	925	2,267	3,620	4,971	3,771	3,641	49,801
Total:	27,508	3,097	925	2,267	3,620	4,971	3,771	3,641	49,801
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	27,508	3,097	925	2,267	3,620	4,971	3,771	3,641	49,801
Total:	27,508	3,097	925	2,267	3,620	4,971	3,771	3,641	49,801

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Transportation Electrification Project

Project No:	MC-CL-XF9239	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	New Investment	Location:	System Wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing project provides electrification infrastructure for light-duty, medium-duty, and heavy-duty electric vehicles (including fleets, delivery and freight), and ferry and port systems, etc., throughout Seattle City Light’s service territory and properties. Typical improvements may include, but are not limited to, the installation of charging, distributed generation (solar, wind, etc.) and energy storage equipment, and related infrastructure. The project also includes the development of demand side management and other grid modernization tools and technology to better support and align customer energy demands with utility supply. This project enhances quality of life by reducing greenhouse gas emissions.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	2,000	-	-	-	-	-	-	2,000
Total:	-	2,000	-	-	-	-	-	-	2,000
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	2,000	-	-	-	-	-	-	2,000
Total:	-	2,000	-	-	-	-	-	-	2,000

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Transportation Streetlights

Project No:	MC-CL-ZL8377	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This ongoing project relocates Seattle City Light owned streetlights as required by City of Seattle transportation projects.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	15,193	5,759	7,047	7,019	7,767	6,472	6,617	6,980	62,856
Total:	15,193	5,759	7,047	7,019	7,767	6,472	6,617	6,980	62,856
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	15,193	5,759	7,047	7,019	7,767	6,472	6,617	6,980	62,856
Total:	15,193	5,759	7,047	7,019	7,767	6,472	6,617	6,980	62,856

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Underground 26kV Conversion

Project No:	MC-CL-YR8362	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	7,964	1,403	2,447	3,366	4,115	3,534	3,564	3,595	29,988
Total:	7,964	1,403	2,447	3,366	4,115	3,534	3,564	3,595	29,988
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	7,964	1,403	2,447	3,366	4,115	3,534	3,564	3,595	29,988
Total:	7,964	1,403	2,447	3,366	4,115	3,534	3,564	3,595	29,988

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Underground Customer Driven Capacity Additions

Project No:	MC-CL-YR8360	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	41,270	3,333	5,293	5,296	5,792	5,556	5,667	5,784	77,991
Total:	41,270	3,333	5,293	5,296	5,792	5,556	5,667	5,784	77,991
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	41,270	3,333	5,293	5,296	5,792	5,556	5,667	5,784	77,991
Total:	41,270	3,333	5,293	5,296	5,792	5,556	5,667	5,784	77,991

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Underground Equipment Replacements

Project No:	MC-CL-YR8353	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	64,784	12,818	10,413	23,626	26,551	46,137	48,636	50,450	283,415
Total:	64,784	12,818	10,413	23,626	26,551	46,137	48,636	50,450	283,415
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	64,784	12,818	10,413	23,626	26,551	46,137	48,636	50,450	283,415
Total:	64,784	12,818	10,413	23,626	26,551	46,137	48,636	50,450	283,415

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Underground Outage Replacements

Project No:	MC-CL-ZS8352	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	20,385	531	1,985	2,020	2,056	2,093	2,131	2,170	33,371
Total:	20,385	531	1,985	2,020	2,056	2,093	2,131	2,170	33,371
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	20,385	531	1,985	2,020	2,056	2,093	2,131	2,170	33,371
Total:	20,385	531	1,985	2,020	2,056	2,093	2,131	2,170	33,371

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Underground System Capacity Additions

Project No:	MC-CL-YR8361	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	46,046	5,127	3,024	3,195	4,149	3,304	3,360	3,417	71,621
Total:	46,046	5,127	3,024	3,195	4,149	3,304	3,360	3,417	71,621
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	46,046	5,127	3,024	3,195	4,149	3,304	3,360	3,417	71,621
Total:	46,046	5,127	3,024	3,195	4,149	3,304	3,360	3,417	71,621

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Union Street Substation Networks

Project No:	MC-CL-YN8201	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Facility	Location:	1312 Western AV
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	18,422	1,748	2,605	2,806	2,837	2,840	2,897	2,482	36,638
Total:	18,422	1,748	2,605	2,806	2,837	2,840	2,897	2,482	36,638
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	18,422	1,748	2,605	2,806	2,837	2,840	2,897	2,482	36,638
Total:	18,422	1,748	2,605	2,806	2,837	2,840	2,897	2,482	36,638

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

University of Washington Capacity Additions

Project No:	MC-CL-YR8466	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	New Investment	Location:	Multiple
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 3
Start/End Date:	2022 - 2026	Neighborhood District:	Northeast
Total Project Cost:	\$36,502	Urban Village:	University District

This project is to build the infrastructure needed to serve the electrical needs of the University of Washington's campus expansion. This will include engineering design and construction work to build feeder and substation infrastructure to serve 15 MW of new load in the University campus.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	-	-	2,000	10,500	12,000	12,002	36,502
Total:	-	-	-	-	2,000	10,500	12,000	12,002	36,502
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	-	-	2,000	10,500	12,000	12,002	36,502
Total:	-	-	-	-	2,000	10,500	12,000	12,002	36,502

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

University Substation - Network

Project No:	MC-CL-YN8464	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	645 NW 45Th
Current Project Stage:	N/A	Council District:	Council District 4
Start/End Date:	N/A	Neighborhood District:	Northeast
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	4,979	954	465	480	488	490	498	493	8,848
Total:	4,979	954	465	480	488	490	498	493	8,848
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	4,979	954	465	480	488	490	498	493	8,848
Total:	4,979	954	465	480	488	490	498	493	8,848

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Utility Program and Customer Tracking System

Project No:	MC-CL-ZF9928	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	New Investment	Location:	System Wide
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Citywide
Start/End Date:	2019 - 2020	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$5	Urban Village:	Not in an Urban Village

This project implements a new system for the Customer Energy Solutions (CES) Division that will centrally manage and facilitate its resource acquisition, small-scale renewables, electric transportation, and value-added programs and services. This system will assist managing programs and service offerings in a more efficient manner and to manage customer engagement in a more robust manner. This system will expedite business workflow, application processing, document storage, savings and incentive calculations, customer touchpoint preservation, and reporting. The system is a combination of software modules that is built on top of a Salesforce platform. The system is also being designed to have some integration capability with City Light's Customer Care and Billing system and PeopleSoft 9.2. As such, the tool has potential to be leveraged more widely by the utility and the City as a whole and is being built to be scalable and extensible. This potential will be explored and incorporated into future phases of development to broaden the reach of this system or its components. Implementing this Utility Program and Customer Tracking System was identified as a mission critical strategic priority for CES. This project continues the work started under MC-CL-WF9928.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	-	5	-	-	-	-	-	5
Total:	-	-	5	-	-	-	-	-	5

Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	-	5	-	-	-	-	-	5
Total:	-	-	5	-	-	-	-	-	5

O&M Impacts:

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Vegetation Management Compliance System

Project No:	MC-CL-YD9978	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Outside City of Seattle
Start/End Date:	2018 - 2020	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$850	Urban Village:	Not in an Urban Village

This project provides funding for a Vegetation Management Compliance System for planning, tracking, and necessary documentation required to meet WECC and NERC Vegetation Management compliance requirements. These requirements are a WECC recommendation from the 2017 WECC Audit. Auditors noted that SCL was the only utility of its size to not automate Vegetation Management compliance work.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	850	-	-	-	-	-	-	850
Total:	-	850	-	-	-	-	-	-	850
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	850	-	-	-	-	-	-	850
Total:	-	850	-	-	-	-	-	-	850

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Vista Switch Automation

Project No:	MC-CL-YR8483	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	-	10	382	382	383	383	383	-	1,923
Total:	-	10	382	382	383	383	383	-	1,923
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	-	10	382	382	383	383	383	-	1,923
Total:	-	10	382	382	383	383	383	-	1,923

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Western Energy Imbalance Market

Project No:	MC-CL-XP9976	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Multiple
Start/End Date:	2017 - 2020	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$13,993	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	2,947	10,383	663	-	-	-	-	-	13,993
Total:	2,947	10,383	663	-	-	-	-	-	13,993
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	2,947	10,383	663	-	-	-	-	-	13,993
Total:	2,947	10,383	663	-	-	-	-	-	13,993

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Workplace and Process Improvement

Project No:	MC-CL-XF9159	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply & Environ Affairs - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
City Light Fund Revenues	6,910	1,267	2,096	2,498	2,628	750	750	750	17,648
Total:	6,910	1,267	2,096	2,498	2,628	750	750	750	17,648
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Light Fund	6,910	1,267	2,096	2,498	2,628	750	750	750	17,648
Total:	6,910	1,267	2,096	2,498	2,628	750	750	750	17,648

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Public Utilities

Drainage and Wastewater

Overview

Seattle Public Utilities (SPU) maintains the network of sewer and drainage systems throughout the City of Seattle. These systems include approximately:

- 448 miles of sanitary sewers
- 968 miles of combined sewers
- 68 Pump Stations
- 5.5 miles of wastewater force mains
- 85 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
- 17 detention/treatment ponds
- 295 drainage flow control facilities
- 578 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 \$1.45 billion over the next six years, from 2020 to 2025.

Thematic Priorities/Project Selection Criteria

The goal of the DWF CIP is to construct facilities that reduce the frequency of flooding and sewer backups for customers and improve water quality and habitat in the environment by reducing sewage overflows and the impacts of stormwater pollution. Projects in the DWF CIP are guided by various Federal regulations, City policies, long-term plan documents, and the SPU Asset Management Committee (AMC) benefit criteria. Many DWF CIP projects are outlined in the Wastewater System Plan, the Comprehensive Drainage Plan, and the Plan to Protect Seattle's Waterways. In addition to candidate capital projects identified from these planning documents (e.g., comprehensive plans, program plans), projects are identified from external projects and opportunities, and emergencies or other unexpected events. All potential capital projects are prioritized for consideration into the CIP budget. Priority rankings are based on the following set of criteria:

- **Public Health, Safety & Environment:** The overriding priority for the DWF is maintaining public health and safety. The importance of this project in providing or improving services to customers and decreasing our impact on the environment. Examples of highly ranked projects in this category include the South Park Pump Station, Localized Flood Control program, Sanitary Sewer Overflow Capacity program, South Park Water Quality Facility, and NDS Partnering.
- **Infrastructure Reliability & Risk:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the Pipe Rehabilitation and Pump Station improvement programs.

SPU – Drainage and Wastewater

- **Regulatory, Mandates, Legal Agreements:** The City of Seattle/SPU must meet State and Federal regulatory requirements to comply with the Clean Water Act (CWA) and the Consent Decree that was entered in court on July 3, 2013, between the City, the U.S. Environmental Protection Agency (EPA), and the U.S. Department of Justice (DOJ). The two most significant regulatory drivers associated with the CWA are the National Pollutant Discharge Elimination System (NPDES) Waste Discharge Permit (aka NPDES CSO Permit) and the NPDES Phase I Municipal Stormwater Permit (aka NPDES MS4 Permit). This ranking category considers the degree to which the project is driven by Federal, State, and local laws, permit and regulatory requirements, and consent decrees; as well as by legal agreements with public and private parties and the specific mandates of the City Council and Mayor. Examples of highly ranked projects in this category include the Ship Canal Water Quality Project, CSO Retrofits, South Park Water Quality Facility, and NDS Partnering.
- **External Drivers and Opportunities:** SPU’s responsiveness to, or engagement with, the projects of other Departments or Jurisdictions, or opportunities to provide multiple benefits, address service equity, or reduce ratepayer costs through outside funding opportunities. Examples of highly ranked projects in this category include the Move Seattle projects.

Every project is rated against each criterion. Criteria ratings are then considered in determining an overall project priority ranking, using expert judgment (rather than a formula). Priority rankings for the CIP are determined by the leads for each LOB, with reviews by key internal stakeholders. Project priority rankings are used to clarify and document which projects are most important and why, to help determine which projects at the margin will be included, excluded or deferred from the CIP, and which projects should receive priority attention if a staff or financial resource constraint should arise.

To aid SPU in making responsible decisions on behalf of ratepayers prioritized projects must then be justified through a business case process that establishes that a problem or opportunity is timely and important and that the proposed solution is superior to alternatives based on a triple bottom line analysis (economic, environmental, and social) of life-cycle benefits and costs. The process also recognizes that a project may be a “must do” project (e.g. required by regulations). Business Cases must be approved by the SPU CEO/General Manager and Asset Management Committee.

DWW Priorities that are also Mayor/Council Priorities

Improvements to DWW infrastructure result in safer communities, a healthier environment, and regulatory compliance which are goals inherent within the Mayor’s key values (safe, affordable, vibrant and interconnected City that fosters innovation).

- **Aligning Capital Investments with Community Planning.** SPU has aligned planning for the South Park Water Quality Facility with the Office of Planning and Community Development’s Open Space planning in the S. Park Urban Village area and the Duwamish Valley Action Plan.
- **Aligning Capital Investments with Transportation Department’s modal plan.** SPU has several projects to facilitate citywide interconnectivity efforts.
 - Primary investments are around supporting transportation led projects as part of the Move Seattle Levy, described below within the shared costs projects Budget Control Level (BCL).
 - SPU is also leading a joint SPU/SDOT project in the South Park industrial area providing long desired Drainage Conveyance and Roadway infrastructure.

2020-2025 Adopted Capital Improvement Plan

SPU – Drainage and Wastewater

- The NDS Program, described below, collaborates with SDOT and has identified numerous joint sidewalk/bioretention project locations.
- **Expand use of Green Stormwater Infrastructure** has been identified by Mayor and Council as a priority. Projects that will help achieve the Citywide stretch goal to manage 700MG of stormwater annually with GSI by 2025, include the following:
 - The Natural Drainage Systems (NDS) Partnering program will use bioretention to reduce storm water pollution in creeks and to improve neighborhoods. The NDS Partnering Program will build natural drainage systems along approximately 66 blocks (330’ block equivalents) in the Longfellow, Thornton, and Pipers Creek watersheds. The first of these projects was 30th Ave NE, with construction led by SDOT, which was completed in 2019.
 - GSI in Urban Villages Program. SPU and Council created the GSI in Urban Villages Program to complement proposed up zones through HALA, as well as the City’s overall growth strategy. This new program has flexibility to address a variety of system problems within urban villages and urban centers, including flooding, sewer backups, water quality, and creek protection. The first GSI in Urban Villages project will be the Cloverdale Bioretention project to be constructed in 2020
 - RainWise Program fights water pollution by offering rebates to property owners for controlling stormwater at residences, schools, and businesses. This program was developed by SPU but is now delivered jointly with King County Wastewater Treatment Division. Over 1,500 Seattle residents and businesses have installed voluntary rain gardens or cisterns through this program, managing over 26 million gallons of runoff every year.

CIP Highlights

2020-2025 Adopted Drainage and Wastewater Fund CIP by BCL
(In ‘000s; total may not sum due to rounding)

BCL	2020	2021	2022	2023	2024	2025	Total
Protection of Beneficial Uses	22,274	51,001	27,662	28,865	18,058	22,829	170,688
Sediments	3,482	3,963	3,983	7,511	11,515	18,697	49,151
Combined Sewer Overflows	121,148	130,442	108,849	97,103	69,553	40,100	567,195
Rehabilitation and Heavy Equipment	40,044	30,369	25,872	25,750	30,250	30,963	183,248
Flooding, Sewer Backups, and Landslides	37,252	42,651	50,398	20,577	64,648	58,272	273,798
Shared Cost Projects	41,607	42,137	34,369	22,616	19,385	20,589	180,703
Technology	4,219	4,750	4,299	4,299	4,299	4,299	26,165

2020-2025 Adopted Capital Improvement Plan

SPU – Drainage and Wastewater

Total	270,026	305,313	255,432	206,720	217,707	195,749	1,450,949
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Protection of Beneficial Uses: This program makes improvements to the City’s drainage system to reduce the harmful effects of stormwater runoff on creeks and receiving water bodies and preserve the storm water conveyance function of our creeks through stream culvert repair and rehabilitation. The program includes projects to meet regulatory requirements, primarily NDS Partnering Projects (a key component of Seattle’s Plan to Protect Seattle’s Waterways) which improves water quality with GSI approaches while partnering with SDOT to provide streetscape enhancements. The program also includes projects that are part of the SPU and Council created GSI in Urban Villages Program. Funding in the DWF CIP is focused on cost effective stormwater and water quality projects such as NDS Partnering, GSI in Urban Villages 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 historic contributions from Combined Sewer Overflows (CSO) and storm drain discharges, or other City-owned facilities. 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 studies and analysis for cleanup of contaminated sediment sites in which the City is a participant, for engineering design and construction of actual cleanup of contaminated sites, , 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 cleanup construction adjacent to Gasworks Park, the Duwamish Waterway Sediment Remediation, and East Waterway Remediation projects beginning in 2024 based on preliminary schedules.

Combined Sewer Overflows: This program consists of projects that are mandated by State and Federal regulations to control combined sewer overflows (CSOs) into the City's receiving waters. During heavy rainfall events, the combination of stormwater (about 90 percent of the volume) and sewage may exceed the capacity of the combined sewer system (CSS) and overflow into our waterways – causing a combined sewer overflow (CSO). CSOs spill a mixture of raw sewage and stormwater into local waterways at 85 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 2030. The LTCP, also called the Plan to Protect Seattle’s Waterways, was approved by regulators in May 2015. Ultimately the Consent Decree requires completion of construction of all CSO reduction projects by December 2030. 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 2030 milestone.

Projects in the CSO Program 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

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largest project in the DWF CIP is the Ship Canal Water Quality Project (SCWQP). The SCWQP consists of a 2.7-mile-long, approximately 18-foot-diameter tunnel that, when completed, will capture and store approximately 75 million gallons of sewage and stormwater flows from Ballard, Fremont, Wallingford and Queen Anne.

Other key efforts in the program include Pump Station 13 Upgrade and Force Main Rehabilitation and Pump Station 22 Retrofit and Force Main Upgrade. Planning work is underway and will continue through the coming years for additional CSO reduction efforts to meet CSO Consent Decree compliance date requirements. SPU currently expects to spend approximately \$567 million over the next six years on CSO reduction projects. The majority of this spending is associated with the SCWQP.

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 facilities including water quality structures, flow control structures and large surface water facilities; and
- drainage and wastewater conveyance pipes and structures (catch basins, maintenance holes and sandboxes).

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 annually. Individual projects are defined by the type and method of rehabilitation and/or replacement and include emergency rehabilitation, no-dig pipe lining rehabilitation by crews or contract, full mainline dig pipe replacement by contract, dig point sewer pipe and structure rehabilitation by crews or contract, and pump station repairs or replacement by crew or contractor.

This Adopted budget will include a new drainage facility master project to rehabilitate or replace water quality structures, flow control structures and large surface water facilities by crew or contractor.

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 new pipes, ditches, culverts, detention facilities, and GSI that control and/or convey storm runoff to the ultimate discharge locations of creeks, lakes, and the Puget Sound. This program also involves protecting SPU drainage and wastewater infrastructure in landslide prone areas, both from impending small landslides, and providing drainage improvements where surface water generated from the City right-of way is contributing to small landslides. Lastly, this program also includes sewer capacity projects that reduce sewer backups and helps lower the risk of exceeding the Consent Decree target of four sanitary sewer overflows per 100 miles of sewer pipe per year. Major projects in this program include the Pearl Street SSO reduction project, the 12th Avenue drainage project, 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.

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The Adopted Budget for the Shared Cost program includes budgets for a number of interdepartmental projects including the Alaskan Way Viaduct and Seawall Replacement, Move Seattle, Center City Streetcar, and Sound Transit Link Light Rail. This BCL also includes funding for SPU Facility Improvements such as the South Operations Center, the North Operations Center, and a new dewatering facility near the South Transfer Station. Other programs in this BCL include DWW Heavy Equipment Purchases, 1% for the Arts, and several smaller projects.

Technology: The Technology capital portfolio is managed in six program areas, which provide a department-wide view of technology investments to address SPU's strategic, business, and City-wide priorities. These areas are:

- Customer Contact and Billing
- Enterprise Information Management
- IT Infrastructure
- Project Delivery & Performance
- Science & System Performance
- Asset Information Management

Investments in 2020 address several of SPU's key initiatives, including:

- Financial Management and Internal Controls
- Operational Excellence and Performance Management
- An Easy and Engaged Customer Experience
- Data-driven Decision Support
- Project Delivery/Project Controls

In 2020, SPU will focus its technology spending on the highest priority business needs. These projects would primarily be within the Customer Contact and Billing Program, Project Delivery and Performance Program, as well as the Asset Information Management Program.

With the New Customer Information System already in place, the next major projects for SPU within the Customer Contact and Billing Program would be the Utilities Customer Self-Service (CSS) Portal project as well as other projects such as the Customer Contact & Billing (CCB) Upgrade, and the CIS Reporting. Other projects slated would be enhancements to SPU's Enterprise Project Management System (EPMS) as well as the Development Systems Integration project, and the Maximo Business Intelligence (BI) upgrade along with other projects that have been deferred in previous years

CIP Revenue Sources

Historically, the DWF CIP has been funded primarily by revenue bonds serviced by ratepayers. However, DWF financial policies adopted in 2003 gradually increase cash contributions from SPU to fund the CIP. By 2007, a 3-year average of 25 percent of total CIP costs were funded by a cash contribution, with the remaining capital needs being debt financed.

SPU's DWF CIP is funded largely by Drainage and Sewer ratepayers. SPU issues bonds, serviced by ratepayers that cover approximately 75 percent of the CIP, with the remainder funded by cash. DWF rates were approved by the Mayor and City Council in 2018 for the three-year period of 2019-2022.

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SPU also actively seeks grants and low-interest loans. Loans like this offer a lower interest rate than what SPU can borrow/issue debt and offset the need to draw down extra dollars from the construction fund. SPU also receives Remedial Action Grants from the Washington State Department of Ecology for up to 50 percent of sediments cleanup project costs.

Summary of Upcoming Budget Issues and Challenges

The biggest challenge for DWF will be continuing to manage priority projects while still complying with regulatory requirements from the EPA, and Washington State Department of Ecology (DOE) - 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 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

SPU – Drainage and Wastewater

separated stormwater system. By reducing inflow/infiltration, it is possible to reduce the frequency and volume of SSOs and sewer backups.

Other challenges DWF faces in meeting its obligations:

- 1) **Addressing public expectations:** it is challenging to address public expectations around our basic service level programs, such as flooding and system capacity. The funding for these programs is 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 systems are 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.
- 2) **Construction Costs:** due to market conditions and building large infrastructure in dense urban areas costs to construct drainage and wastewater infrastructure have increased significantly putting additional pressure on the portfolio.

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, and localized flooding reduction in Broadview, and flood reduction and water quality improvements in South Park.

SPU is moving forward with a comprehensive planning effort, the Integrated System Plan, to better identify the highest priority locations and potential funding and financing strategies. The Integrated System Plan will be a 50-year plan for managing and improving Seattle's drainage and wastewater systems. Through this planning effort, SPU will identify the partnerships, programs, and projects that will improve the performance and resilience of our drainage and wastewater systems while optimizing social and environmental co-benefits for the City. We are developing our plan through technical analysis, robust community engagement and an integrated approach to planning. By the end of 2022, SPU will have near- and long-term plans for drainage and wastewater programs, partnerships, and infrastructure investments over the next 50 years. This planning is part of building a better Seattle by providing drainage and wastewater services that are affordable, safe, green, and just in a climate uncertain future.

City Council Changes to Proposed CIP

The Council did not make any changes to the proposed CIP.

City Council Provisos to the CIP

There are no Council provisos.

Seattle Public Utilities – Drainage and Wastewater

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Sediments (BC-SU-C350B)									
Sediment Remediation (MC-SU-C3503)	38,065	3,636	3,482	3,963	3,983	7,511	11,515	18,697	90,853
Sediments Total	38,065	3,636	3,482	3,963	3,983	7,511	11,515	18,697	90,853
Combined Sewer Overflows (BC-SU-C360B)									
CSO Facility Retrofit (MC-SU-C3611)	7,339	14,979	13,195	4,125	10,057	11,861	9,560	3,575	74,690
Future CSO Projects (MC-SU-C3612)	386	2,984	3,406	4,552	5,611	10,801	15,726	12,505	55,971
Green Stormwater Infrastructure Program (MC-SU-C3610)	11,250	2,193	2,700	2,500	2,850	2,500	2,500	1,000	27,493
Long Term Control Plan (MC-SU-C3604)	14,125	1,201	1,200	1,200	1,200	1,200	1,000	1,000	22,126
S Henderson CSO Storage (MC-SU-C3609)	59,528	73	-	-	-	-	-	-	59,601
Ship Canal Water Quality Project (MC-SU-C3614)	69,771	49,888	100,646	118,065	89,131	70,740	40,767	22,021	561,030
Combined Sewer Overflows Total	162,400	71,316	121,148	130,442	108,849	97,103	69,553	40,100	800,911
Flooding, Sewer Backup & Landslide (BC-SU-C380B)									
Broadview Long-Term Plan (MC-SU-C3812)	6,578	3,150	4,000	4,600	-	-	-	9,425	27,753
Drainage Capacity Program (MC-SU-C3802)	17,269	3,979	2,448	2,854	3,896	4,812	17,904	17,904	71,067
Sanitary Sewer Overflow Capacity (MC-SU-C3804)	5,202	3,303	12,931	14,797	9,175	9,000	22,000	22,000	98,407
South Park Stormwater Program (MC-SU-C3806)	13,417	5,407	17,873	20,400	37,327	6,765	24,744	8,943	134,876
Thornton Confluence Improvement (MC-SU-C3811)	7,516	391	-	-	-	-	-	-	7,907
Flooding, Sewer Backup & Landslide Total	49,982	16,230	37,252	42,651	50,398	20,577	64,648	58,272	340,010
Protection of Beneficial Uses (BC-SU-C333B)									
Beneficial Uses Program (MC-SU-C3317)	6,756	2,234	1,237	11,551	2,450	164	5,000	10,000	39,392

*Amounts in thousands of dollars.

2020 – 2025 Adopted Capital Improvement Program

Seattle Public Utilities – Drainage and Wastewater

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Sediments (BC-SU-C350B)									
Sediment Remediation (MC-SU-C3503)	38,065	3,636	3,482	3,963	3,983	7,511	11,515	18,697	90,853
Sediments Total	38,065	3,636	3,482	3,963	3,983	7,511	11,515	18,697	90,853
Creek Culvert Replacement Program (MC-SU-C3314)	2,124	2,379	2,884	4,200	8,000	12,450	2,000	-	34,036
GSI for Protection of Beneficial Uses (MC-SU-C3316)	16,269	11,952	18,153	35,250	17,212	16,251	11,058	12,829	138,974
Beneficial Uses Program (MC-SU-C3317)	6,756	2,234	1,237	11,551	2,450	164	5,000	10,000	39,392
Protection of Beneficial Uses Total	25,150	16,565	22,274	51,001	27,662	28,865	18,058	22,829	212,402
Rehabilitation (BC-SU-C370B)									
Drainage Facilities Rehabilitation (MC-SU-C3711)	-	-	250	250	250	250	250	250	1,500
Outfall Rehabilitation Program (MC-SU-C3708)	1,635	2,351	338	1,509	1,500	1,500	1,500	1,500	11,833
Pipe Renewal Program (MC-SU-C3710)	44,524	28,138	33,535	20,748	20,000	20,000	24,000	24,713	215,658
Pump Station & Force Main Improvements (MC-SU-C3703)	5,346	15,585	5,921	7,862	4,122	4,000	4,500	4,500	51,836
Rehabilitation Total	51,505	46,074	40,044	30,369	25,872	25,750	30,250	30,963	280,827
Seattle Public Utilities – Drainage and Wastewater Total	327,101	153,821	224,200	258,426	216,764	179,805	194,023	170,861	1,725,003

*Amounts in thousands of dollars.

Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
44010 - Drainage and Wastewater Fund	429,781	240,577	270,026	305,313	255,432	206,720	217,707	195,749	2,121,307
Seattle Public Utilities Total	429,781	240,577	270,026	305,313	255,432	206,720	217,707	195,749	2,121,307

*Amounts in thousands of dollars.

Creek Culvert Replacement Program

Project No:	MC-SU-C3314	BSL Code:	BC-SU-C333B
Project Type:	Ongoing	BSL Name:	Protection of Beneficial Uses
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing project provides for the repair and replacement of stream culverts that are part of SPU's critical drainage infrastructure. Culverts are prioritized for repair or replacement based on structural condition. Projects are then sequenced based on prioritization and other factors such as readiness to proceed, ability to address other drainage needs (e.g., flooding, maintenance), potential partnerships, synergies with other projects and availability of funding.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	2,124	2,379	2,884	4,200	8,000	12,450	2,000	-	34,036
Total:	2,124	2,379	2,884	4,200	8,000	12,450	2,000	-	34,036
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	2,124	2,379	2,884	4,200	8,000	12,450	2,000	-	34,036
Total:	2,124	2,379	2,884	4,200	8,000	12,450	2,000	-	34,036

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

GSI for Protection of Beneficial Uses

Project No:	MC-SU-C3316	BSL Code:	BC-SU-C333B
Project Type:	Ongoing	BSL Name:	Protection of Beneficial Uses
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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. The program also includes projects that are part of the SPU and Council created GSI in Urban Villages Program which will deliver multi-purpose green infrastructure projects in urban villages and urban centers through community partnerships and development synergies.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	16,269	11,952	18,153	35,250	17,212	16,251	11,058	12,829	138,974
Total:	16,269	11,952	18,153	35,250	17,212	16,251	11,058	12,829	138,974
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	16,269	11,952	18,153	35,250	17,212	16,251	11,058	12,829	138,974
Total:	16,269	11,952	18,153	35,250	17,212	16,251	11,058	12,829	138,974

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Beneficial Uses Program

Project No:	MC-SU-C3317	BSL Code:	BC-SU-C333B
Project Type:	Ongoing	BSL Name:	Protection of Beneficial Uses
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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, and green stormwater infrastructure projects to address flooding and control and clean runoff to streams.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	6,756	2,234	1,237	11,551	2,450	164	5,000	10,000	39,392
Total:	6,756	2,234	1,237	11,551	2,450	164	5,000	10,000	39,392
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	6,756	2,234	1,237	11,551	2,450	164	5,000	10,000	39,392
Total:	6,756	2,234	1,237	11,551	2,450	164	5,000	10,000	39,392

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Sediment Remediation

Project No:	MC-SU-C3503	BSL Code:	BC-SU-C350B
Project Type:	Ongoing	BSL Name:	Sediments
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This ongoing program provides for City of Seattle participation in cleanup of contaminated sediment sites at multiple locations across Seattle 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	38,065	3,636	3,482	3,963	3,983	7,511	11,515	18,697	90,853
Total:	38,065	3,636	3,482	3,963	3,983	7,511	11,515	18,697	90,853
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	38,065	3,636	3,482	3,963	3,983	7,511	11,515	18,697	90,853
Total:	38,065	3,636	3,482	3,963	3,983	7,511	11,515	18,697	90,853

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Long Term Control Plan

Project No:	MC-SU-C3604	BSL Code:	BC-SU-C360B
Project Type:	Ongoing	BSL Name:	Combined Sewer Overflows
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This project supports the ongoing implementation of SPU's Combined Sewer Overflow (CSO) Reduction Long Term Control Plan (LTCP) in accordance with SPU's National Pollutant Discharge Elimination System (NPDES) permit and the Federal CSO Control Policy. On May 1, 2012, the Environmental Protection Agency/Department of Justice issued a draft Consent Decree to the City of Seattle which requires the development and submission of a Long-Term Control Plan for approval by May 30, 2015. It further stipulates that all CSO Control Measures are to be constructed as expeditiously as practicable, and in no event later than December 31, 2030. 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 identified projects and programs to reduce the number and volume of 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	14,125	1,201	1,200	1,200	1,200	1,200	1,000	1,000	22,126
Total:	14,125	1,201	1,200	1,200	1,200	1,200	1,000	1,000	22,126
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	14,125	1,201	1,200	1,200	1,200	1,200	1,000	1,000	22,126
Total:	14,125	1,201	1,200	1,200	1,200	1,200	1,000	1,000	22,126

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

S Henderson CSO Storage

Project No:	MC-SU-C3609	BSL Code:	BC-SU-C360B
Project Type:	Discrete	BSL Name:	Combined Sewer Overflows
Project Category:	Improved Facility	Location:	S Henderson St.
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 2
Start/End Date:	2001 - 2019	Neighborhood District:	Southeast
Total Project Cost:	\$59,601	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	59,528	73	-	-	-	-	-	-	59,601
Total:	59,528	73	-	-	-	-	-	-	59,601
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	59,528	73	-	-	-	-	-	-	59,601
Total:	59,528	73	-	-	-	-	-	-	59,601

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Green Stormwater Infrastructure Program

Project No:	MC-SU-C3610	BSL Code:	BC-SU-C360B
Project Type:	Ongoing	BSL Name:	Combined Sewer Overflows
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	11,250	2,193	2,700	2,500	2,850	2,500	2,500	1,000	27,493
Total:	11,250	2,193	2,700	2,500	2,850	2,500	2,500	1,000	27,493
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	11,250	2,193	2,700	2,500	2,850	2,500	2,500	1,000	27,493
Total:	11,250	2,193	2,700	2,500	2,850	2,500	2,500	1,000	27,493

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

CSO Facility Retrofit

Project No:	MC-SU-C3611	BSL Code:	BC-SU-C360B
Project Type:	Ongoing	BSL Name:	Combined Sewer Overflows
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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 and maximize existing system operation to minimize CSOs to the greatest extent possible, reducing long term CSO storage needs. This project assists in achieving State Department of Ecology's requirement of an average of no more than one CSO event per outfall per year.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	7,339	14,979	13,195	4,125	10,057	11,861	9,560	3,575	74,690
Total:	7,339	14,979	13,195	4,125	10,057	11,861	9,560	3,575	74,690
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	7,339	14,979	13,195	4,125	10,057	11,861	9,560	3,575	74,690
Total:	7,339	14,979	13,195	4,125	10,057	11,861	9,560	3,575	74,690

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Future CSO Projects

Project No:	MC-SU-C3612	BSL Code:	BC-SU-C360B
Project Type:	Ongoing	BSL Name:	Combined Sewer Overflows
Project Category:	Improved Facility	Location:	N/A
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This project is for future combined sewer overflow (CSO) reduction projects that will be identified through the CSO Long-Term Control Plan (LTCP) Update. 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 2018, and the projects should complete their construction by 2030.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	386	2,984	3,406	4,552	5,611	10,801	15,726	12,505	55,971
Total:	386	2,984	3,406	4,552	5,611	10,801	15,726	12,505	55,971
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	386	2,984	3,406	4,552	5,611	10,801	15,726	12,505	55,971
Total:	386	2,984	3,406	4,552	5,611	10,801	15,726	12,505	55,971

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Ship Canal Water Quality Project

Project No:	MC-SU-C3614	BSL Code:	BC-SU-C360B
Project Type:	Discrete	BSL Name:	Combined Sewer Overflows
Project Category:	Improved Facility	Location:	West Ship Canal
Current Project Stage:	Stage 5 - Construction	Council District:	Multiple
Start/End Date:	2014 - 2027	Neighborhood District:	Multiple
Total Project Cost:	\$570,000	Urban Village:	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 largest project identified in the Plan is the Ship Canal Water Quality Project. This project is a joint project between SPU and King County to design and construct a storage tunnel to capture Combined Sewer Overflows for 5 SPU outfalls and two King County outfalls. The tunnel will be 2.7 miles long and run from Wallingford to Ballard. The tunnel will be approximately 18 feet in diameter and have a storage volume of about 30 million gallons. The purpose of the project is to bring all seven outfalls 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	48,015	34,549	66,621	77,906	59,564	53,234	30,140	16,081	386,109
King County Funds	21,756	15,339	34,026	40,160	29,567	17,507	10,627	5,940	174,921
Total:	69,771	49,888	100,646	118,065	89,131	70,740	40,767	22,021	561,030
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	69,771	49,888	100,646	118,065	89,131	70,740	40,767	22,021	561,030
Total:	69,771	49,888	100,646	118,065	89,131	70,740	40,767	22,021	561,030

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Pump Station & Force Main Improvements

Project No:	MC-SU-C3703	BSL Code:	BC-SU-C370B
Project Type:	Ongoing	BSL Name:	Rehabilitation
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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 protects water quality.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	5,346	15,585	5,921	7,862	4,122	4,000	4,500	4,500	51,836
Total:	5,346	15,585	5,921	7,862	4,122	4,000	4,500	4,500	51,836
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	5,346	15,585	5,921	7,862	4,122	4,000	4,500	4,500	51,836
Total:	5,346	15,585	5,921	7,862	4,122	4,000	4,500	4,500	51,836

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Outfall Rehabilitation Program

Project No:	MC-SU-C3708	BSL Code:	BC-SU-C370B
Project Type:	Ongoing	BSL Name:	Rehabilitation
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	1,635	2,351	338	1,509	1,500	1,500	1,500	1,500	11,833
Total:	1,635	2,351	338	1,509	1,500	1,500	1,500	1,500	11,833
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	1,635	2,351	338	1,509	1,500	1,500	1,500	1,500	11,833
Total:	1,635	2,351	338	1,509	1,500	1,500	1,500	1,500	11,833

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Pipe Renewal Program

Project No:	MC-SU-C3710	BSL Code:	BC-SU-C370B
Project Type:	Ongoing	BSL Name:	Rehabilitation
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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 program repairs, replaces, rehabilitates and renews the conveyance system by SPU crews and various contracting construction projects.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	44,524	28,138	33,535	20,748	20,000	20,000	24,000	24,713	215,658
Total:	44,524	28,138	33,535	20,748	20,000	20,000	24,000	24,713	215,658
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	44,524	28,138	33,535	20,748	20,000	20,000	24,000	24,713	215,658
Total:	44,524	28,138	33,535	20,748	20,000	20,000	24,000	24,713	215,658

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Drainage Facilities Rehabilitation

Project No:	MC-SU-C3711	BSL Code:	BC-SU-C370B
Project Type:	Ongoing	BSL Name:	Rehabilitation
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This new project provides for improvements and upgrades to SPU-owned drainage facilities including, but not limited to, detention/treatment ponds, flow control facilities, and water quality structures. Typical improvements may include, but are not limited to, the repair, rehabilitation, or replacement of drainage facilities.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	-	-	250	250	250	250	250	250	1,500
Total:	-	-	250	250	250	250	250	250	1,500
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	-	-	250	250	250	250	250	250	1,500
Total:	-	-	250	250	250	250	250	250	1,500

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Drainage Capacity Program

Project No:	MC-SU-C3802	BSL Code:	BC-SU-C380B
Project Type:	Ongoing	BSL Name:	Flooding, Sewer Backup & Landslide
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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 DWW investigations, claims, complaints, studies, and prior planning. Drainage “spot” projects and small landslides prevention projects are also included within this program. The Localized Flood Control Program improves Drainage and Wastewater levels of service.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	17,269	3,979	2,448	2,854	3,896	4,812	17,904	17,904	71,067
Total:	17,269	3,979	2,448	2,854	3,896	4,812	17,904	17,904	71,067
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	17,269	3,979	2,448	2,854	3,896	4,812	17,904	17,904	71,067
Total:	17,269	3,979	2,448	2,854	3,896	4,812	17,904	17,904	71,067

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Sanitary Sewer Overflow Capacity

Project No:	MC-SU-C3804	BSL Code:	BC-SU-C380B
Project Type:	Ongoing	BSL Name:	Flooding, Sewer Backup & Landslide
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing program is designed to improve sanitary sewer service to Seattle customers by addressing current and projected capacity limitations of the wastewater system through capital project 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	5,202	3,303	12,931	14,797	9,175	9,000	22,000	22,000	98,407
Total:	5,202	3,303	12,931	14,797	9,175	9,000	22,000	22,000	98,407
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	5,202	3,303	12,931	14,797	9,175	9,000	22,000	22,000	98,407
Total:	5,202	3,303	12,931	14,797	9,175	9,000	22,000	22,000	98,407

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

South Park Stormwater Program

Project No:	MC-SU-C3806	BSL Code:	BC-SU-C380B
Project Type:	Discrete	BSL Name:	Flooding, Sewer Backup & Landslide
Project Category:	Improved Facility	Location:	698 S Riverside DR
Current Project Stage:	Stage 3 - Design	Council District:	Council District 1
Start/End Date:	2006 - 2025	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$134,876	Urban Village:	Greater Duwamish

This program constructs a pump station (PS), a water quality facility (WQF), and additional drainage conveyance in South Park. The PS will allow the existing storm drain outfall to drain the system when the tide is high and will support future drainage projects. 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 program was formerly titled "South Park Pump Station."

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	13,417	5,407	17,873	20,400	37,327	6,765	24,744	8,943	134,876
Total:	13,417	5,407	17,873	20,400	37,327	6,765	24,744	8,943	134,876
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	13,417	5,407	17,873	20,400	37,327	6,765	24,744	8,943	134,876
Total:	13,417	5,407	17,873	20,400	37,327	6,765	24,744	8,943	134,876

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Thornton Confluence Improvement

Project No:	MC-SU-C3811	BSL Code:	BC-SU-C380B
Project Type:	Discrete	BSL Name:	Flooding, Sewer Backup & Landslide
Project Category:	Improved Facility	Location:	Thornton Creek
Current Project Stage:	Stage 6 - Closeout	Council District:	Multiple
Start/End Date:	2008 - 2019	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$7,907	Urban Village:	Not in an Urban Village

This project provides creek realignment, floodplain excavation, culvert replacement, and riparian plantings at the confluence of the north and south branches of Thornton Creek. SPU has acquired a number of flood prone properties in this area over the last decade. Using these properties, this project increases culvert capacity, floodplain area and flood storage, and provides stream habitat benefits. The project will help alleviate flooding and reduce maintenance at Meadowbrook Pond.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	7,516	391	-	-	-	-	-	-	7,907
Total:	7,516	391	-	-	-	-	-	-	7,907
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	7,516	391	-	-	-	-	-	-	7,907
Total:	7,516	391	-	-	-	-	-	-	7,907

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Broadview Long-Term Plan

Project No:	MC-SU-C3812	BSL Code:	BC-SU-C380B
Project Type:	Ongoing	BSL Name:	Flooding, Sewer Backup & Landslide
Project Category:	Improved Facility	Location:	Broadview
Current Project Stage:	N/A	Council District:	Council District 5
Start/End Date:	N/A	Neighborhood District:	Northwest
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

The Broadview Long-Term Plan had been an ongoing program to address longstanding drainage and wastewater problems. The current funded capital project within that program is the 12th Avenue NW Drainage Basin project, which addresses public and private flooding problems in that area by providing stormwater detention and green infrastructure.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	6,578	3,150	4,000	4,600	-	-	-	9,425	27,753
Total:	6,578	3,150	4,000	4,600	-	-	-	9,425	27,753
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	6,578	3,150	4,000	4,600	-	-	-	9,425	27,753
Total:	6,578	3,150	4,000	4,600	-	-	-	9,425	27,753

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary 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; and
- three closed landfills previously used by the City.

The Solid Waste Fund (SWF) Capital Improvement Plan (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 \$95 million over the next six years, from 2020 through 2025.

Major anticipated projects include:

- constructing a recycling/re-use facility at the South Recycling Center at or adjacent to the South Transfer Station (this was previously called South Transfer Station Phase 2 or STS2) (2015-2021); and
- cleanup of the historic South Park Landfill (2015-2021) at the South Park Development Project.

These projects comprise approximately 64% of the SWF CIP. Other significant projects include the Waste Removal project at the Midway Landfill, replacing two compactors, and SPU's annual equipment investment.

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 act 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 Washington State Department of Transportation improvements to Interstate-5 that require modification to landfill infrastructure in the right-of-way and support of Sound Transit projects that impact the Midway Landfill. 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

2020-2025 Adopted Capital Improvement Program

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).

Prioritization of SPU projects 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. An examples of a project in this category is the 1% for Arts program.
- **Infrastructure:** How a project addresses infrastructure conditions or vulnerabilities. An example of a highly ranked project in this category is the South Recycling Center project.
- **Level of Service:** The importance of this project in providing or improving services to customers. An examples of a highly ranked project in this category is the South Recycling Center 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 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 General Manager/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.

CIP Highlights

2020-2025 Adopted Water Fund CIP by BCL
(In '000s; total may not sum due to rounding)

BCL	2020	2021	2022	2023	2024	2025	Total
New Facilities	18,442	24,398	9,760	6,607	553	312	60,072
Rehabilitation & Heavy Eqpt	8,390	1,245	675	550	525	450	11,835
Shared Cost Projects	2,317	1,562	3,276	1,939	2,320	1,582	12,996
Technology	1,710	1,865	1,508	1,508	1,508	1,508	9,604
Total	30,859	29,069	15,219	10,603	4,905	3,852	94,507

New Facilities: This program includes the planning, design, and construction of new facilities to enhance solid waste operations. In 2020, SPU will continue to implement its Solid Waste Facilities Master Plan. The key project drivers of the New Facilities budget are the South Recycling Center and South Park Development projects.

Rehabilitation and Heavy Equipment: This program includes design and construction of projects that repair and/or upgrade solid waste facilities other than the transfer stations. The key drivers of this budget level are the Midway project and new funding for the Solid Waste Comprehensive Plan Update as required by the Washington State Department of Ecology.

Shared Cost Projects: This program includes individual capital improvement projects that typically benefit multiple Lines of Business (LOB) (e.g. the Water LOB and the Drainage and Wastewater LOB) and which costs are "shared," or paid for by more than one of SPU's utility funds. Key driver for this budget includes heavy equipment purchases, which reflects the best estimate of the required fleet of trucks and heavy equipment for the transfer stations.

Technology: The Technology CIP is managed in six program areas that 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; and
- Asset Information Management.

2020-2025 Adopted Capital Improvement Program

Investments in 2020 address several of SPU’s key initiatives, including:

- Financial Management and Internal Controls;
- Operational Excellence and Performance Management;
- An Easy and Engaged Customer Experience;
- Data-driven Decision Support; and
- Project Delivery/Project Controls.

In 2020, SPU will continue focusing its technology spending on the highest priority business needs. These projects would primarily be within the Customer Contact and Billing Program, Project Delivery and Performance Program, as well as the Asset Information Management Program.

With the New Customer Information System (CIS) already in place, the next major projects for SPU within the Customer Contact and Billing Program include the Utilities Customer Self-Service Portal project, the Customer Contact and Billing Upgrade, CIS Workflow, and the CIS Reporting. Other projects slated would be enhancements to SPU’s Enterprise Project Management System and the Development Systems Integration project, and the Maximo Business Intelligence upgrade along with other projects that have been deferred in previous years.

CIP Revenue Sources

Much of the SWF CIP is funded through bond proceeds 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 not planning any SWF bond issuances until after 2022 and will use current cash contributions and existing cash on hand to pay for the CIP. 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 programs.

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 remediation process and the South Recycling Center project. These projects are the primary drivers of CIP spending and have required rate increases for financing.

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 developing the South Recycling Center and must continue to use the site for trailer parking and household hazardous waste collection during construction.
- Financial Challenges: Developing the South Recycling Center along with site remediation efforts puts considerable short-term financial strain on the SWF. While the SWF is funding and building these major projects, it is working to address environmental stewardship by encouraging waste reduction and recycling, which results in declining demand for services.

Future Projects/What is on the Horizon

Once the South Recycling Center is completed, the core SWF CIP is expected to approximate lower spending levels. General SWF CIP spending will return to between \$5 and \$10 million annually after this project is completed, compared to a high of \$25 million planned for 2022.

Once the South Recycling Center is completed, annual costs for repairs and upkeep are projected to decrease initially and then increase as equipment replacement/renewal projects are required. Part of the project scope is to retain enough space to take advantage for future technologies and innovations, and possibly construct a Material Recovery Facility or some other waste reduction or recovery facility in the future to increase the recycling rate and help SPU achieve its environmental goals.

City Council Changes to Proposed CIP

The Council did not make any changes to the proposed CIP.

City Council Provisos to the CIP

There are no Council provisos.

Seattle Public Utilities – Solid Waste

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
New Facilities (BC-SU-C230B)									
Miscellaneous Station Improvement (MC-SU-C2303)	3,497	1,715	500	250	3,100	3,100	300	300	12,762
North Transfer Station Rebuild (MC-SU-C2306)	109,341	1,670	4	-	-	-	-	-	111,015
South Park Development (MC-SU-C2304)	5,277	907	5,531	7,445	2,053	1,081	78	4	22,377
South Recycling Center (MC-SU-C2302)	4,108	2,769	12,408	16,702	4,606	2,426	175	8	43,202
New Facilities Total	122,223	7,061	18,442	24,398	9,760	6,607	553	312	189,356
Rehabilitation & Heavy Equipment (BC-SU-C240B)									
Kent Highlands (MC-SU-C2402)	510	72	50	25	25	50	25	50	807
Midway Landfill (MC-SU-C2403)	291	308	8,240	1,170	600	500	500	250	11,859
SW Comprehensive Plan Update (MC-SU-C2407)	-	245	100	50	50	-	-	150	595
Rehabilitation & Heavy Equipment Total	802	625	8,390	1,245	675	550	525	450	13,262
Seattle Public Utilities – Solid Waste Total	123,025	7,686	26,832	25,643	10,435	7,157	1,078	762	202,618

*Amounts in thousands of dollars.

Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
45010 - Solid Waste Fund	138,217	15,485	30,859	29,069	15,219	10,603	4,905	3,852	248,209
Seattle Public Utilities Total	138,217	15,485	30,859	29,069	15,219	10,603	4,905	3,852	248,209

**Amounts in thousands of dollars.*

South Recycling Center

Project No:	MC-SU-C2302	BSL Code:	BC-SU-C230B
Project Type:	Discrete	BSL Name:	New Facilities
Project Category:	Improved Facility	Location:	8100 2nd AVE S
Current Project Stage:	Stage 3 - Design	Council District:	Council District 1
Start/End Date:	2006 - 2025	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$43,202	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Rates	4,108	2,769	12,408	16,702	4,606	2,426	175	8	43,202
Total:	4,108	2,769	12,408	16,702	4,606	2,426	175	8	43,202
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Fund	4,108	2,769	12,408	16,702	4,606	2,426	175	8	43,202
Total:	4,108	2,769	12,408	16,702	4,606	2,426	175	8	43,202

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Miscellaneous Station Improvement

Project No:	MC-SU-C2303	BSL Code:	BC-SU-C230B
Project Type:	Ongoing	BSL Name:	New Facilities
Project Category:	Improved Facility	Location:	Multiple
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

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

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Rates	3,497	1,715	500	250	3,100	3,100	300	300	12,762
Total:	3,497	1,715	500	250	3,100	3,100	300	300	12,762
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Fund	3,497	1,715	500	250	3,100	3,100	300	300	12,762
Total:	3,497	1,715	500	250	3,100	3,100	300	300	12,762

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

South Park Development

Project No:	MC-SU-C2304	BSL Code:	BC-SU-C230B
Project Type:	Discrete	BSL Name:	New Facilities
Project Category:	Improved Facility	Location:	8100 2nd Ave S
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 1
Start/End Date:	2007 - 2025	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$22,377	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Rates	5,277	907	5,531	7,445	2,053	1,081	78	4	22,377
Total:	5,277	907	5,531	7,445	2,053	1,081	78	4	22,377
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Fund	5,277	907	5,531	7,445	2,053	1,081	78	4	22,377
Total:	5,277	907	5,531	7,445	2,053	1,081	78	4	22,377

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

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North Transfer Station Rebuild

Project No:	MC-SU-C2306	BSL Code:	BC-SU-C230B
Project Type:	Discrete	BSL Name:	New Facilities
Project Category:	Improved Facility	Location:	N. 34th St.
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 4
Start/End Date:		Neighborhood District:	Lake Union
Total Project Cost:	\$111,015	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Rates	109,341	1,670	4	-	-	-	-	-	111,015
Total:	109,341	1,670	4	-	-	-	-	-	111,015
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Fund	109,341	1,670	4	-	-	-	-	-	111,015
Total:	109,341	1,670	4	-	-	-	-	-	111,015

O&M Impacts: Any O&M needed as a result of this project is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Kent Highlands

Project No:	MC-SU-C2402	BSL Code:	BC-SU-C240B
Project Type:	Ongoing	BSL Name:	Rehabilitation & Heavy Equipment
Project Category:	Improved Facility	Location:	Kent Highlands
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Rates	510	72	50	25	25	50	25	50	807
Total:	510	72	50	25	25	50	25	50	807
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Fund	510	72	50	25	25	50	25	50	807
Total:	510	72	50	25	25	50	25	50	807

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Midway Landfill

Project No:	MC-SU-C2403	BSL Code:	BC-SU-C240B
Project Type:	Ongoing	BSL Name:	Rehabilitation & Heavy Equipment
Project Category:	Improved Facility	Location:	Kent
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Rates	291	308	8,240	1,170	600	500	500	250	11,859
Total:	291	308	8,240	1,170	600	500	500	250	11,859
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Fund	291	308	8,240	1,170	600	500	500	250	11,859
Total:	291	308	8,240	1,170	600	500	500	250	11,859

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

SW Comprehensive Plan Update

Project No:	MC-SU-C2407	BSL Code:	BC-SU-C240B
Project Type:	Ongoing	BSL Name:	Rehabilitation & Heavy Equipment
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Rates	-	245	100	50	50	-	-	150	595
Total:	-	245	100	50	50	-	-	150	595
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Solid Waste Fund	-	245	100	50	50	-	-	150	595
Total:	-	245	100	50	50	-	-	150	595

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

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Seattle Public Utilities

Water

Overview

Seattle Public Utilities (SPU) delivers an average of approximately 122 million gallons of drinking water per day to 1.5 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 Plan (CIP) is \$683 million over the next six years. Major projects include:

- water system improvements associated with transportation projects, including Move Seattle, Center City Streetcar, Lander Street Grade Separation project, East Marginal Way Heavy Haul Corridor project, and Madison Bus Rapid Transit project;
- 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 2020-2025 Adopted 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. In addition, it includes initial funding for a water system seismic improvement program stemming from the recent completion of SPU's water system seismic study.

SPU funds Water capital projects through a combination of cash and issuance of bonds. The primary source of cash and debt repayment funds come from sale of water charged to retail and wholesale customers in the region. SPU is also in the final review and approval stages of its Water System Plan 2019, a Washington Department of Health (WDOH) regulatory requirement. This Water System Plan for 2019 will include many elements as well as providing plans for SPU's capital needs for the next 20 years.

Thematic Priorities

The overarching goal of the Water CIP is to ensure that the water system is properly maintained, upgraded, and expanded to reliably deliver high-quality, safe drinking water to customers, protect the environment, and comply with regulations. The primary themes driving the CIP in the next six years are asset preservation, health and human safety, environmental sustainability, and race and social justice.

- SPU is committed to making **asset preservation** investments to create or enhance operational efficiency. SPU uses asset management principles to determine the timing of rehabilitation or replacement of its infrastructure. Projects that fall into this category vary, ranging from water main replacement related to transportation projects to rehabilitation 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 finished replacing its open finished drinking water reservoirs with underground structures that will improve water quality and system security. Additionally, 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. Finally, as a result of a recently completed seismic study, two reservoirs will remain uncovered – Roosevelt and Volunteer – and are disconnected from the drinking water system, filled with treated water and available for emergency storage needs after major emergencies such as earthquakes.
- SPU is committed to **environmental sustainability**. This can best be seen in SPU’s responsibilities as outlined in the 50-year Habitat Conservation Plan (HCP), an agreement between local, state and federal agencies. The HCP seeks to ensure the long-term ecological integrity of the Cedar River Watershed, which supplies the majority of the City’s drinking water. It simultaneously addresses the needs of protected wildlife species in and along the Cedar River. Investments in the regional conservation and low-income conservation programs also help in management of our natural resources, while helping customers reduce their utility bills.
- SPU is also committed to **race and social justice**. One example of this commitment is the Low-Income Water Conservation Program. This ongoing program provides water use efficiency resources to the City’s low-income customers to implement water conservation measures. Typical improvements consist of installing water-efficient fixtures, primarily low water use toilets, but also faucet aerators and common-area efficient clothes washers.

Project Selection Criteria

SPU identifies candidate capital projects from several sources – planning (e.g. comprehensive plans, program plans), external projects and opportunities, and emergencies or other unexpected events. Under SPU’s Asset Management system, projects must be justified through a business case process that establishes that a problem or opportunity is timely and important, and that the proposed solution is superior to alternatives based on a triple bottom line analysis (economic, environmental and social) of life cycle costs and benefits. The process also recognizes that a project may be a “must do” project (e.g. required by regulation).

SPU prioritizes its capital projects into three categories – Priorities 1, 2 and 3, with 1 being the most important and critical. Some projects are part of an externally driven project. Typically, SPU lacks control over the timing of externally driven projects.

Priority rankings are based on the following set of criteria:

- **Regulatory Mandates, Legal Agreements:** The degree to which a project is driven by federal, state, and local laws, permit and regulatory requirements, and consent decrees; as well as by legal agreements with public and private parties. Examples of highly ranked projects in this category include the reservoir covering programs and the Habitat Conservation Program.
- **External Drivers:** SPU’s responsiveness to, or engagement with, projects of other Departments or Jurisdictions, and the specific mandates of the City Council and Mayor. Examples of highly ranked projects in this category include the Alaskan Way Viaduct and Mercer Corridor projects.
- **Infrastructure:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the Watermain Rehabilitation, Distribution System Improvements and Tank Improvements programs.
- **Level of Service:** The importance of a project in providing or improving services to customers. Examples of highly ranked projects in this category include the Water Infrastructure – New Taps and Service Renewals programs.
- **Other Factors:** Other important factors include high net present value or cost-effectiveness, social or environmental benefits not otherwise captured, a project already in progress or near completion, limited time opportunity, demonstration projects, community visibility, outside funding.

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.

CIP Spending by Major Category

2020-2025 Adopted Water Fund CIP by BCL

(In '000s; total may not sum due to rounding)

BCL	2020	2021	2022	2023	2024	2025	Total
Distribution	34,137	33,578	31,518	30,205	46,402	50,002	225,842
Transmission	15,612	16,071	4,878	7,131	5,206	18,187	67,085
Watershed Stewardship	1,290	594	65	75	175	175	2,374
Water Quality & Treatment	9,525	7,210	13,750	21,600	9,100	3,000	64,185
Water Resources	8,464	12,674	4,350	4,535	2,758	2,222	35,004
Habitat Conservation Program	3,488	2,815	1,841	2,115	1,195	1,004	12,459
Shared Cost Projects	37,740	42,067	60,533	26,234	45,063	37,291	248,929
Technology	5,271	4,685	4,244	4,244	4,244	4,244	26,930
Total	115,527	119,695	121,178	96,140	114,142	116,126	682,807

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.

Decreases in the **Distribution BCL** in 2020 are primarily due to a decrease in new taps and delay of pump stations improvement to outyears. It is offset by increased costs for SW Spokane Street water main rehabilitation and other water main rehabilitation projects at multiple worksites across the city. Additionally, revised cost estimates based on more detailed analysis have been generated for interior/exterior recoating and safety upgrades to the Beverly Park elevated tank.

Transmission: The purpose of this program category is to rehabilitate and improve the City's large transmission pipelines that bring untreated water to the treatment facilities and convey treated water from the treatment facilities to Seattle and to other local utilities that purchase a portion of SPU's supply for their customers.

Increases in the **Transmission BCL** in 2020 are primarily due to the initiation of the new transmission system seismic improvements 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.

- 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 1.5 million people in the greater Seattle area supplied by SPU. The City of Seattle is required by law to maintain a clean drinking water supply. To that end, the City restricts public access and management is guided by a Habitat Conservation Plan. The Cedar River Watershed is an unfiltered surface water supply which produces some of the best water in the world.
- The South Fork Tolt River Watershed is the second supply watershed in SPU’s freshwater supply system. Located in the foothills of the Cascades in east King County, it first came on-line in 1964, and since 1989 has also supported a small Seattle City Light hydro-electric facility. The Tolt Treatment Facilities, which includes filtration, can provide up to 120 million gallons of drinking water per day.

Increases in the **Watershed Stewardship BCL** due to the delay of the Taylor Creek Trestle and Bridge construction project by one construction season. This project was previously scheduled for construction in 2019. The project is being delayed in hopes of receiving favorable bids well in advance of construction and due to a shortfall in staffing resources. The diminished condition of both the trestle and the 9 Road bridge has created a potentially unsafe working environment and could compromise emergency response required as part of management of the City’s drinking water supply and fish habitat. The removal of the trestle and replacement of the 9 Road bridge will increase emergency response, safety, water quality, fish habitat, large woody debris movement into the Cedar system and provide a main haul route for transportation of larger loads across the lower watershed.

Water Quality and Treatment: The purpose of this program category is to construct, rehabilitate or improve water treatment facilities, and cover the remaining open water reservoirs. State and federal drinking water regulations and public health protection are key drivers of investments in this program category. To comply with regulations, SPU has invested hundreds of millions of dollars in building two new primary treatment facilities and covering two and burying five reservoirs that contain already treated water that is distributed directly to Seattle retail and wholesale customers for drinking purposes.

The shift in the **Water Quality & Treatment BCL** due to an updated cashflow projection for the Lake Forest Park Reservoir Covering Project. The plan is for another floating cover instead of the aluminum roof previously considered. Construction of the replacement of the Lake Forest Park Reservoir cover is anticipated to start in 2020. Bitter Lake Reservoir cover replacement is anticipated to start in 2022 - 2024.

Water Resources: The purpose of this program category is to manage our water resources to meet anticipated demands and in-stream flow requirements – the amount of water provided to the river to support aquatic habitat, wetlands, riparian vegetation, and water quality – and to promote residential and commercial water conservation. The requirements for in-stream flows are detailed in agreements with state and federal agencies and include provisions for minimum stream flows in the Cedar and South Fork Tolt Rivers. Examples of the types of projects in this category include the Dam Safety Program and Sockeye Broodstock Weir and other improvements associated with the hatchery and fish ladder.

Increases in the **Water Resources BCL** in 2020 are due to increased costs of Tolt Valve 15 replacement, an upgrade required by the Federal Energy Regulatory Commission (FERC).

Habitat Conservation Program: This program category includes projects and programs directly related to implementation of the Cedar River Watershed Habitat Conservation Plan. The Habitat Conservation Plan benefits the utility and the ratepayers it serves by providing legal certainty under the Endangered Species Act for the City's continued operations within the Cedar River Watershed, which supplies 65% of the SPU's drinking water. The Habitat Conservation Program requires SPU to invest \$100 million over 50 years, with \$60 million in the first decade, on approximately 30 capital projects and 60 O&M activities in three areas: management of in-stream flows for people and fish, forest and land conservation activities, and mitigation for the blockage of salmon and steelhead fish as they return to the Cedar River to spawn. The Water Fund's CIP projects in this area are grouped into eight categories: road improvements and decommissioning, stream and riparian restoration, upland forest restoration, Landsburg fish passage, Cedar River sockeye hatchery, improvements to the Ballard Locks for fish passage and water conservation, fish habitat protection and restoration in the lower Cedar River below the municipal watershed boundary, and evaluation of Cedar permanent dead storage in Chester Morse Lake.

Increases in 2020 in the **Habitat Conservation Program BCL** are due to the Downstream Fish Habitat program. These funds will be expended on land acquisition and restoration to improve salmon habitat as part of the City's Cedar River Habitat Conservation Program commitments. A portion of this amount may be grant funded. Also, there is an increase of \$1.7M in 2020-2023 for Streams and Riparian Restoration that replaces old culverts with new culverts or small bridges to provide improved fish passage.

Shared Cost Projects: This program includes individual capital improvement projects which typically benefit multiple lines of business (e.g. the water line of business and the drainage and wastewater line of business) and whose costs are "shared," or paid for, by more than one of SPU's utility funds. For the next six years, the Shared Cost program includes funding for several interdepartmental programs and projects including Move Seattle, Alaskan Way Viaduct and Seawall Replacement. Funding is also included for SPU's Heavy Equipment Purchases and several smaller projects.

The **Shared Cost Projects BCL** increases in 2020 is primarily due to the Cedar Falls Facility Improvement projects and Spoil Yard Property Purchase project, accelerating projects forward.

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; and
- Asset Information Management.

Investments in 2020 address several of SPU's key initiatives, including:

2020-2025 Adopted Capital Improvement Program

- Financial Management and Internal Controls;
- Operational Excellence and Performance Management;
- An Easy and Engaged Customer Experience;
- Data-driven Decision Support; and
- Project Delivery/Project Controls.

In 2020, SPU will focus its technology spending on the highest priority business needs. These projects would primarily be within the Customer Contact and Billing Program, Project Delivery and Performance Program, as well as the Asset Information Management Program.

With the New Customer Information System already in place, the next major projects for SPU within the Customer Contact and Billing Program would be the Utilities CSS Portal project as well as other projects such as CIS Workflow and the CIS Reporting. Other projects slated would be enhancements to SPU’s Enterprise Project Management System (EPMS) as well as the Development Systems Integration project, along with other projects that have been deferred in previous years

CIP Revenue Sources

SPU’s Water CIP is funded largely by Water ratepayers. About 68% of the Water Fund’s operating revenues come from retail ratepayers, split approximately evenly between residential and commercial customers. Another 24% of the Water Fund’s overall revenues come from wholesale purveyors who serve surrounding jurisdictions. The remaining 8% consists of non-rate revenue, which include such items as tap fees received. SPU issues bonds, serviced by ratepayers, which in the current period covers 31% of the CIP, with the remainder funded by cash, i.e.: directly by ratepayer revenue.

SPU actively seeks grants, low interest loans, and other funding sources whenever possible. And, as mentioned above, SPU also receives payments from developers that are intended to offset the cost of installing new taps when they connect newly constructed buildings to SPU water mains. These “tap fees” are a volatile revenue source, trending with the construction-related sectors of the economy.

Summary of Upcoming Budget Issues and Challenges

These important issues create financial challenges and opportunities for the Water Fund in the future.

Water Conservation: The City of Seattle, Seattle residents and businesses, and Seattle’s wholesale water partners have worked together to reduce water consumption. As a result, consumption has declined since the 1980’s and is projected to flatten out. In 2018, 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. In the future, it may also influence water rate design.

Transitioning from Major Projects toward Asset Management: The Water Fund is transitioning from a period of building large capital projects, in response to regulatory requirements, to a time of physical infrastructure rehabilitation. Past investments include water treatment facilities for the Tolt and Cedar water supplies, coverings for seven open reservoirs in response to federal/state regulations, construction of a second pipeline for the Tolt system, and investments to meet federal requirements

embodied in the Cedar River Watershed Habitat Conservation Plan. These investments helped secure the supply and distribution of high-quality drinking water and provide appropriate stewardship of the watersheds consistent with federal and state requirements.

The City of Seattle is now better positioned than many water utilities in the nation in terms of regulatory compliance. Residents, businesses and rate payers will benefit from these investments for years to come. Although the focus will shift from major projects to physical infrastructure rehabilitation, the utility will be paying debt service over the next several budget cycles on the bonds that were issued for these major projects. Against the backdrop of these trends, the 2020-2025 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.

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, address the Tolt Pipelines slide area, and construct Operational and Regional Facilities. Beyond these projects, emphasis will be on asset management-based rehabilitation and replacement of distribution system infrastructure (e.g. mains, valves, hydrants, meters), as well as water system infrastructure improvements related to transportation projects, such as the Move Seattle Levy.

Additionally, 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 recently completed a seismic analysis that defined recovery time to agreed levels of service and developed a prioritized list of recommended investments to improve resiliency. Those capital and operational and maintenance improvements will be developed over the course of the next several decades, and initial funding to begin implementation of those improvements is included in this capital program.

City Council Changes to Proposed CIP

The Council did not make any changes to the proposed CIP.

City Council Provisos to the CIP

There are no Council provisos.

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Distribution (BC-SU-C110B)									
Chamber Upgrades- Distribution (MC-SU-C1137)	255	29	30	30	31	32	33	33	473
Distribution Infrastructure (MC-SU-C1138)	34	108	110	113	115	118	120	122	840
Distribution Sys Seismic Imprv (MC-SU-C1139)	-	-	750	2,050	2,600	3,300	6,400	4,500	19,600
Distribution System Improvements (MC-SU- C1128)	35	3,000	2,000	2,000	2,000	2,000	4,000	4,000	19,035
Distribution System In-Line Gate Valve (MC-SU-C1136)	1,385	120	120	366	373	381	400	408	3,553
Multiple Utility Relocation (MC-SU-C1133)	1	497	500	500	500	500	500	500	3,498
Pump Station Improvements (MC-SU- C1135)	410	1,457	724	1,658	3,245	560	500	500	9,054
Tank Improvements (MC- SU-C1134)	816	2,476	5,567	3,493	3,590	3,930	3,720	4,000	27,592
Water Infrastructure- Hydrant Replace/Relocate (MC-SU-C1110)	395	221	225	230	235	239	244	249	2,037
Water Infrastructure-New Hydrants (MC-SU-C1112)	39	149	14	14	14	15	15	16	275
Water Infrastructure-New Taps (MC-SU-C1113)	7,410	8,203	7,140	7,283	7,428	7,428	7,577	7,883	60,353
Water Infrastructure- Service Renewal (MC-SU- C1109)	4,953	6,033	6,072	6,193	6,317	6,443	6,572	6,704	49,287
Water Infrastructure-Water Main Extensions (MC-SU- C1111)	807	1,379	714	728	743	758	773	788	6,691
Watermain Rehabilitation (MC-SU-C1129)	12,955	12,505	10,171	8,920	4,326	4,502	15,548	20,300	89,227
Distribution Total	29,495	36,178	34,137	33,578	31,518	30,205	46,402	50,002	291,515
Habitat Conservation Program (BC-SU-C160B)									
Ballard Locks Improvements (MC-SU-C1606)	502	150	155	160	165	170	-	-	1,302

*Amounts in thousands of dollars.

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Downstream Fish Habitat (MC-SU-C1607)	12,806	1,600	2,000	1,050	-	-	-	-	17,456
Instream Flow Management Studies (MC-SU-C1608)	1,716	100	100	100	100	100	-	-	2,216
Stream & Riparian Restoration (MC-SU-C1602)	4,230	309	315	544	627	981	317	113	7,436
Upland Reserve Forest Restore (MC-SU-C1603)	2,594	83	115	115	115	115	115	115	3,366
Watershed Road Improvements/Decommissioning (MC-SU-C1601)	6,612	783	803	847	833	749	763	776	12,165
Habitat Conservation Program Total	28,460	3,024	3,488	2,815	1,841	2,115	1,195	1,004	43,943
Transmission (BC-SU-C120B)									
Cathodic Protection (MC-SU-C1208)	2,505	4,646	3,388	2,334	287	2,744	411	3,667	19,981
Purveyor Meters Replace-SPU (MC-SU-C1206)	26	218	223	100	100	100	110	120	997
Replace Air Valve Chambers (MC-SU-C1209)	1,074	130	133	130	130	130	140	150	2,016
Transmission Pipelines Rehab (MC-SU-C1207)	2,472	6,874	11,586	13,022	2,525	1,717	1,500	1,500	41,196
Transmission Sys Seismic Imprv (MC-SU-C1210)	-	-	250	450	1,800	2,400	3,000	12,700	20,600
Water System Dewatering (MC-SU-C1205)	16	30	33	35	36	40	45	50	285
Transmission Total	6,092	11,898	15,612	16,071	4,878	7,131	5,206	18,187	85,075
Water Quality & Treatment (BC-SU-C140B)									
Beacon Reservoir Seismic (MC-SU-C1408)	11,341	260	-	-	-	-	-	-	11,601
Reservoir Covering-Bitter Lake (MC-SU-C1419)	94	350	350	2,000	8,600	21,600	9,100	3,000	45,094
Reservoir Covering-Lake Forest (MC-SU-C1418)	714	1,050	8,695	5,060	5,000	-	-	-	20,519

*Amounts in thousands of dollars.

Seattle Public Utilities – Water

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Treatment Facility/Water Quality Improvements (MC-SU-C1413)	786	250	480	150	150	-	-	-	1,816
Water Quality & Treatment Total	12,935	1,910	9,525	7,210	13,750	21,600	9,100	3,000	79,030
Water Resources (BC-SU-C150B)									
Dam Safety (MC-SU-C1506)	1,431	830	4,751	3,585	1,510	2,125	300	215	14,746
Hatchery Works (MC-SU-C1511)	91	5,500	1,939	7,271	976	500	500	-	16,777
Regional Water Conservation (MC-SU-C1504)	25,334	1,098	1,126	1,154	1,183	1,212	1,243	1,274	33,624
Seattle Direct Water Conservation (MC-SU-C1505)	4,582	732	648	664	681	698	715	733	9,455
Water System Plan (MC-SU-C1510)	383	50	-	-	-	-	-	-	433
Water Resources Total	31,821	8,210	8,464	12,674	4,350	4,535	2,758	2,222	75,035
Watershed Stewardship (BC-SU-C130B)									
Cedar Bridges (MC-SU-C1307)	218	1,802	1,196	15	-	-	100	100	3,431
Environmental Stewardship (MC-SU-C1301)	411	113	94	579	65	75	75	75	1,488
Tolt Bridges (MC-SU-C1308)	-	1	-	-	-	-	-	-	1
Watershed Stewardship Total	630	1,916	1,290	594	65	75	175	175	4,919
Seattle Public Utilities - Water Total	109,434	63,136	72,516	72,943	56,401	65,662	64,836	74,591	579,518

*Amounts in thousands of dollars.

Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
43000 - Water Fund	210,333	126,865	115,527	119,695	121,178	96,140	114,142	116,126	1,020,005
Seattle Public Utilities Total	210,333	126,865	115,527	119,695	121,178	96,140	114,142	116,126	1,020,005

**Amounts in thousands of dollars.*

Water Infrastructure-Service Renewal

Project No:	MC-SU-C1109	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	4,953	6,033	6,072	6,193	6,317	6,443	6,572	6,704	49,287
Total:	4,953	6,033	6,072	6,193	6,317	6,443	6,572	6,704	49,287
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	4,953	6,033	6,072	6,193	6,317	6,443	6,572	6,704	49,287
Total:	4,953	6,033	6,072	6,193	6,317	6,443	6,572	6,704	49,287

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Water Infrastructure-Hydrant Replace/Relocate

Project No:	MC-SU-C1110	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	395	221	225	230	235	239	244	249	2,037
Total:	395	221	225	230	235	239	244	249	2,037
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	395	221	225	230	235	239	244	249	2,037
Total:	395	221	225	230	235	239	244	249	2,037

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Water Infrastructure-Water Main Extensions

Project No:	MC-SU-C1111	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	807	1,379	714	728	743	758	773	788	6,691
Total:	807	1,379	714	728	743	758	773	788	6,691
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	807	1,379	714	728	743	758	773	788	6,691
Total:	807	1,379	714	728	743	758	773	788	6,691

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Water Infrastructure-New Hydrants

Project No:	MC-SU-C1112	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	39	149	14	14	14	15	15	16	275
Total:	39	149	14	14	14	15	15	16	275
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	39	149	14	14	14	15	15	16	275
Total:	39	149	14	14	14	15	15	16	275

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Water Infrastructure-New Taps

Project No:	MC-SU-C1113	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	7,410	8,203	7,140	7,283	7,428	7,428	7,577	7,883	60,353
Total:	7,410	8,203	7,140	7,283	7,428	7,428	7,577	7,883	60,353
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	7,410	8,203	7,140	7,283	7,428	7,428	7,577	7,883	60,353
Total:	7,410	8,203	7,140	7,283	7,428	7,428	7,577	7,883	60,353

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Distribution System Improvements

Project No:	MC-SU-C1128	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	35	3,000	2,000	2,000	2,000	2,000	4,000	4,000	19,035
Total:	35	3,000	2,000	2,000	2,000	2,000	4,000	4,000	19,035
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	35	3,000	2,000	2,000	2,000	2,000	4,000	4,000	19,035
Total:	35	3,000	2,000	2,000	2,000	2,000	4,000	4,000	19,035

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Watermain Rehabilitation

Project No:	MC-SU-C1129	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	Improved Facility	Location:	Regional
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	12,955	12,505	10,171	8,920	4,326	4,502	15,548	20,300	89,227
Total:	12,955	12,505	10,171	8,920	4,326	4,502	15,548	20,300	89,227
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	12,955	12,505	10,171	8,920	4,326	4,502	15,548	20,300	89,227
Total:	12,955	12,505	10,171	8,920	4,326	4,502	15,548	20,300	89,227

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Multiple Utility Relocation

Project No:	MC-SU-C1133	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	1	497	500	500	500	500	500	500	3,498
Total:	1	497	500	500	500	500	500	500	3,498
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	1	497	500	500	500	500	500	500	3,498
Total:	1	497	500	500	500	500	500	500	3,498

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Tank Improvements

Project No:	MC-SU-C1134	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	816	2,476	5,567	3,493	3,590	3,930	3,720	4,000	27,592
Total:	816	2,476	5,567	3,493	3,590	3,930	3,720	4,000	27,592
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	816	2,476	5,567	3,493	3,590	3,930	3,720	4,000	27,592
Total:	816	2,476	5,567	3,493	3,590	3,930	3,720	4,000	27,592

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Pump Station Improvements

Project No:	MC-SU-C1135	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	410	1,457	724	1,658	3,245	560	500	500	9,054
Total:	410	1,457	724	1,658	3,245	560	500	500	9,054
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	410	1,457	724	1,658	3,245	560	500	500	9,054
Total:	410	1,457	724	1,658	3,245	560	500	500	9,054

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Distribution System In-Line Gate Valve

Project No:	MC-SU-C1136	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	1,385	120	120	366	373	381	400	408	3,553
Total:	1,385	120	120	366	373	381	400	408	3,553
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	1,385	120	120	366	373	381	400	408	3,553
Total:	1,385	120	120	366	373	381	400	408	3,553

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Chamber Upgrades-Distribution

Project No:	MC-SU-C1137	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	255	29	30	30	31	32	33	33	473
Total:	255	29	30	30	31	32	33	33	473
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	255	29	30	30	31	32	33	33	473
Total:	255	29	30	30	31	32	33	33	473

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Distribution Infrastructure

Project No:	MC-SU-C1138	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	34	108	110	113	115	118	120	122	840
Total:	34	108	110	113	115	118	120	122	840
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	34	108	110	113	115	118	120	122	840
Total:	34	108	110	113	115	118	120	122	840

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Distribution System Seismic Improvements

Project No:	MC-SU-C1139	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing project upgrade critical distribution facilities that are seismically vulnerable and will remain functional after a major earthquake. Facilities that will be upgraded include water storage reservoirs and tanks, pump stations, pipelines and support facilities. The upgrades are scheduled to occur over a 50-year plus time frame.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	-	-	750	2,050	2,600	3,300	6,400	4,500	19,600
Total:	-	-	750	2,050	2,600	3,300	6,400	4,500	19,600
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	-	-	750	2,050	2,600	3,300	6,400	4,500	19,600
Total:	-	-	750	2,050	2,600	3,300	6,400	4,500	19,600

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Water System Dewatering

Project No:	MC-SU-C1205	BSL Code:	BC-SU-C120B
Project Type:	Ongoing	BSL Name:	Transmission
Project Category:	Improved Facility	Location:	Regional
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	16	30	33	35	36	40	45	50	285
Total:	16	30	33	35	36	40	45	50	285
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	16	30	33	35	36	40	45	50	285
Total:	16	30	33	35	36	40	45	50	285

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Purveyor Meters Replace-SPU

Project No:	MC-SU-C1206	BSL Code:	BC-SU-C120B
Project Type:	Ongoing	BSL Name:	Transmission
Project Category:	Improved Facility	Location:	Regional
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	26	218	223	100	100	100	110	120	997
Total:	26	218	223	100	100	100	110	120	997
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	26	218	223	100	100	100	110	120	997
Total:	26	218	223	100	100	100	110	120	997

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Transmission Pipelines Rehab

Project No:	MC-SU-C1207	BSL Code:	BC-SU-C120B
Project Type:	Ongoing	BSL Name:	Transmission
Project Category:	Improved Facility	Location:	Regional
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	2,472	6,874	11,586	13,022	2,525	1,717	1,500	1,500	41,196
Total:	2,472	6,874	11,586	13,022	2,525	1,717	1,500	1,500	41,196
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	2,472	6,874	11,586	13,022	2,525	1,717	1,500	1,500	41,196
Total:	2,472	6,874	11,586	13,022	2,525	1,717	1,500	1,500	41,196

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Cathodic Protection

Project No:	MC-SU-C1208	BSL Code:	BC-SU-C120B
Project Type:	Ongoing	BSL Name:	Transmission
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	2,505	4,646	3,388	2,334	287	2,744	411	3,667	19,981
Total:	2,505	4,646	3,388	2,334	287	2,744	411	3,667	19,981
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	2,505	4,646	3,388	2,334	287	2,744	411	3,667	19,981
Total:	2,505	4,646	3,388	2,334	287	2,744	411	3,667	19,981

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Replace Air Valve Chambers

Project No:	MC-SU-C1209	BSL Code:	BC-SU-C120B
Project Type:	Ongoing	BSL Name:	Transmission
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	1,074	130	133	130	130	130	140	150	2,016
Total:	1,074	130	133	130	130	130	140	150	2,016
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	1,074	130	133	130	130	130	140	150	2,016
Total:	1,074	130	133	130	130	130	140	150	2,016

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Transmission System Seismic Improvements

Project No:	MC-SU-C1210	BSL Code:	BC-SU-C120B
Project Type:	Ongoing	BSL Name:	Transmission
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing project upgrade transmission system infrastructure that is seismically vulnerable and will remain functional after a major earthquake. Vulnerable transmission pipelines, reservoirs and pump stations will be upgraded. These upgrades will be completed over a 50-year time period.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	-	-	250	450	1,800	2,400	3,000	12,700	20,600
Total:	-	-	250	450	1,800	2,400	3,000	12,700	20,600
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	-	-	250	450	1,800	2,400	3,000	12,700	20,600
Total:	-	-	250	450	1,800	2,400	3,000	12,700	20,600

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Environmental Stewardship

Project No:	MC-SU-C1301	BSL Code:	BC-SU-C130B
Project Type:	Ongoing	BSL Name:	Watershed Stewardship
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	411	113	94	579	65	75	75	75	1,488
Total:	411	113	94	579	65	75	75	75	1,488
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	411	113	94	579	65	75	75	75	1,488
Total:	411	113	94	579	65	75	75	75	1,488

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Cedar Bridges

Project No:	MC-SU-C1307	BSL Code:	BC-SU-C130B
Project Type:	Ongoing	BSL Name:	Watershed Stewardship
Project Category:	Improved Facility	Location:	Cedar River Watershed
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	218	1,802	1,196	15	-	-	100	100	3,431
Total:	218	1,802	1,196	15	-	-	100	100	3,431

Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	218	1,802	1,196	15	-	-	100	100	3,431
Total:	218	1,802	1,196	15	-	-	100	100	3,431

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Tolt Bridges

Project No:	MC-SU-C1308	BSL Code:	BC-SU-C130B
Project Type:	Discrete	BSL Name:	Watershed Stewardship
Project Category:	Improved Facility	Location:	Tolt River Watershed
Current Project Stage:	Stage 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2004 - 2020	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	-	1	-	-	-	-	-	-	1
Total:	-	1	-	-	-	-	-	-	1

Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	-	1	-	-	-	-	-	-	1
Total:	-	1	-	-	-	-	-	-	1

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Beacon Reservoir Seismic

Project No:	MC-SU-C1408	BSL Code:	BC-SU-C140B
Project Type:	Discrete	BSL Name:	Water Quality & Treatment
Project Category:	Improved Facility	Location:	S Spokane St and Beacon Ave S
Current Project Stage:	Stage 5 - Construction	Council District:	Council District 2
Start/End Date:	2001 - 2019	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$11,601	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	11,341	260	-	-	-	-	-	-	11,601
Total:	11,341	260	-	-	-	-	-	-	11,601
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	11,341	260	-	-	-	-	-	-	11,601
Total:	11,341	260	-	-	-	-	-	-	11,601

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Treatment Facility/Water Quality Improvements

Project No:	MC-SU-C1413	BSL Code:	BC-SU-C140B
Project Type:	Ongoing	BSL Name:	Water Quality & Treatment
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	786	250	480	150	150	-	-	-	1,816
Total:	786	250	480	150	150	-	-	-	1,816
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	786	250	480	150	150	-	-	-	1,816
Total:	786	250	480	150	150	-	-	-	1,816

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Reservoir Covering-Lake Forest

Project No:	MC-SU-C1418	BSL Code:	BC-SU-C140B
Project Type:	Discrete	BSL Name:	Water Quality & Treatment
Project Category:	Improved Facility	Location:	Lake Forest Park
Current Project Stage:	Stage 3 - Design	Council District:	Outside City of Seattle
Start/End Date:	2013 - 2022	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$20,519	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	714	1,050	8,695	5,060	5,000	-	-	-	20,519
Total:	714	1,050	8,695	5,060	5,000	-	-	-	20,519
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	714	1,050	8,695	5,060	5,000	-	-	-	20,519
Total:	714	1,050	8,695	5,060	5,000	-	-	-	20,519

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Reservoir Covering-Bitter Lake

Project No:	MC-SU-C1419	BSL Code:	BC-SU-C140B
Project Type:	Discrete	BSL Name:	Water Quality & Treatment
Project Category:	Improved Facility	Location:	N 143rd St and Linden Ave N
Current Project Stage:	Stage 3 - Design	Council District:	Council District 5
Start/End Date:	2013 - 2025	Neighborhood District:	Northwest
Total Project Cost:	\$45,094	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	94	350	350	2,000	8,600	21,600	9,100	3,000	45,094
Total:	94	350	350	2,000	8,600	21,600	9,100	3,000	45,094
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	94	350	350	2,000	8,600	21,600	9,100	3,000	45,094
Total:	94	350	350	2,000	8,600	21,600	9,100	3,000	45,094

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Regional Water Conservation

Project No:	MC-SU-C1504	BSL Code:	BC-SU-C150B
Project Type:	Ongoing	BSL Name:	Water Resources
Project Category:	Improved Facility	Location:	Citywide and Regional
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	25,334	1,098	1,126	1,154	1,183	1,212	1,243	1,274	33,624
Total:	25,334	1,098	1,126	1,154	1,183	1,212	1,243	1,274	33,624
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	25,334	1,098	1,126	1,154	1,183	1,212	1,243	1,274	33,624
Total:	25,334	1,098	1,126	1,154	1,183	1,212	1,243	1,274	33,624

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Direct Water Conservation

Project No:	MC-SU-C1505	BSL Code:	BC-SU-C150B
Project Type:	Ongoing	BSL Name:	Water Resources
Project Category:	Improved Facility	Location:	Citywide and Direct Service
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	4,582	732	648	664	681	698	715	733	9,455
Total:	4,582	732	648	664	681	698	715	733	9,455
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	4,582	732	648	664	681	698	715	733	9,455
Total:	4,582	732	648	664	681	698	715	733	9,455

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Dam Safety

Project No:	MC-SU-C1506	BSL Code:	BC-SU-C150B
Project Type:	Ongoing	BSL Name:	Water Resources
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	1,431	830	4,751	3,585	1,510	2,125	300	215	14,746
Total:	1,431	830	4,751	3,585	1,510	2,125	300	215	14,746
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	1,431	830	4,751	3,585	1,510	2,125	300	215	14,746
Total:	1,431	830	4,751	3,585	1,510	2,125	300	215	14,746

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Water System Plan

Project No:	MC-SU-C1510	BSL Code:	BC-SU-C150B
Project Type:	Ongoing	BSL Name:	Water Resources
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This project develops the 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	383	50	-	-	-	-	-	-	433
Total:	383	50	-	-	-	-	-	-	433
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	383	50	-	-	-	-	-	-	433
Total:	383	50	-	-	-	-	-	-	433

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

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Hatchery Works

Project No:	MC-SU-C1511	BSL Code:	BC-SU-C150B
Project Type:	Ongoing	BSL Name:	Water Resources
Project Category:	Improved Facility	Location:	Cedar River Watershed
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	91	5,500	1,939	7,271	976	500	500	-	16,777
Total:	91	5,500	1,939	7,271	976	500	500	-	16,777
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	91	5,500	1,939	7,271	976	500	500	-	16,777
Total:	91	5,500	1,939	7,271	976	500	500	-	16,777

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Watershed Road Improvements/Decommissioning

Project No:	MC-SU-C1601	BSL Code:	BC-SU-C160B
Project Type:	Ongoing	BSL Name:	Habitat Conservation Program
Project Category:	Improved Facility	Location:	Cedar River Watershed
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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).

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	6,612	783	803	847	833	749	763	776	12,165
Total:	6,612	783	803	847	833	749	763	776	12,165
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	6,612	783	803	847	833	749	763	776	12,165
Total:	6,612	783	803	847	833	749	763	776	12,165

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Stream & Riparian Restoration

Project No:	MC-SU-C1602	BSL Code:	BC-SU-C160B
Project Type:	Ongoing	BSL Name:	Habitat Conservation Program
Project Category:	Improved Facility	Location:	Cedar River Watershed
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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).

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	4,230	309	315	544	627	981	317	113	7,436
Total:	4,230	309	315	544	627	981	317	113	7,436
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	4,230	309	315	544	627	981	317	113	7,436
Total:	4,230	309	315	544	627	981	317	113	7,436

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Upland Reserve Forest Restore

Project No:	MC-SU-C1603	BSL Code:	BC-SU-C160B
Project Type:	Ongoing	BSL Name:	Habitat Conservation Program
Project Category:	Improved Facility	Location:	Cedar River Watershed
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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).

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	2,594	83	115	115	115	115	115	115	3,366
Total:	2,594	83	115	115	115	115	115	115	3,366
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	2,594	83	115	115	115	115	115	115	3,366
Total:	2,594	83	115	115	115	115	115	115	3,366

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Ballard Locks Improvements

Project No:	MC-SU-C1606	BSL Code:	BC-SU-C160B
Project Type:	Discrete	BSL Name:	Habitat Conservation Program
Project Category:	Improved Facility	Location:	NW 54th St 30th Ave NW
Current Project Stage:	Stage 5 - Construction	Council District:	Council District 6
Start/End Date:	2000 - 2025	Neighborhood District:	Ballard
Total Project Cost:	\$1,302	Urban Village:	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).

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	502	150	155	160	165	170	-	-	1,302
Total:	502	150	155	160	165	170	-	-	1,302
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	502	150	155	160	165	170	-	-	1,302
Total:	502	150	155	160	165	170	-	-	1,302

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

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Downstream Fish Habitat

Project No:	MC-SU-C1607	BSL Code:	BC-SU-C160B
Project Type:	Discrete	BSL Name:	Habitat Conservation Program
Project Category:	Improved Facility	Location:	Cedar River Watershed
Current Project Stage:	Stage 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2008 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$17,456	Urban Village:	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).

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	12,806	1,600	2,000	1,050	-	-	-	-	17,456
Total:	12,806	1,600	2,000	1,050	-	-	-	-	17,456
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	12,806	1,600	2,000	1,050	-	-	-	-	17,456
Total:	12,806	1,600	2,000	1,050	-	-	-	-	17,456

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

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Instream Flow Management Studies

Project No:	MC-SU-C1608	BSL Code:	BC-SU-C160B
Project Type:	Ongoing	BSL Name:	Habitat Conservation Program
Project Category:	Improved Facility	Location:	Cedar River Watershed
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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).

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	1,716	100	100	100	100	100	-	-	2,216
Total:	1,716	100	100	100	100	100	-	-	2,216
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	1,716	100	100	100	100	100	-	-	2,216
Total:	1,716	100	100	100	100	100	-	-	2,216

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Seattle Public Utilities

Shared & Technology Projects

Seattle Public Utilities – Shared Projects and Technology

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Shared Cost Projects (BC-SU-C410B)									
1% for Arts (MC-SU-C4118)	8,331	1,310	1,676	1,907	1,546	1,165	1,277	1,014	18,226
Alaskan Way Viaduct & Seawall Replacement Program (MC-SU-C4102)	58,806	15,206	12,518	621	260	73	39	1	87,522
Emergency Storms Program (MC-SU-C4120)	1	100	-	-	-	-	-	-	101
Heavy Equipment Purchases (MC-SU-C4116)	47,275	8,915	8,052	7,776	9,134	7,777	8,424	8,607	105,959
Integrated Control Monitoring Program (MC-SU-C4108)	1,828	610	610	360	360	360	360	-	4,488
Meter Replacement (MC-SU-C4101)	14,546	1,169	1,182	1,002	1,022	1,042	1,062	1,083	22,108
Move Seattle (MC-SU-C4119)	7,679	45,513	35,544	42,732	55,753	28,304	22,886	18,064	256,476
Operational Facility - Construction (MC-SU-C4106)	20,363	37,528	13,532	18,468	8,794	4,050	5,700	15,500	123,935
Operations Control Center (MC-SU-C4105)	943	1,750	472	-	-	-	-	-	3,165
Other Major Transportation Projects (MC-SU-C4123)	398	1,250	2,362	-	-	-	-	-	4,009
Regional Facility - Other (MC-SU-C4107)	16,411	5,170	4,045	2,057	1,312	2,025	24,870	13,394	69,284
Security Improvements (MC-SU-C4113)	4,771	1,900	1,600	1,150	1,150	1,550	2,150	1,800	16,071
Streetcar Related Projects (MC-SU-C4130)	18,272	14,692	73	9,692	18,847	4,444	-	-	66,021
Shared Cost Projects Total	199,623	135,114	81,664	85,765	98,179	50,789	66,768	59,463	777,366
Technology (BC-SU-C510B)									
Asset Information Management (MC-SU-C5407)	706	2,836	2,447	2,000	2,000	2,000	2,000	2,000	15,989
Customer Contact & Billing (MC-SU-C5402)	242	11,796	2,658	1,249	1,000	1,000	1,000	1,000	19,946

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Seattle Public Utilities – Shared Projects and Technology

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Enterprise Information Management (MC-SU-C5403)	76	1,870	926	2,500	2,000	2,000	2,000	2,000	13,372
IT Infrastructure (MC-SU-C5404)	1,481	1,537	750	1,750	1,750	1,750	1,750	1,750	12,518
Project Delivery & Performance (MC-SU-C5405)	14,372	2,999	2,968	2,200	1,700	1,700	1,700	1,700	29,339
Science & System Performance (MC-SU-C5406)	2,269	2,133	1,450	1,600	1,600	1,600	1,600	1,600	13,852
Technology Total	19,147	23,171	11,200	11,299	10,050	10,050	10,050	10,050	105,017
Seattle Public Utilities – Shared Projects and Technology Total	218,770	158,285	92,864	97,065	108,229	60,839	76,818	69,513	882,383

**Amounts in thousands of dollars.*

Meter Replacement

Project No:	MC-SU-C4101	BSL Code:	BC-SU-C410B
Project Type:	Ongoing	BSL Name:	Shared Cost Projects
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	6,978	561	567	481	491	500	510	520	10,608
Water Rates	7,568	608	615	521	531	542	552	563	11,500
Total:	14,546	1,169	1,182	1,002	1,022	1,042	1,062	1,083	22,108
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	6,978	561	567	481	491	500	510	520	10,608
Water Fund	7,568	608	615	521	531	542	552	563	11,500
Total:	14,546	1,169	1,182	1,002	1,022	1,042	1,062	1,083	22,108

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Alaskan Way Viaduct & Seawall Replacement Program

Project No:	MC-SU-C4102	BSL Code:	BC-SU-C410B
Project Type:	Discrete	BSL Name:	Shared Cost Projects
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	Stage 5 - Construction	Council District:	Multiple
Start/End Date:	2001 - 2025	Neighborhood District:	Multiple
Total Project Cost:	\$87,522	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	36,812	13,529	11,162	432	230	61	34	-	62,261
Water Rates	21,993	1,677	1,355	190	30	12	4	1	25,261
Total:	58,806	15,206	12,518	621	260	73	39	1	87,522
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	36,812	13,529	11,162	432	230	61	34	-	62,261
Water Fund	21,993	1,677	1,355	190	30	12	4	1	25,261
Total:	58,806	15,206	12,518	621	260	73	39	1	87,522

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Operations Control Center

Project No:	MC-SU-C4105	BSL Code:	BC-SU-C410B
Project Type:	Ongoing	BSL Name:	Shared Cost Projects
Project Category:	Improved Facility	Location:	2700 Airport Way South
Current Project Stage:	N/A	Council District:	Council District 2
Start/End Date:	N/A	Neighborhood District:	Greater Duwamish
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	943	1,750	472	-	-	-	-	-	3,165
Total:	943	1,750	472	-	-	-	-	-	3,165
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	943	1,750	472	-	-	-	-	-	3,165
Total:	943	1,750	472	-	-	-	-	-	3,165

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Operational Facility - Construction

Project No:	MC-SU-C4106	BSL Code:	BC-SU-C410B
Project Type:	Ongoing	BSL Name:	Shared Cost Projects
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
	-	-	-	-	-	-	-	-	-
Drainage and Wastewater Rates	19,093	27,344	5,109	17,169	3,376	1,751	2,950	9,110	85,901
Solid Waste Rates	35	1,395	533	105	709	378	-	100	3,254
Water Rates	1,236	8,789	7,891	1,194	4,709	1,922	2,750	6,290	34,781
Total:	20,363	37,528	13,532	18,468	8,794	4,050	5,700	15,500	123,935
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	19,093	27,344	5,109	17,169	3,376	1,751	2,950	9,110	85,901
Solid Waste Fund	35	1,395	533	105	709	378	-	100	3,254
Water Fund	1,236	8,789	7,891	1,194	4,709	1,922	2,750	6,290	34,781
Total:	20,363	37,528	13,532	18,468	8,794	4,050	5,700	15,500	123,935

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Regional Facility - Other

Project No:	MC-SU-C4107	BSL Code:	BC-SU-C410B
Project Type:	Ongoing	BSL Name:	Shared Cost Projects
Project Category:	Improved Facility	Location:	Regional
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Outside City of Seattle
Total Project Cost:	N/A	Urban Village:	Outside City of Seattle

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Rates	16,411	5,170	4,045	2,057	1,312	2,025	24,870	13,394	69,284
Total:	16,411	5,170	4,045	2,057	1,312	2,025	24,870	13,394	69,284
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Water Fund	16,411	5,170	4,045	2,057	1,312	2,025	24,870	13,394	69,284
Total:	16,411	5,170	4,045	2,057	1,312	2,025	24,870	13,394	69,284

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Integrated Control Monitoring Program

Project No:	MC-SU-C4108	BSL Code:	BC-SU-C410B
Project Type:	Ongoing	BSL Name:	Shared Cost Projects
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Not Applicable
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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".

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	1,332	250	250	-	-	-	-	-	1,832
Water Rates	496	360	360	360	360	360	360	-	2,656
Total:	1,828	610	610	360	360	360	360	-	4,488
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	1,332	250	250	-	-	-	-	-	1,832
Water Fund	496	360	360	360	360	360	360	-	2,656
Total:	1,828	610	610	360	360	360	360	-	4,488

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Security Improvements

Project No:	MC-SU-C4113	BSL Code:	BC-SU-C410B
Project Type:	Ongoing	BSL Name:	Shared Cost Projects
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	130	210	165	105	105	90	225	180	1,210
Solid Waste Rates	448	265	135	95	207	135	225	145	1,655
Water Rates	4,193	1,425	1,300	950	838	1,325	1,700	1,475	13,206
Total:	4,771	1,900	1,600	1,150	1,150	1,550	2,150	1,800	16,071
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	130	210	165	105	105	90	225	180	1,210
Solid Waste Fund	448	265	135	95	207	135	225	145	1,655
Water Fund	4,193	1,425	1,300	950	838	1,325	1,700	1,475	13,206
Total:	4,771	1,900	1,600	1,150	1,150	1,550	2,150	1,800	16,071

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Heavy Equipment Purchases

Project No:	MC-SU-C4116	BSL Code:	BC-SU-C410B
Project Type:	Ongoing	BSL Name:	Shared Cost Projects
Project Category:	New Investment	Location:	Various
Current Project Stage:	N/A	Council District:	Not Applicable
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This ongoing project provides SPU staff 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 job sites 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	18,854	2,376	3,658	3,638	3,757	3,586	3,762	3,881	43,512
Solid Waste Rates	10,193	2,018	1,520	1,194	2,307	1,398	2,094	1,336	22,060
Water Rates	18,228	4,521	2,874	2,944	3,070	2,793	2,568	3,390	40,387
Total:	47,275	8,915	8,052	7,776	9,134	7,777	8,424	8,607	105,959
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	18,854	2,376	3,658	3,638	3,757	3,586	3,762	3,881	43,512
Solid Waste Fund	10,193	2,018	1,520	1,194	2,307	1,398	2,094	1,336	22,060
Water Fund	18,228	4,521	2,874	2,944	3,070	2,793	2,568	3,390	40,387
Total:	47,275	8,915	8,052	7,776	9,134	7,777	8,424	8,607	105,959

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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1% for Arts

Project No:	MC-SU-C4118	BSL Code:	BC-SU-C410B
Project Type:	Ongoing	BSL Name:	Shared Cost Projects
Project Category:	New Investment	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing project provides 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 Arts project allow for the commission, purchase, and installation of art on 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	4,203	1,084	1,293	1,507	1,284	864	1,102	864	12,201
Solid Waste Rates	1,972	37	129	168	53	28	2	1	2,391
Water Rates	2,156	189	253	231	209	273	174	149	3,633
Total:	8,331	1,310	1,676	1,907	1,546	1,165	1,277	1,014	18,226
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	4,203	1,084	1,293	1,507	1,284	864	1,102	864	12,201
Solid Waste Fund	1,972	37	129	168	53	28	2	1	2,391
Water Fund	2,156	189	253	231	209	273	174	149	3,633
Total:	8,331	1,310	1,676	1,907	1,546	1,165	1,277	1,014	18,226

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Move Seattle

Project No:	MC-SU-C4119	BSL Code:	BC-SU-C410B
Project Type:	Ongoing	BSL Name:	Shared Cost Projects
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

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."

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
	-	-	-	-	-	-	-	-	-
Drainage and Wastewater Rates	3,553	28,088	18,020	17,967	21,550	15,064	10,802	6,034	121,078
Water Rates	4,125	17,425	17,524	24,766	34,204	13,240	12,084	12,030	135,399
Total:	7,679	45,513	35,544	42,732	55,753	28,304	22,886	18,064	256,476
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	3,553	28,088	18,020	17,967	21,550	15,064	10,802	6,034	121,078
Water Fund	4,125	17,425	17,524	24,766	34,204	13,240	12,084	12,030	135,399
Total:	7,679	45,513	35,544	42,732	55,753	28,304	22,886	18,064	256,476

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Emergency Storms Program

Project No:	MC-SU-C4120	BSL Code:	BC-SU-C410B
Project Type:	Ongoing	BSL Name:	Shared Cost Projects
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing project funds water and drainage & wastewater 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	1	100	-	-	-	-	-	-	101
Total:	1	100	-	-	-	-	-	-	101

Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	1	100	-	-	-	-	-	-	101
Total:	1	100	-	-	-	-	-	-	101

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Other Major Transportation Projects

Project No:	MC-SU-C4123	BSL Code:	BC-SU-C410B
Project Type:	Ongoing	BSL Name:	Shared Cost Projects
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing project funds 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	173	750	1,342	-	-	-	-	-	2,265
Water Rates	225	500	1,020	-	-	-	-	-	1,745
Total:	398	1,250	2,362	-	-	-	-	-	4,009
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	173	750	1,342	-	-	-	-	-	2,265
Water Fund	225	500	1,020	-	-	-	-	-	1,745
Total:	398	1,250	2,362	-	-	-	-	-	4,009

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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Streetcar Related Projects

Project No:	MC-SU-C4130	BSL Code:	BC-SU-C410B
Project Type:	Discrete	BSL Name:	Shared Cost Projects
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Multiple
Start/End Date:	2009 - 2030	Neighborhood District:	Multiple
Total Project Cost:	\$66,021	Urban Village:	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."

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
	-	-	-	-	-	-	-	-	-
Drainage and Wastewater Rates	3,789	3,277	42	838	3,577	701	-	-	12,224
Water Rates	14,483	11,415	31	8,855	15,271	3,743	-	-	53,798
Total:	18,272	14,692	73	9,692	18,847	4,444	-	-	66,021
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	3,789	3,277	42	838	3,577	701	-	-	12,224
Water Fund	14,483	11,415	31	8,855	15,271	3,743	-	-	53,798
Total:	18,272	14,692	73	9,692	18,847	4,444	-	-	66,021

O&M Impacts: Any O&M needed as a result of this project will be included and/or identified as part of SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Customer Contact & Billing

Project No:	MC-SU-C5402	BSL Code:	BC-SU-C510B
Project Type:	Ongoing	BSL Name:	Technology
Project Category:	Improved Facility	Location:	N/A
Current Project Stage:	N/A	Council District:	Not Applicable
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	103	3,998	943	537	430	430	430	430	7,302
Solid Waste Rates	38	2,833	759	187	150	150	150	150	4,416
Water Rates	101	4,965	957	525	420	420	420	420	8,228
Total:	242	11,796	2,658	1,249	1,000	1,000	1,000	1,000	19,946
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	103	3,998	943	537	430	430	430	430	7,302
Solid Waste Fund	38	2,833	759	187	150	150	150	150	4,416
Water Fund	101	4,965	957	525	420	420	420	420	8,228
Total:	242	11,796	2,658	1,249	1,000	1,000	1,000	1,000	19,946

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Enterprise Information Management

Project No:	MC-SU-C5403	BSL Code:	BC-SU-C510B
Project Type:	Ongoing	BSL Name:	Technology
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Not Applicable
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	16	1,038	570	1,075	860	860	860	860	6,138
Solid Waste Rates	5	150	94	375	300	300	300	300	1,824
Water Rates	55	682	263	1,050	840	840	840	840	5,409
Total:	76	1,870	926	2,500	2,000	2,000	2,000	2,000	13,372
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	16	1,038	570	1,075	860	860	860	860	6,138
Solid Waste Fund	5	150	94	375	300	300	300	300	1,824
Water Fund	55	682	263	1,050	840	840	840	840	5,409
Total:	76	1,870	926	2,500	2,000	2,000	2,000	2,000	13,372

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

IT Infrastructure

Project No:	MC-SU-C5404	BSL Code:	BC-SU-C510B
Project Type:	Ongoing	BSL Name:	Technology
Project Category:	Improved Facility	Location:	N/A
Current Project Stage:	N/A	Council District:	Not Applicable
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	559	632	300	730	730	730	730	730	5,140
Solid Waste Rates	194	231	113	263	263	263	263	263	1,850
Water Rates	729	675	338	758	758	758	758	758	5,528
Total:	1,481	1,537	750	1,750	1,750	1,750	1,750	1,750	12,518
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	559	632	300	730	730	730	730	730	5,140
Solid Waste Fund	194	231	113	263	263	263	263	263	1,850
Water Fund	729	675	338	758	758	758	758	758	5,528
Total:	1,481	1,537	750	1,750	1,750	1,750	1,750	1,750	12,518

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Project Delivery & Performance

Project No:	MC-SU-C5405	BSL Code:	BC-SU-C510B
Project Type:	Ongoing	BSL Name:	Technology
Project Category:	Improved Facility	Location:	N/A
Current Project Stage:	N/A	Council District:	Not Applicable
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	5,744	1,649	1,168	860	731	731	731	731	12,344
Solid Waste Rates	2,194	413	415	500	255	255	255	255	4,542
Water Rates	6,434	938	1,385	840	714	714	714	714	12,453
Total:	14,372	2,999	2,968	2,200	1,700	1,700	1,700	1,700	29,339
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	5,744	1,649	1,168	860	731	731	731	731	12,344
Solid Waste Fund	2,194	413	415	500	255	255	255	255	4,542
Water Fund	6,434	938	1,385	840	714	714	714	714	12,453
Total:	14,372	2,999	2,968	2,200	1,700	1,700	1,700	1,700	29,339

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Science & System Performance

Project No:	MC-SU-C5406	BSL Code:	BC-SU-C510B
Project Type:	Ongoing	BSL Name:	Technology
Project Category:	Improved Facility	Location:	N/A
Current Project Stage:	N/A	Council District:	Not Applicable
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	991	595	50	688	688	688	688	688	5,076
Solid Waste Rates	19	-	-	240	240	240	240	240	1,219
Water Rates	1,259	1,538	1,400	672	672	672	672	672	7,557
Total:	2,269	2,133	1,450	1,600	1,600	1,600	1,600	1,600	13,852
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	991	595	50	688	688	688	688	688	5,076
Solid Waste Fund	19	-	-	240	240	240	240	240	1,219
Water Fund	1,259	1,538	1,400	672	672	672	672	672	7,557
Total:	2,269	2,133	1,450	1,600	1,600	1,600	1,600	1,600	13,852

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Asset Information Management

Project No:	MC-SU-C5407	BSL Code:	BC-SU-C510B
Project Type:	Ongoing	BSL Name:	Technology
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Not Applicable
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Rates	348	1,275	1,188	860	860	860	860	860	7,112
Solid Waste Rates	93	457	330	300	300	300	300	300	2,380
Water Rates	264	1,104	929	840	840	840	840	840	6,498
Total:	706	2,836	2,447	2,000	2,000	2,000	2,000	2,000	15,989
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Drainage and Wastewater Fund	348	1,275	1,188	860	860	860	860	860	7,112
Solid Waste Fund	93	457	330	300	300	300	300	300	2,380
Water Fund	264	1,104	929	840	840	840	840	840	6,498
Total:	706	2,836	2,447	2,000	2,000	2,000	2,000	2,000	15,989

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Finance and Administrative Services

Overview

The Department of Finance and Administrative Services (FAS) Capital Improvement Program (CIP) is the department's blueprint for planning, replacing, maintaining, remodeling and upgrading FAS-managed facilities and IT infrastructure. These assets are used by City departments, as well as certain nonprofit organizations that serve the public, to deliver critical services to Seattle residents.

FAS' adopted CIP includes appropriations for ongoing capital programs and specific capital projects with multiyear durations. Multiyear projects are identified by multiple priorities, including City goals (e.g., greenhouse gas reduction, 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 year in conjunction with the annual budget process. The six-year FAS 2020-2025 CIP includes approximately \$82 million in funding for new and existing projects and programs.

Thematic Priorities

FAS is responsible for the operation and maintenance of approximately 3.2 million square feet of building space throughout the city, including municipal courts, 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' capital investments either improve or enhance the operational capacity of these mission-critical systems and facilities. FAS' 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 those funds are used exclusively to preserve, extend or replace failing and existing components such as roofs, windows, structures, electrical capacity, boilers or other systems at the end of their useful lives.
- **Life and safety issues** – High priority is given to projects intended to ensure continuity of service at facilities that provide emergency or other essential services (e.g., replacing generators near the end of their useful lives at essential facilities, such as police or fire stations). Projects that mitigate potential threats to human life and safety, such as 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 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. Substantial alterations may also require facility improvements mandated by the Americans with Disabilities Act (ADA), which meet the City's dual goals of compliance with federal requirements and provision of equitable access to all.
- **Race and Social Justice Initiative (RSJI)** – FAS integrates the City's social equity contracting requirements into all aspects of the execution of CIP projects. Women- and minority-owned business (WMBE) vendors, construction contractors and subcontractors may be contracted for design and construction work, furthering the City's goal to promote contracting with WMBE businesses. FAS works within the inclusion plan guidelines published by City Purchasing and Contracting Services for consultant, contracting and purchasing work. Additionally, Priority Hire, a

community workforce agreement (CWA) and apprenticeship rules for construction contracts over \$5 million furthers FAS' compliance with the City's community workforce goals and RSJI targets.

- **Sustainability** –Several City sustainability policies 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. FAS will continue to address new sustainability efforts, such as “Drive Clean Seattle” and the “2030 Challenge,” by proposing additional projects to reduce energy use and greenhouse gas emissions to meet sustainability goals.

Aligning Capital Investments with Growth and/or Community Planning

FAS' 2020-2025 Adopted CIP focuses primarily on preserving existing City assets and infrastructure, and not primarily on implementing modal or master community/area planning efforts. However, FAS CIP projects that do span city districts include implementing accessibility improvements on FAS properties and eliminating FAS' highest priority public-facing ADA barriers. Additionally, the development of additional electric vehicle charging stations will further the City's commitment to reducing greenhouse gases.

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 improve or enhance operational effectiveness or projects that preserve the City's capital assets. FAS 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 also seeks executive direction regarding projects that increase departments' operational capacity and other areas of opportunity to consider when planning the City's CIP priorities.

Asset preservation work is planned on a six-year cycle and evaluated for specific project development and execution. Department staff uses a custom database known as the Unifier Asset Management and Preservation System (Unifier), to maintain building-specific facilities condition indices and known building deficiencies in the more than 100 FAS-managed buildings.

Every year FAS revises the list of facility asset preservation projects that need to be addressed. This list is compiled from annually updated asset management data generated by building condition assessments, energy audits, performance metrics and other capital planning studies. Unifier allows FAS' various operational work units to collaborate in the scheduling and tracking of preventative maintenance activities. The system organizes tasks such as work-order management, facility maintenance, lease management and maintenance of property information. Elements that extend the useful life of improvements, increase tenant comfort and reduce utility bills are integrated into existing projects where feasible.

2020-2025 CIP Highlights:

FAS' 2020-2025 Adopted CIP includes funding adjustments over six years for existing capital projects and programs focused on asset preservation of FAS properties and infrastructure, improving accessibility to City resources and services and improvements to public safety facilities. Below are specific projects with funding adjustments:

Finance and Administrative Services

- **Seattle Municipal Tower Elevator Rehab** – As with much of the major system infrastructure in the Seattle Municipal Tower (SMT), the 30-year old elevators and their control systems are nearing the end of their useful lives. Design work for this program commenced in 2019, but, due to the magnitude and phasing requirements, this project will span multiple years. The current project estimate is \$30 million. A design milestone review concluding in the second quarter of 2020 will allow for a better alignment of scope and updated project cost estimate.
- **Americans with Disabilities Act (ADA) Improvements** – With FAS’ barrier removal database and execution strategies complete, FAS will begin implementing a multiyear program that eliminates barrier deficiencies in FAS properties to improve public access to City services and resources. FAS’ current cost estimate for the ADA projects through 2025 are \$17 million.

CIP Revenue Sources

The 2020-2025 Adopted CIP is supported by funding sources including limited tax general obligation (LTGO) bonds, REET I and space rent charges by FAS to City departments. This CIP uses LTGO bond funding to support the SMT Elevator Rehab Project, with related debt service to be paid from space rent charges by FAS to City departments. REET I funds will help address accessibility barriers to improve public access to City resources in 2020 and 2021, and for future debt payment for public safety facilities in 2022, 2023 and 2024.

Summary of Upcoming Budget Issues and Challenges

FAS’ most pressing CIP budget issues continue to involve the age and condition of many City-owned buildings and responding to federal, state and local code requirements and City sustainability goals, among other challenges. Below are specific programs and projects related to FAS budget challenges:

- **Asset preservation** – The FAS Asset Preservation Program, created by Ordinance [121642](#), dedicates funds derived from space rent to replace building systems in 100 City buildings inside and outside of the downtown core. The Asset Preservation (AP) Program has historically been funded at a level of \$4 million annually. This funding level is short of the annual funding level of \$12 million that FAS’ current models suggest to adequately address deficiencies and deferred major maintenance work, estimated at more than \$100 million. In 2019, additional REET I funding of \$2.5 million was added to the CIP. This is a significant step forward in allowing FAS to address asset preservation needs and has allowed additional projects such as the City Hall LED lighting upgrade work to be undertaken. FAS will continue to assess major maintenance needs and seek additional funding for larger projects when necessary. FAS will continue prioritizing available asset preservation funding on its most pressing infrastructure and/or operational needs and will likely seek additional funding starting 2021.
- **Accessible facilities** – FAS-managed facilities are occupied by City departments providing programs and services to the public. It continues to be a priority for FAS to ensure these facilities are accessible. After completion of the FAS Barrier Removal Transition Plan in 2018, FAS is developing a multiyear program to execute improvements in the priority facilities. The improvements will comply with the federal ADA for Title II facilities. The City continues to invest to achieve the goals outlined in the barrier removal transition plan.
- **Building, Energy and Land Use codes and City sustainability goals** – FAS remains a major partner to achieve the sustainability and environmental goals set forth by the City. FAS must continue to provide reliable, compliant and structurally sound facilities which are used by City departments and

Finance and Administrative Services

accessed by the public. These investments require diligence by FAS to incorporate strategies and evaluate cost effective methods which strive to achieve code compliance, energy efficiency and accessibility in the operations, maintenance and infrastructure improvements of its buildings.

- **Public safety** – The City has a number of immediate needs in FAS-managed public safety facilities. These include the Seattle Fire Department Headquarters, Seattle Police capacity in North Seattle, fire service in South Lake Union and necessary emergency management improvements at facilities across the city. The future of public safety response has been an ongoing priority for CIP planning, and will continue to be a central component of future CIP planning cycles.

Future Projects/What Is on the Horizon

City facilities must be accessible, reliable, well maintained and responsive to the needs of operating departments to ensure public safety and the delivery of critical services to customers. However, FAS faces a continued challenge in adequately funding asset preservation and major maintenance requirements at the City's aging facilities, including the 30-year old Seattle Municipal Tower, Seattle Fire Department (SFD) headquarters and FAS' shops and yards.

One such challenge relates to planning for public safety facilities overall, especially in the face of population growth and new economic development in Seattle. It remains a challenge to determine the relative priority of asset preservation work on existing public safety facilities (such as at the aging SFD Headquarters facility) compared to possible new public safety facility investments, such as acquiring or developing a new facility for SFD Headquarters, developing a first station in South Lake Union and improving or expanding facilities that serve the Seattle Police Department.

Another challenge is ensuring that capital projects are accurately budgeted and fully funded in the face of continued rising costs of construction. Furthermore, the City's public works requirements on capital projects have brought unique challenges to contractors bidding on public work. These requirements, such as a community workforce agreement, sustainability, energy efficiency, ADA and RSJI, have also increased project and related administration costs. FAS continues to work to find the balance of supporting these important policy goals while delivering capital projects on time and within budget.

City Council Changes to the Proposed CIP

During the budget process City Council created amended the Fire Station 31 Improvements (MC-FA-FS31MP) project, adding \$500,000 in REET funding to the project and renaming the project Fire Station 31 Temporary Station. This change reflects the funding required for a temporary facility to house firefighters while the City designs and constructs a new permanent site for Fire Station 31.

City Council Provisos to the CIP

There are no Council provisos.

Finance and Administrative Services

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
ADA Improvements (BC-FA-ADAIMPR)									
ADA Improvements - FAS (MC-FA-ADAIMPFAS)	1,871	1,246	750	2,250	2,750	2,750	2,750	2,750	17,118
ADA Improvements Total	1,871	1,246	750	2,250	2,750	2,750	2,750	2,750	17,118
Asset Preservation - Schedule 1 Facilities (BC-FA-APSCH1FAC)									
Asset Preservation - Schedule 1 Facilities (MC-FA- APSCH1FAC)	10,486	9,562	3,052	3,052	4,652	4,402	2,902	4,152	42,260
Seattle Municipal Tower Chiller Plant Replacement (MC-FA-SMTCHLRPL)	-	11,500	7,000	-	-	-	-	-	18,500
Seattle Municipal Tower Elevator Rehab (MC-FA- SMTELVHRB)	-	1,000	1,500	8,500	9,500	9,500	-	-	30,000
Asset Preservation - Schedule 1 Facilities Total	10,486	22,062	11,552	11,552	14,152	13,902	2,902	4,152	90,760
Asset Preservation - Schedule 2 Facilities (BC-FA-APSCH2FAC)									
Asset Preservation - Schedule 2 Facilities (MC-FA- APSCH2FAC)	8,549	4,145	4,848	3,448	1,848	4,098	3,098	3,848	33,882
Haller Lake Improvements (MC-FA-HALLERSW)	417	783	-	-	-	-	-	-	1,200
Asset Preservation - Schedule 2 Facilities Total	8,966	4,928	4,848	3,448	1,848	4,098	3,098	3,848	35,082
FAS Oversight-External Projects (BC-FA-EXTPROJ)									
Energy Efficiency for Municipal Buildings (MC-FA- ENEFFMBLD)	4,086	5,633	1,092	4,500	4,500	4,500	4,500	4,500	33,312
FAS Oversight-External Projects Total	4,086	5,633	1,092	4,500	4,500	4,500	4,500	4,500	33,312
FAS Project Delivery Services (BC-FA-FASPDS)									
City Facilities Project Delivery Services (MC-FA-CTYPDS)	2,086	5,914	-	-	-	-	-	-	8,000
Customer Requested Tenant Improvement Program (MC- FA-FASPDS)	2,324	13,176	3,500	3,500	3,500	3,500	3,500	3,500	36,500
FAS Project Delivery Services Total	4,409	19,091	3,500	3,500	3,500	3,500	3,500	3,500	44,500

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Garden of Remembrance (BC-FA-GARDENREM)									
Garden of Remembrance (MC-FA-GARDENREM)	433	28	29	30	31	32	33	33	650
Garden of Remembrance Total	433	28	29	30	31	32	33	33	650
General Government Facilities - General (BC-FA-GOVTFAC)									
ADA Improvements - Citywide (MC-FA- ADAIMPCTY)	835	500	-	-	-	-	-	-	1,335
Benaroya Hall Transforming Soundbridge (MC-FA- BENSNDDBG)	1,485	15	-	-	-	-	-	-	1,500
City Hall and Seattle Municipal Tower Tenant Improvements (MC-FA- CTYHLTIMP)	5,415	3,804	2,750	-	-	-	-	-	11,970
Civic Square (MC-FA- GFCIVSQ)	613	629	-	-	-	-	-	-	1,242
Customer Requested Tenant Improvement Program (MC- FA-CREQTIMP)	72,761	5,323	-	-	-	-	-	-	78,084
Drive Clean Seattle Fleet Electric Vehicle Infrastructure (MC-FA- DRVCLNFLT)	1,487	5,365	1,000	-	-	-	-	-	7,852
FAS Shelter Facilities (MC-FA- SHELTRFAC)	985	15	-	-	-	-	-	-	1,000
Fire Stations Ventilation Upgrades (MC-FA-SFDVENT)	179	1,331	1,110	180	-	-	-	-	2,800
Navigation Center (MC-FA- PRLWARNVC)	1,366	34	-	-	-	-	-	-	1,400
Seattle City Hall HVAC Improvements (MC-FA- CTYHLHVAC)	565	335	-	-	-	-	-	-	900
Seattle Municipal Courts (MC-FA-MUNICOURT)	1,163	140	140	-	-	-	-	-	1,443
Seattle Municipal Tower Facility Upgrades (MC-FA- SMTUPG)	327	1,664	-	-	-	-	-	-	1,991

*Amounts in thousands of dollars.

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Municipal Tower IDF Infrastructure Upgrades (MC-FA-SMTIDFINF)	1,963	537	-	-	-	-	-	-	2,500
General Government Facilities - General Total	89,144	19,693	5,000	180	-	-	-	-	114,017
Information Technology (BC-FA-A1IT)									
Electronic Records Management System (MC-FA-EMALARCH)	2,684	102	-	-	-	-	-	-	2,786
FAS Information Technology System Initiatives (MC-FA-ITSYSINIT)	-	1,333	1,470	500	-	-	-	-	3,303
SLIM Replacement (MC-FA-SLIMREPL)	271	129	-	-	-	-	-	-	400
Summit Re-Implementation (MC-FA-A1IT01)	77,373	6,061	-	-	-	-	-	-	83,433
Information Technology Total	80,327	7,624	1,470	500	-	-	-	-	89,922
Neighborhood Fire Stations (BC-FA-NBFIRE)									
Fire Station 32 (MC-FA-FFERFS32)	11,585	1,344	-	-	-	-	-	-	12,929
Fire Station Improvement Debt Service (MC-FA-FSDEBTSV)	35,626	3,413	3,387	3,397	3,397	3,388	3,385	3,385	59,378
Neighborhood Fire Stations Total	47,211	4,757	3,387	3,397	3,397	3,388	3,385	3,385	72,307
Preliminary Engineering (BC-FA-PRELIMENG)									
Facility Projects Planning (MC-FA-FACPRJPLN)	661	689	-	-	-	-	-	-	1,350
Preliminary Engineering Total	661	689	-	-	-	-	-	-	1,350
Publ Safety Facilities Police (BC-FA-PSFACPOL)									
Seattle Police Department North Area Interim and Long-Term Facilities (MC-FA-SPDNFAC)	778	10,322	-	-	-	-	-	-	11,100

*Amounts in thousands of dollars.

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Seattle Police Facilities (MC-FA-PFACNPCT)	4,325	1,035	-	-	-	-	-	-	5,361
Publ Safety Facilities Police Total	5,103	11,357	-	-	-	-	-	-	16,461
Public Safety Facilities Fire (BC-FA-PSFACFIRE)									
Fire Facilities South Lake Union (MC-FA-PSFSSLU)	69	931	-	-	-	-	-	-	1,000
Fire Station 31 Temporary Station (MC-FA-FS31IMP)	1,335	815	2,000	-	-	-	-	-	4,150
Fire Station 5 (MC-FA-FS5)	5,448	3,353	-	-	-	-	-	-	8,801
Fire Station 5 Relocation (MC-FA-FS5RELO)	686	1,893	-	-	-	-	-	-	2,579
Public Safety Facilities Fire Total	7,538	6,992	2,000	-	-	-	-	-	16,530
Seattle Public Safety Facilities Debt Service (BC-FA- SPSFDEBT)									
North Seattle Public Safety Facilities (MC-FA-SPSFDEBT)	-	-	-	-	4,600	11,700	12,200	17,250	45,750
Seattle Public Safety Facilities Debt Service Total	-	-	-	-	4,600	11,700	12,200	17,250	45,750
Finance and Administrative Services Total	260,237	104,103	33,629	29,357	34,778	43,870	32,368	39,418	577,758

*Amounts in thousands of dollars.

Finance and Administrative Services

Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
00100 - General Fund	372	354	-	-	-	-	-	-	726
00164 - Unrestricted Cumulative Reserve Fund	1,015	495	279	30	31	32	33	33	1,948
30010 - REET I Capital Fund	67,494	46,747	16,379	12,827	17,747	26,838	24,835	31,885	244,752
30020 - REET II Capital Fund	985	15	-	-	-	-	-	-	1,000
34200 - Muni Civic Ctr Non- Bond Fund	613	629	-	-	-	-	-	-	1,242
34440 - 2003 Fire Facilities Levy Fund	6,425	409	-	-	-	-	-	-	6,834
35700 - 2013 Multipurpose LTGO Bond Fund	5,886	-	-	-	-	-	-	-	5,886
36100 - 2014 Multipurpose LTGO Bond Fund	8,324	-	-	-	-	-	-	-	8,324
36200 - 2015 Multipurpose LTGO Bond Fund	1,785	102	-	-	-	-	-	-	1,887
36300 - 2016 Multipurpose LTGO Bond Fund	21,846	654	-	-	-	-	-	-	22,500
36400 - 2017 Multipurpose LTGO Bond Fund	12,118	5,182	-	-	-	-	-	-	17,300
36500 - 2018 Multipurpose LTGO Bond Fund	8,527	1,121	-	-	-	-	-	-	9,648
36600 - 2019 Multipurpose LTGO Bond Fund	-	4,833	-	-	-	-	-	-	4,833
36700 - 2020 Multipurpose LTGO Bond Fund	-	-	9,470	-	-	-	-	-	9,470
36800 - 2021 Multipurpose LTGO Bond Fund	-	-	-	500	-	-	-	-	500
37100 - 2023 Multipurpose LTGO Bond Fund	-	-	-	-	-	-	-	-	-
50300 - Finance and Administrative Services Fund	107,875	29,691	3,500	3,500	3,500	3,500	3,500	3,500	158,566

**Amounts in thousands of dollars.*

Finance and Administrative Services

Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
50322 - Facility Asset Preservation Fund	16,973	13,869	4,000	4,000	4,000	4,000	4,000	4,000	54,842
To Be Determined	-	-	-	8,500	9,500	9,500	-	-	27,500
Finance and Administrative Services Total	260,237	104,103	33,629	29,357	34,778	43,870	32,368	39,418	577,758

**Amounts in thousands of dollars.*

ADA Improvements - Citywide

Project No:	MC-FA-ADAIMPCTY	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	Multiple City facilities
Current Project Stage:	Stage 3 - Design	Council District:	Multiple
Start/End Date:	2012 - 2022	Neighborhood District:	Multiple
Total Project Cost:	\$1,335	Urban Village:	Multiple

ADA Improvements Citywide Project provides FAS technical assistance, consultant engagement and City policy work. 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	835	500	-	-	-	-	-	-	1,335
Total:	835	500	-	-	-	-	-	-	1,335
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	835	500	-	-	-	-	-	-	1,335
Total:	835	500	-	-	-	-	-	-	1,335

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

ADA Improvements - FAS

Project No:	MC-FA-ADAIMPFAS	BSL Code:	BC-FA-ADAIMPR
Project Type:	Ongoing	BSL Name:	ADA Improvements
Project Category:	Improved Facility	Location:	FAS facilities
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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. Future funding allows FAS to implement its long-term strategy that resolves the most critical public-facing ADA deficiencies first and maximizes accessibility to the greatest extent possible.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	1,871	1,246	750	2,250	2,750	2,750	2,750	2,750	17,118
Total:	1,871	1,246	750	2,250	2,750	2,750	2,750	2,750	17,118
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	1,871	1,246	750	2,250	2,750	2,750	2,750	2,750	17,118
Total:	1,871	1,246	750	2,250	2,750	2,750	2,750	2,750	17,118

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Asset Preservation - Schedule 1 Facilities

Project No:	MC-FA-APSCH1FAC	BSL Code:	BC-FA-APSCH1FAC
Project Type:	Ongoing	BSL Name:	Asset Preservation - Schedule 1 Facilities
Project Category:	Rehabilitation or Restoration	Location:	Multiple City facilities
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Department Space Allocation Charges	8,424	6,124	2,152	2,152	2,152	2,152	2,152	2,152	27,460
Real Estate Excise Tax I	2,062	3,438	900	900	2,500	2,250	750	2,000	14,800
Total:	10,486	9,562	3,052	3,052	4,652	4,402	2,902	4,152	42,260
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Facility Asset Preservation Fund	8,424	6,124	2,152	2,152	2,152	2,152	2,152	2,152	27,460
REET I Capital Fund	2,062	3,438	900	900	2,500	2,250	750	2,000	14,800
Total:	10,486	9,562	3,052	3,052	4,652	4,402	2,902	4,152	42,260

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Asset Preservation - Schedule 2 Facilities

Project No:	MC-FA-APSCH2FAC	BSL Code:	BC-FA-APSCH2FAC
Project Type:	Ongoing	BSL Name:	Asset Preservation - Schedule 2 Facilities
Project Category:	Rehabilitation or Restoration	Location:	Multiple City facilities
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Department Space Allocation Charges	8,549	2,745	1,848	1,848	1,848	1,848	1,848	1,848	22,382
Real Estate Excise Tax I	-	1,400	3,000	1,600	-	2,250	1,250	2,000	11,500
Total:	8,549	4,145	4,848	3,448	1,848	4,098	3,098	3,848	33,882
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Facility Asset Preservation Fund	8,549	2,745	1,848	1,848	1,848	1,848	1,848	1,848	22,382
REET I Capital Fund	-	1,400	3,000	1,600	-	2,250	1,250	2,000	11,500
Total:	8,549	4,145	4,848	3,448	1,848	4,098	3,098	3,848	33,882

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Benaroya Hall Transforming Soundbridge

Project No:	MC-FA-BENSNDDBG	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	1301 3rd Ave.
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 7
Start/End Date:	2017 - 2019	Neighborhood District:	Downtown
Total Project Cost:	\$1,500	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	1,485	15	-	-	-	-	-	-	1,500
Total:	1,485	15	-	-	-	-	-	-	1,500
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	1,485	15	-	-	-	-	-	-	1,500
Total:	1,485	15	-	-	-	-	-	-	1,500

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

City Facilities Project Delivery Services

Project No:	MC-FA-CTYPDS	BSL Code:	BC-FA-FASPDS
Project Type:	Ongoing	BSL Name:	FAS Project Delivery Services
Project Category:	Improved Facility	Location:	Multiple
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Interdepartmental Transfer	2,086	5,914	-	-	-	-	-	-	8,000
Total:	2,086	5,914	-	-	-	-	-	-	8,000
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Finance and Administrative Services Fund	2,086	5,914	-	-	-	-	-	-	8,000
Total:	2,086	5,914	-	-	-	-	-	-	8,000

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

City Hall and Seattle Municipal Tower Tenant Improvements

Project No:	MC-FA-CTYHLTIMP	BSL Code:	BC-FA-GOVTFAC
Project Type:	Ongoing	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	Multiple City Facilities
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Property Sales and Interest Earnings	299	-	-	-	-	-	-	-	299
Real Estate Excise Tax I	5,117	3,804	2,500	-	-	-	-	-	11,421
Street Vacations - CRSU	-	-	250	-	-	-	-	-	250
Total:	5,415	3,804	2,750	-	-	-	-	-	11,970
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	5,117	3,804	2,500	-	-	-	-	-	11,421
Unrestricted Cumulative Reserve Fund	299	-	250	-	-	-	-	-	549
Total:	5,415	3,804	2,750	-	-	-	-	-	11,970

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Civic Square

Project No:	MC-FA-GFCIVSQ	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	New Facility	Location:	600 3rd AVE
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 7
Start/End Date:	2009 - 2019	Neighborhood District:	Downtown
Total Project Cost:	\$1,242	Urban Village:	Downtown

This project provides for the City's project management and consultant costs associated with the City's involvement in the redevelopment of the former Public Safety Building site between James and Cherry Streets and Third and Fourth Avenues, the final project completing the Civic Center Master Plan

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Interdepartmental Transfer	613	629	-	-	-	-	-	-	1,242
Total:	613	629	-	-	-	-	-	-	1,242
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Bond Fund	613	629	-	-	-	-	-	-	1,242
Total:	613	629	-	-	-	-	-	-	1,242

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Customer Requested Tenant Improvement Program

Project No:	MC-FA-CREQTIMP	BSL Code:	BC-FA-GOVTFAC
Project Type:	Ongoing	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	Multiple City Facilities
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing project provides for pass-through budget authority for FAS to perform all customer department tenant improvement work as requested by city departments. Typical work may include, but is not limited to, project management services of all phases of a capital facility project including, predesign, programming, master planning, conceptual planning, architectural and engineering design, bid, permitting and construction administration.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
FAS Fund Balance	52,595	-	-	-	-	-	-	-	52,595
Interdepartmental Transfer	20,166	5,323	-	-	-	-	-	-	25,489
Total:	72,761	5,323	-	-	-	-	-	-	78,084
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Finance and Administrative Services Fund	72,761	5,323	-	-	-	-	-	-	78,084
Total:	72,761	5,323	-	-	-	-	-	-	78,084

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Customer Requested Tenant Improvement Program

Project No:	MC-FA-FASPDS	BSL Code:	BC-FA-FASPDS
Project Type:	Ongoing	BSL Name:	FAS Project Delivery Services
Project Category:	Improved Facility	Location:	Multiple
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Interdepartmental Transfer	2,324	13,176	3,500	3,500	3,500	3,500	3,500	3,500	36,500
Total:	2,324	13,176	3,500	3,500	3,500	3,500	3,500	3,500	36,500
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Finance and Administrative Services Fund	2,324	13,176	3,500	3,500	3,500	3,500	3,500	3,500	36,500
Total:	2,324	13,176	3,500	3,500	3,500	3,500	3,500	3,500	36,500

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Drive Clean Seattle Fleet Electric Vehicle Infrastructure

Project No:	MC-FA-DRVCLNFLT	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	Multiple
Current Project Stage:	Stage 3 - Design	Council District:	Multiple
Start/End Date:	2016 - 2020	Neighborhood District:	Multiple
Total Project Cost:	\$7,852	Urban Village:	Multiple

This project funds FAS's capital work efforts towards meeting the Drive Clean Seattle (DCS) initiative, a comprehensive transportation electrification strategy to transition Seattle's transportation sector from reliance on fossil fuels to the maximal use of clean, carbon-neutral electricity. Work 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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	1,487	5,365	1,000	-	-	-	-	-	7,852
Total:	1,487	5,365	1,000	-	-	-	-	-	7,852
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	1,487	5,365	1,000	-	-	-	-	-	7,852
Total:	1,487	5,365	1,000	-	-	-	-	-	7,852

O&M Impacts: FAS expects a temporary O&M cost increase for increased power usage as EV charging stations are utilized. FAS will develop a method for recovering costs from departments. Costs to departments will be offset by fuel savings.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Electronic Records Management System

Project No:	MC-FA-EMALARCH	BSL Code:	BC-FA-A1IT
Project Type:	Discrete	BSL Name:	Information Technology
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Multiple
Start/End Date:	2014 - 2018	Neighborhood District:	Multiple
Total Project Cost:	\$2,786	Urban Village:	Multiple

This project is a multi-year initiative to address a citywide need for an electronic records management system that will manage the retention of electronic records in all formats, provide efficient search and delivery tools for responding to business needs, public records requests and other legal matters, and allow direct online access to records of wide public interest. The project will begin with the replacement of the City's current email archiving system and be followed by additional phases expanding electronic records management capabilities.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	2,684	102	-	-	-	-	-	-	2,786
Total:	2,684	102	-	-	-	-	-	-	2,786
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2014 Multipurpose LTGO Bond Fund	1,286	-	-	-	-	-	-	-	1,286
2015 Multipurpose LTGO Bond Fund	1,398	102	-	-	-	-	-	-	1,500
Total:	2,684	102	-	-	-	-	-	-	2,786

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Energy Efficiency for Municipal Buildings

Project No:	MC-FA-ENEFFMBLD	BSL Code:	BC-FA-EXTPROJ
Project Type:	Ongoing	BSL Name:	FAS Oversight-External Projects
Project Category:	Improved Facility	Location:	Multiple City facilities
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	372	354	-	-	-	-	-	-	726
Property Sales and Interest Earnings	12	338	-	-	-	-	-	-	350
Real Estate Excise Tax I	3,702	4,941	1,092	4,500	4,500	4,500	4,500	4,500	32,236
Total:	4,086	5,633	1,092	4,500	4,500	4,500	4,500	4,500	33,312
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	372	354	-	-	-	-	-	-	726
REET I Capital Fund	3,702	4,941	1,092	4,500	4,500	4,500	4,500	4,500	32,236
Unrestricted Cumulative Reserve Fund	12	338	-	-	-	-	-	-	350
Total:	4,086	5,633	1,092	4,500	4,500	4,500	4,500	4,500	33,312

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Facility Projects Planning

Project No:	MC-FA-FACPRJPLN	BSL Code:	BC-FA-PRELIMENG
Project Type:	Ongoing	BSL Name:	Preliminary Engineering
Project Category:	Improved Facility	Location:	Multiple
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This on-going project funds architectural and engineering services including conceptual planning, design alternative development, and preliminary cost estimating for FAS capital projects and emergent Executive capital initiatives. Typical preliminary design and engineering work includes, but is not limited to, pre-design and analysis of project alternatives, cost estimates, test to fit studies, preliminary schedule development, engineering studies and code compliance, site development planning and conceptual design and financial analysis of capital improvements options in conjunction with FAS and CIP priorities, programs, and initiatives.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	661	689	-	-	-	-	-	-	1,350
Total:	661	689	-	-	-	-	-	-	1,350
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	661	689	-	-	-	-	-	-	1,350
Total:	661	689	-	-	-	-	-	-	1,350

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

FAS Information Technology System Initiatives

Project No:	MC-FA-ITSYSINIT	BSL Code:	BC-FA-A1IT
Project Type:	Ongoing	BSL Name:	Information Technology
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This project provides funding for FAS to implement information technology (IT) proposals, to replace existing FAS IT systems that are at the end of their useful lives, accommodate new programmatic and operational needs, and allow the department to function efficiently. FAS coordinates development and implementation of these proposals with the Seattle Information Technology Department. In 2019-2020, specific projects include replacing FAS' department-wide budget system, developing a new risk management information system, replacing the Seattle Animal Shelter's PetPoint system (used to manage various functions including licensing, case management, and enforcement), and assessing and replacing FAS' Capital Projects Information Management System.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	-	1,333	1,470	500	-	-	-	-	3,303
Total:	-	1,333	1,470	500	-	-	-	-	3,303
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2019 Multipurpose LTGO Bond Fund	-	1,333	-	-	-	-	-	-	1,333
2020 Multipurpose LTGO Bond Fund	-	-	1,470	-	-	-	-	-	1,470
2021 Multipurpose LTGO Bond Fund	-	-	-	500	-	-	-	-	500
Total:	-	1,333	1,470	500	-	-	-	-	3,303

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

FAS Shelter Facilities

Project No:	MC-FA-SHELTRFAC	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	800 Aloha St
Current Project Stage:	Stage 5 - Construction	Council District:	Council District 5, Multiple
Start/End Date:	2018 - 2019	Neighborhood District:	Downtown
Total Project Cost:	\$1,000	Urban Village:	Downtown

This project addresses the sheltering needs of the unsheltered homeless in Seattle by developing sheltering facilities and authorized encampments in support of the City’s Bridge Housing Investment Strategy to increase the supply of interim or “bridge” shelter and housing for people currently living unsheltered. The project supports costs related to acquiring or leasing property, as well as to design and construction of new facilities and improvements to existing facilities and properties.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax II	985	15	-	-	-	-	-	-	1,000
Total:	985	15	-	-	-	-	-	-	1,000
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET II Capital Fund	985	15	-	-	-	-	-	-	1,000
Total:	985	15	-	-	-	-	-	-	1,000

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fire Facilities South Lake Union

Project No:	MC-FA-PSFSSLU	BSL Code:	BC-FA-PSFACFIRE
Project Type:	Discrete	BSL Name:	Public Safety Facilities Fire
Project Category:	New Facility	Location:	TBD
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Multiple
Start/End Date:	2017 - 2019	Neighborhood District:	Lake Union
Total Project Cost:	\$1,000	Urban Village:	Multiple

This project provides for site evaluation and acquisition (and potential future design and construction) for a new Marine Emergency Response facility for a freshwater and land-based fire apparatus in the vicinity of the South Lake Union and Denny Triangle neighborhoods. Due to recent population growth in these neighborhoods, there is an ever-increasing need to site a new facility. Initial funding in 2018 supports the City's acquisition of a parcel and/or design and pre-planning costs. The total cost of developing the facility has not yet been determined.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	69	931	-	-	-	-	-	-	1,000
Total:	69	931	-	-	-	-	-	-	1,000
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	69	931	-	-	-	-	-	-	1,000
Total:	69	931	-	-	-	-	-	-	1,000

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fire Station 31 Temporary Station

Project No:	MC-FA-FS31IMP	BSL Code:	BC-FA-PSFACFIRE
Project Type:	Discrete	BSL Name:	Public Safety Facilities Fire
Project Category:	New Facility	Location:	1319 N Northgate Way
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 5
Start/End Date:	2019 - 2021	Neighborhood District:	Northwest
Total Project Cost:	\$4,150	Urban Village:	Aurora Licton Springs

This project provides resources to provide an interim location for Fire Station 31. The project includes leasing an interim site for the fire station, providing tents and trailers to house the fire fighters and equipment, and identifying a site for a permanent fire station.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	1,335	815	2,000	-	-	-	-	-	4,150
Total:	1,335	815	2,000	-	-	-	-	-	4,150

Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	1,335	815	2,000	-	-	-	-	-	4,150
Total:	1,335	815	2,000	-	-	-	-	-	4,150

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fire Station 32

Project No:	MC-FA-FFERPFS32	BSL Code:	BC-FA-NBHIRE
Project Type:	Discrete	BSL Name:	Neighborhood Fire Stations
Project Category:	Improved Facility	Location:	3715 SW Alaska St
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 1
Start/End Date:	2010 - 2019	Neighborhood District:	Southwest
Total Project Cost:	\$12,929	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	786	1,000	-	-	-	-	-	-	1,787
Real Estate Excise Tax I	4,373	341	-	-	-	-	-	-	4,714
Seattle Voter-Approved Levy	6,425	3	-	-	-	-	-	-	6,428
Total:	11,585	1,344	-	-	-	-	-	-	12,929
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2003 Fire Facilities Levy Fund	6,425	3	-	-	-	-	-	-	6,428
2015 Multipurpose LTGO Bond Fund	386	-	-	-	-	-	-	-	387
2018 Multipurpose LTGO Bond Fund	400	1,000	-	-	-	-	-	-	1,400
REET I Capital Fund	4,373	341	-	-	-	-	-	-	4,714
Total:	11,585	1,344	-	-	-	-	-	-	12,929

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fire Station 5

Project No:	MC-FA-FS5	BSL Code:	BC-FA-PSFACFIRE
Project Type:	Discrete	BSL Name:	Public Safety Facilities Fire
Project Category:	Improved Facility	Location:	925 Alaskan Way
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 7
Start/End Date:	2014 - 2019	Neighborhood District:	Downtown
Total Project Cost:	\$8,801	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Interdepartmental Transfer	51	191	-	-	-	-	-	-	242
LTGO Bond Proceeds	4,281	2,019	-	-	-	-	-	-	6,300
Real Estate Excise Tax I	1,116	1,143	-	-	-	-	-	-	2,259
Total:	5,448	3,353	-	-	-	-	-	-	8,801
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2016 Multipurpose LTGO Bond Fund	1,884	116	-	-	-	-	-	-	2,000
2017 Multipurpose LTGO Bond Fund	2,397	1,903	-	-	-	-	-	-	4,300
Finance and Administrative Services Fund	51	191	-	-	-	-	-	-	242
REET I Capital Fund	1,116	1,143	-	-	-	-	-	-	2,259
Total:	5,448	3,353	-	-	-	-	-	-	8,801

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fire Station 5 Relocation

Project No:	MC-FA-FS5RELO	BSL Code:	BC-FA-PSFACFIRE
Project Type:	Discrete	BSL Name:	Public Safety Facilities Fire
Project Category:	Improved Facility	Location:	925 Alaskan WAY
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 7
Start/End Date:	2014 - 2019	Neighborhood District:	Downtown
Total Project Cost:	\$2,579	Urban Village:	Downtown

This project provides for the coordination and costs associated with the relocations made necessary by the City's pier restructuring, seawall construction, viaduct demolition, and waterfront reconstruction projects. These projects will result in the relocation of both land and marine crews to temporary locations.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
FAS Fund Balance	686	1,893	-	-	-	-	-	-	2,579
Total:	686	1,893	-	-	-	-	-	-	2,579
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Finance and Administrative Services Fund	686	1,893	-	-	-	-	-	-	2,579
Total:	686	1,893	-	-	-	-	-	-	2,579

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fire Station Improvement Debt Service

Project No:	MC-FA-FSDEBTSV	BSL Code:	BC-FA-NBHFIRE
Project Type:	Debt Service	BSL Name:	Neighborhood Fire Stations
Project Category:	Improved Facility	Location:	N/A
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	2008 - 2037	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$91,588	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	35,626	3,413	3,387	3,397	3,397	3,388	3,385	3,385	59,378
Total:	35,626	3,413	3,387	3,397	3,397	3,388	3,385	3,385	59,378
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	35,626	3,413	3,387	3,397	3,397	3,388	3,385	3,385	59,378
Total:	35,626	3,413	3,387	3,397	3,397	3,388	3,385	3,385	59,378

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fire Stations Ventilation Upgrades

Project No:	MC-FA-SFDVENT	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	Rehabilitation or Restoration	Location:	Multiple
Current Project Stage:	Stage 3 - Design	Council District:	Multiple
Start/End Date:	2018 - 2022	Neighborhood District:	Multiple
Total Project Cost:	\$2,800	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	179	925	1,110	180	-	-	-	-	2,394
Seattle Voter-Approved Levy	-	406	-	-	-	-	-	-	406
Total:	179	1,331	1,110	180	-	-	-	-	2,800
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2003 Fire Facilities Levy Fund	-	406	-	-	-	-	-	-	406
REET I Capital Fund	179	925	1,110	180	-	-	-	-	2,394
Total:	179	1,331	1,110	180	-	-	-	-	2,800

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Garden of Remembrance

Project No:	MC-FA-GARDENREM	BSL Code:	BC-FA-GARDENREM
Project Type:	Ongoing	BSL Name:	Garden of Remembrance
Project Category:	Rehabilitation or Restoration	Location:	1301 3rd Ave.
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Property Sales and Interest Earnings	433	28	29	30	31	32	33	33	650
Total:	433	28	29	30	31	32	33	33	650
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Unrestricted Cumulative Reserve Fund	433	28	29	30	31	32	33	33	650
Total:	433	28	29	30	31	32	33	33	650

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Haller Lake Improvements

Project No:	MC-FA-HALLERSW	BSL Code:	BC-FA-APSCH2FAC
Project Type:	Ongoing	BSL Name:	Asset Preservation - Schedule 2 Facilities
Project Category:	Improved Facility	Location:	12600 Stone AVE N
Current Project Stage:	N/A	Council District:	Council District 5
Start/End Date:	N/A	Neighborhood District:	North
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This program addresses improvements at the Haller Lake complex. Work includes, but is not limited to, architectural and engineering services associated with predesign, programming, design and construction. This project includes funding to make minor capital improvements. The full extent of improvements needed will require operational modifications as well. There may be further capital work as operational modifications are implemented and other remediation measures are discovered.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
FAS Fund Balance	-	500	-	-	-	-	-	-	500
Real Estate Excise Tax I	417	283	-	-	-	-	-	-	700
Total:	417	783	-	-	-	-	-	-	1,200
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Finance and Administrative Services Fund	-	500	-	-	-	-	-	-	500
REET I Capital Fund	417	283	-	-	-	-	-	-	700
Total:	417	783	-	-	-	-	-	-	1,200

O&M Impacts: N/A

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Navigation Center

Project No:	MC-FA-PRLWARNVC	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	12th AVE S
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 3
Start/End Date:	2017 - 2019	Neighborhood District:	Downtown
Total Project Cost:	\$1,400	Urban Village:	Downtown

This project funds capital improvements at the Pearl Warren building in support of the creation of a Navigation Center. Work includes but is not limited to design, structural repair, electrical, plumbing, HVAC, and envelope repairs as required to create a safe and compliant facility suitable for occupancy.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
FAS Fund Balance	1,366	34	-	-	-	-	-	-	1,400
Total:	1,366	34	-	-	-	-	-	-	1,400
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Finance and Administrative Services Fund	1,366	34	-	-	-	-	-	-	1,400
Total:	1,366	34	-	-	-	-	-	-	1,400

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

North Seattle Public Safety Facilities

Project No:	MC-FA-SPSFDEBT	BSL Code:	BC-FA- SPSFDEBT
Project Type:	Ongoing	BSL Name:	Seattle Public Safety Facilities Debt Service
Project Category:	Improved Facility	Location:	Multiple
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This project provides funding for long term public safety facility needs in North Seattle. These funds are for planning, design, and possible construction of facilities, as well as potential debt service for larger bond funded projects. Due to the current age of both police and fire facilities, along with expected growth in Northgate and other areas in North Seattle, planning for future improvements is critical to maintaining emergency response.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	-	-	-	-	4,600	11,700	12,200	17,250	45,750
Total:	-	-	-	-	4,600	11,700	12,200	17,250	45,750
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	-	-	-	-	4,600	11,700	12,200	17,250	45,750
Total:	-	-	-	-	4,600	11,700	12,200	17,250	45,750

O&M Impacts:

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle City Hall HVAC Improvements

Project No:	MC-FA-CTYHLHVAC	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	600 Fourth AVE
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 7
Start/End Date:	2016 - 2019	Neighborhood District:	Downtown
Total Project Cost:	\$900	Urban Village:	Downtown

This project funds Heating Ventilation and Air Conditioning (HVAC) system improvements to Seattle City Hall. These improvements include, but are not limited to, updating the building control system and reconfiguration of existing systems.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	565	335	-	-	-	-	-	-	900
Total:	565	335	-	-	-	-	-	-	900
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	565	335	-	-	-	-	-	-	900
Total:	565	335	-	-	-	-	-	-	900

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Municipal Courts

Project No:	MC-FA-MUNICOURT	BSL Code:	BC-FA-GOVTFAC
Project Type:	Ongoing	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	600 5th AVE
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	1,163	140	140	-	-	-	-	-	1,443
Total:	1,163	140	140	-	-	-	-	-	1,443
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	1,163	140	140	-	-	-	-	-	1,443
Total:	1,163	140	140	-	-	-	-	-	1,443

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Municipal Tower Chiller Plant Replacement

Project No:	MC-FA-SMTCHLRPL	BSL Code:	BC-FA-APSCH1FAC
Project Type:	Discrete	BSL Name:	Asset Preservation - Schedule 1 Facilities
Project Category:	Rehabilitation or Restoration	Location:	700 Fifth AVE
Current Project Stage:	Stage 3 - Design	Council District:	Council District 7
Start/End Date:	2018 - 2020	Neighborhood District:	Downtown
Total Project Cost:	\$18,500	Urban Village:	Downtown

This project replaces the chiller plant in the Seattle Municipal Tower (SMT). The project will require a multi-year execution plan to allow for permitting, design, procurement and construction to occur during the windows of opportunity when cooling is not required. This highly technical, complex construction effort is a once-in-a generation endeavor. With a dwindling supply of spare parts for maintenance and repairs, it is no longer feasible to defer this critical work, and delaying the project would put FAS at risk of not being able to provide essential cooling to City of Seattle offices and other building tenants. Project costs shown here are exclusive of \$1 million expended on preliminary work on this project in 2018. Those funds are included in the Asset Preservation - Schedule 1 Facilities project (MC-FA-APSCH1FAC).

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Department Space Allocation Charges	-	5,000	-	-	-	-	-	-	5,000
LTGO Bond Proceeds	-	3,500	6,500	-	-	-	-	-	10,000
Real Estate Excise Tax I	-	3,000	500	-	-	-	-	-	3,500
Total:	-	11,500	7,000	-	-	-	-	-	18,500
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2019 Multipurpose LTGO Bond Fund	-	3,500	-	-	-	-	-	-	3,500
2020 Multipurpose LTGO Bond Fund	-	-	6,500	-	-	-	-	-	6,500
Facility Asset Preservation Fund	-	5,000	-	-	-	-	-	-	5,000
REET I Capital Fund	-	3,000	500	-	-	-	-	-	3,500
Total:	-	11,500	7,000	-	-	-	-	-	18,500

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Municipal Tower Elevator Rehab

Project No:	MC-FA-SMTELVHRB	BSL Code:	BC-FA-APSCH1FAC
Project Type:	Discrete	BSL Name:	Asset Preservation - Schedule 1 Facilities
Project Category:	Rehabilitation or Restoration	Location:	700 Fifth AVE
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 7
Start/End Date:	2019 - 2022	Neighborhood District:	Downtown
Total Project Cost Range:	28,000 - 32,000	Urban Village:	Downtown

This project will improve the operation, reliability, and system performance of the Seattle Municipal Tower (SMT) elevators. The work will bring the SMT elevators to current building codes and into compliance with Americans with Disabilities Act (ADA) requirements. This project is envisioned to be a multi-year effort that must be phased to minimize impacts on SMT ongoing building operations, and on the approximately 4,000 city staff who work in the building and the public who visit the SMT to access City services.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	-	-	1,500	-	-	-	-	-	1,500
Real Estate Excise Tax I	-	1,000	-	-	-	-	-	-	1,000
Total:	-	1,000	1,500	-	-	-	-	-	2,500
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2020 Multipurpose LTGO Bond Fund	-	-	1,500	-	-	-	-	-	1,500
REET I Capital Fund	-	1,000	-	-	-	-	-	-	1,000
Total:	-	1,000	1,500	-	-	-	-	-	2,500
Financial Planning Estimate:	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
To Be Determined	-	-	-	8,500	9,500	9,500	-	-	27,500
Total:	-	-	-	8,500	9,500	9,500	-	-	27,500

Financial Planning Strategy: The estimated cost to complete bid documents for this Design-Build contract is \$2,500,000, \$1,500,000 of which is funded with LTGO bonds. The remaining \$1,000,000 was funded with REET 1.

At 30% design FAS will reevaluate the total project cost and the financial planning strategy for the remaining costs of the project, which could include local funding and debt funding.

The current mid-point for the financial planning estimate is \$30,000,000 including the \$2,500,000 currently appropriated for design.

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Municipal Tower Facility Upgrades

Project No:	MC-FA-SMTUPG	BSL Code:	BC-FA-GOVTFAC
Project Type:	Ongoing	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	700 5th Ave.
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	327	1,664	-	-	-	-	-	-	1,991
Total:	327	1,664	-	-	-	-	-	-	1,991
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	327	1,664	-	-	-	-	-	-	1,991
Total:	327	1,664	-	-	-	-	-	-	1,991

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Municipal Tower IDF Infrastructure Upgrades

Project No:	MC-FA-SMTIDFINF	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	700 Fifth AVE
Current Project Stage:	Stage 3 - Design	Council District:	Council District 7
Start/End Date:	2015 - 2020	Neighborhood District:	Downtown
Total Project Cost:	\$2,500	Urban Village:	Downtown

This project provides electrical, cooling, and fire separation upgrades for 15 existing Intermediate Distribution Frame (IDF) rooms in the Seattle Municipal Tower (SMT) that house network, telephone and security systems. The resultant electrical and cooling capacity increases will allow the systems in the room to be upgraded now (in the case of Voice over IP phones) and in the future. In addition to these capacity infrastructure upgrades, fire separations will be established for the rooms. This project will enhance the reliability of the systems housed in the IDF rooms by improving the infrastructure that serves them and protecting the rooms from potential damage caused by events outside of the rooms.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
LTGO Bond Proceeds	1,963	537	-	-	-	-	-	-	2,500
Total:	1,963	537	-	-	-	-	-	-	2,500
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2016 Multipurpose LTGO Bond Fund	1,963	537	-	-	-	-	-	-	2,500
Total:	1,963	537	-	-	-	-	-	-	2,500

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Police Department North Area Interim and Long-Term Facilities

Project No:	MC-FA-SPDNFAC	BSL Code:	BC-FA-PSFACPOL
Project Type:	Discrete	BSL Name:	Publ Safety Facilities Police
Project Category:	New Investment	Location:	Multiple
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 5
Start/End Date:	2017 - 2019	Neighborhood District:	North
Total Project Cost:	\$11,100	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	778	10,322	-	-	-	-	-	-	11,100
Total:	778	10,322	-	-	-	-	-	-	11,100
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	778	10,322	-	-	-	-	-	-	11,100
Total:	778	10,322	-	-	-	-	-	-	11,100

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Police Facilities

Project No:	MC-FA-PFACNPCT	BSL Code:	BC-FA-PSFACPOL
Project Type:	Ongoing	BSL Name:	Publ Safety Facilities Police
Project Category:	New Investment	Location:	Various Police facilities
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Real Estate Excise Tax I	4,325	1,035	-	-	-	-	-	-	5,361
Total:	4,325	1,035	-	-	-	-	-	-	5,361

Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
REET I Capital Fund	4,325	1,035	-	-	-	-	-	-	5,361
Total:	4,325	1,035	-	-	-	-	-	-	5,361

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

SLIM Replacement

Project No:	MC-FA-SLIMREPL	BSL Code:	BC-FA-A1IT
Project Type:	Discrete	BSL Name:	Information Technology
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Multiple
Start/End Date:	2015 - 2018	Neighborhood District:	Multiple
Total Project Cost:	\$400	Urban Village:	Multiple

The Seattle License Information System (SLIM) manages the issuance and renewal of business licenses and the collection of revenue from fees and taxes. SLIM is now outdated and can no longer adequately meet the needs of expanding business license, tax collection, and enforcement processes and needs to be upgraded. Recommendations for a SLIM replacement will be considered as the Multi-City Business License and Tax Portal project is implemented.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Property Sales and Interest Earnings	271	129	-	-	-	-	-	-	400
Total:	271	129	-	-	-	-	-	-	400
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Unrestricted Cumulative Reserve Fund	271	129	-	-	-	-	-	-	400
Total:	271	129	-	-	-	-	-	-	400

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Summit Re-Implementation

Project No:	MC-FA-A1IT01	BSL Code:	BC-FA-A1IT
Project Type:	Discrete	BSL Name:	Information Technology
Project Category:	New Investment	Location:	700 5th Ave.
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Multiple
Start/End Date:	2013 - 2018	Neighborhood District:	Multiple
Total Project Cost:	\$83,433	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Interdepartmental Transfer	28,601	2,660	-	-	-	-	-	-	31,261
LTGO Bond Proceeds	48,772	3,401	-	-	-	-	-	-	52,172
Total:	77,373	6,061	-	-	-	-	-	-	83,433
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
2013 Multipurpose LTGO Bond Fund	5,886	-	-	-	-	-	-	-	5,886
2014 Multipurpose LTGO Bond Fund	7,038	-	-	-	-	-	-	-	7,038
2016 Multipurpose LTGO Bond Fund	18,000	-	-	-	-	-	-	-	18,000
2017 Multipurpose LTGO Bond Fund	9,721	3,279	-	-	-	-	-	-	13,000
2018 Multipurpose LTGO Bond Fund	8,127	121	-	-	-	-	-	-	8,248
Finance and Administrative Services Fund	28,601	2,660	-	-	-	-	-	-	31,261
Total:	77,373	6,061	-	-	-	-	-	-	83,433

O&M Impacts: N/A

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Information Technology

Seattle Information Technology Department

Overview

The Seattle Information Technology Department (Seattle IT) aims to be a best-in-class digital service delivery team for City of Seattle departments and the residents it serves. Seattle IT provides powerful technology solutions to the City and public; including, data, telephone, and radio networks; applications and application infrastructure; desktop, mobile and printing devices; cloud services; website and internet connections; television channel; data centers, servers, storage, and backup. Seattle IT also manages designated projects on behalf of the City, other departments, and regional partners.

Seattle IT's Capital Improvement Program (CIP) supports major maintenance, improvements, replacements and upgrades to the City's existing technology systems, as well as the development and implementation of new projects. Details for 2020 are provided in the following table.

CIP Program Name	2020 Adopted	Planned Spending
<i>Discrete Projects</i>		
Citywide Contract Management System	\$79,000	Replace multiple contract management systems in use across departments with one Citywide system.
Criminal Justice Information System Projects	\$10,000,000	Implement case management systems for agencies including Seattle Municipal Court, the Hearing Examiner and the City Attorney.
HRIS Replacement	\$604,000	Upgrade Seattle's current Human Resources Information System.
SMT Remodel- IT	\$2,300,000	Renovate several floors of the Seattle Municipal Tower to meet City office space standards.
<i>Ongoing CIP Programs</i>		
800 MHz Radio Network Program	\$687,000	Maintain radio network infrastructure and public safety radios.
Applications Development-SPD	\$2,675,000	Replace existing SPD computer-aided dispatch system and mobile application used by 911 and officers in the field.
Applications Development- SDOT	\$174,000	Replace the Seattle Department of Transportation's Budget System.
Computing Services Architecture	\$2,092,000	Computer equipment related to a new Unified Communication System (to replace the City's current telephone system) as well as routine equipment replacement and upgrades for servers, storage, and facility infrastructure.
Data & Telephone Infrastructure	\$8,843,000	Network equipment related to Unified Communication System and routine equipment replacement and upgrades.
Enterprise Computing	\$0	Enterprise Computing merged with Computing Services Architecture in a 2019 Supplemental Budget change.
Fiber-Optic Communication Installation & Maintenance	\$4,245,000	Fiber installation and maintenance.
IT Security	\$0	Transfer budget for the CIP project for systems upgrades and replacements to the Seattle IT operating budget.
Seattle Channel Maintenance & Upgrade	\$328,000	Equipment replacement and maintenance.
Technology Management Tools	\$0	Reduce budget for the CIP project to transfer the funds to the operating budget.
Department Total	\$32,027,000	

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CIP Revenue Sources

Seattle IT's CIP has been funded through a variety of revenue sources, including:

- **Rates and Allocations:** There are multiple services within the department that are cost-allocated based on a percentage of use for the service provided or billed directly to a department based on the actual cost of time and labor or quantity of materials provided. Seattle IT's adopted budget also includes some projects that are funded using proceeds from general obligation bonds. Rates and allocations provide the funds to repay the debt service on these bonds.
- **State and Federal Grants:** Federal and state grants have been used to finance system replacements and new capabilities. In some cases, Seattle IT has been the direct recipient of the funds; in others, Seattle IT has managed grant-funded projects for customers. The use of grant funding for the Seattle IT CIP has been intermittent.
- **Cable Franchise Fees:** Seattle IT collects Cable Franchise Fee revenues that are set in franchise agreements with the cable providers. Some of this revenue has been used to fund the CIP Program which supports the Seattle Channel. Cable Fees have historically provided less than 1% of Seattle IT's CIP program.
- **Reserves:** In some instances, Seattle IT's rates and allocations include the collection of funds which are accumulated and held in a reserve in Seattle IT's Fund balance. Currently, this is only done for the 800 MHz radio system, although it has been considered for other areas. Expenditures of these reserve funds appear in the Seattle IT CIP program. Historically, there is a low level of spending for ongoing Operations & Maintenance items with intermittent large expenditures associated with major replacements and upgrades.
- **Private Dollars:** In the past, Seattle IT projects have occasionally included funding from external non-public sources. Such instances are highly intermittent, usually for relatively small dollar value and not projected to continue at any appreciable level.
- **Levy:** In the past, Seattle IT received some CIP funding from a levy for the development, acquisition and installation of the 800 MHz emergency radio communication system. Going forward, the future replacement and upgrade of the county-wide radio system involves a new levy. Outside of that, no additional levy funding is anticipated.
- **Bonds & Future Bond Proceeds:** Seattle IT occasionally utilizes funding from City bond sale proceeds to implement significant capital projects in the CIP. Rates and allocations typically provide the funds to repay the debt service on these bonds.
- **Use of Fund Balance:** Seattle IT may use existing fund balance or planned carryforward to implement some projects in its CIP.
- **To Be Determined:** Occasionally, Seattle IT's CIP includes future projects for which a specific funding source has yet to be specified. These projects will not go forward unless and until funding is secured.

Seattle Information Technology Department

2020-2025 CIP Highlights

Seattle IT's 2020-2025 Adopted CIP Budget includes the following additions and modifications to CIP programs:

- Human Resources Information System (HRIS) Replacement Project (\$175,000) provides funding to upgrade HRIS, which supports the City's Payroll Processing, Human Resources, and Benefits Administration and Retirement Payroll. The adopted budget funds a scoping study for the project that includes an organizational assessment, current state and requirements documentation, a procurement strategy, and RFP development.
- Seattle Police Department (SPD) Applications Development (\$3,225,000) provides funds to support projects on behalf of SPD. The 2020-2025 Adopted CIP includes funding for the replacement of the existing SPD computer-aided dispatch system and mobile application used by 911 and by officers in the field.
- Data & Telephone Infrastructure (-\$500,000) funds maintenance, replacement, and upgrades of software and major hardware for the City's data and telephone systems. The 2020-2025 Adopted CIP transfers funds from the CIP to Seattle IT's operating budget to reflect an ongoing need for data network equipment replacements that are no longer appropriate for capitalization.
- The IT Security CIP (-\$919,800) was created to fund major upgrades and product implementations to enhance the security of the City of Seattle's networks and systems. With the shift in the technology environment to service-based (e.g. in the cloud versus hardware that is on premise), the enhancements and upgrades planned by Seattle IT to improve security no longer qualify as capital purchases and therefore should no longer be included in the CIP program. This budget change transfers the expenditure authority from the CIP to the Security operating budget to align with the nature of the spending.
- Seattle Channel Maintenance & Upgrade (-\$75,000) project funds equipment and equipment maintenance services for the Seattle Channel. The 2020-2025 Adopted CIP decreases the annual funding for this project to help mitigate decreasing revenues from the Cable Television Franchise Fund.
- Technology Management Tools (-\$2,977,000) project funds systems to support IT service and asset management. As part of Seattle IT's Technology Management Tools update and replacement program, a placeholder request for potential bond funding for a tools refresh was included in the 2020 Endorsed Budget. However, with the recent launch of its new Service HUB system and the increasing switch to cloud-based applications and toolsets, Seattle IT does not anticipate a need for capital funds for Technology Management Tools in 2020.

Thematic Priorities

Seattle IT's priorities are:

Priority 1: Connective and Collaborative

Enable collaboration by providing tools and information anytime, anywhere, from any device.

Priority 2: Efficient and Flexible

Provide business process and operations efficiencies that enable rapid response and technology changes while upholding fiscal responsibility.

Priority 3: Talent and Capabilities

Continuous investment in an inclusive and supportive workforce that keeps pace with a dynamic technology and business landscape.

Priority 4: Modern and Innovative

Further City priorities, including social justice and equity goals, through the acquisition and implementation of leading edge technology solutions and practices.

Priority 5: Reliable and Sustainable

Provide clients with ongoing practical, security and modern infrastructure, platforms and tools to support their business needs.

Priority 6: Privacy and Transparency

Respect privacy guidelines that apply to every part of the IT workplan as well as provide a clear picture of IT resources to stakeholders.

Project Selection Criteria

STEP 1: Identification of Technology Needs and Opportunities

In this step, needs and opportunities for technology investments are identified. This happens on a rolling basis throughout the year, as well as during the budget planning process. Input comes from multiple places, including:

- customer department requests and requirements (including technology plan alignment to department strategic plans);
- Seattle IT Strategic Agenda;
- technology roadmaps (updated annually);
- asset replacement schedules; and
- coordination with partners (regional efforts, vendor partners, etc.).

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This step includes development of initial cost estimates and other resource requirements, potential timing, and dependencies. At the completion of this step, potential projects are added to the Citywide IT Project Portfolio for tracking and consideration through Seattle IT's Project Gate Review process.

STEP 2: Identification of CIP and Non-Discretionary Projects

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; and
- the nature of the acquisition (e.g., goods, services, etc.).

Criteria for determining if they are non-discretionary include:

- legally mandated (e.g., debt service, federal or state law/regulation changes, court orders, etc.);
- urgent security or risk mitigation needs (e.g., major system failure, major security breach); and
- reimbursable services to others (e.g., Seattle IT manages a regional fiber consortium where the partners contract with/through us to get work done).

Projects which are determined to be non-discretionary are automatically moved forward for inclusion in our initial CIP and budget proposal. Discretionary projects proceed to Step 3. Regardless of discretionary status, project requests complete the Gate Review process to validate projects are established with the appropriate governance, value proposition and risk mitigation planning.

STEP 3: Prioritization of CIP-Appropriate Discretionary Projects

In this step, proposed investments are screened to determine if they are a match for Seattle IT's normal maintenance/upgrade/replacement programs within the CIP. Investments such as these tend to be smaller in scale (less than \$250,000), "like for like" replacements (e.g., old equipment replaced by new equipment with little to no functionality change), etc. These projects are rated by program managers based on criteria tailored to each program and implemented as annual funding allows.

Larger capital investments which are best implemented on a stand-alone basis due to the size and complexity of the project are evaluated and ranked separately based on the following criteria:

- asset preservation/replacement/maintenance;
- product lifecycles;
- legal requirements/mandates;
- security/risk mitigation;
- reimbursable from other sources (other depts. or outside entities, grants, reserves);
- dependencies (on other products, equipment, etc.; also, on staff/resource availability/long-term supportability);

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- internal customer demands (including capacity) – including Mayoral/Council/Mayor’s IT Subcabinet priority;
- external customer demands – public, businesses, etc.;
- external drivers (vendor changes, regional commitments, etc.);
- efficiency/effectiveness improvements/resource savings and return on investment; and
- key future trend/forward-looking/pro-active.

Summary of Upcoming Budget Issues and Challenges

- **Rapid and Major Changes in Technology.** The continued rapid rate of change in technology presents a major challenge for the City. User demands (both internal staff and constituents) around technology continue to grow as available functionality expands exponentially. New technologies provide new solutions and new opportunities, but at the same time they can initially disrupt productivity, require upfront costs, and impact security, privacy, and the governance landscape. Vendors regularly “de-certify” and stop supporting products the City relies upon, leaving the choice of spending significant amounts of money to upgrade to supported products or risk running important/critical City functions on unsupported platforms. At the same time, the method by which vendors deliver technology solutions is rapidly changing. Many vendors have moved or are moving away from delivering a software product to the City for installations on City servers; instead, they are offering cloud-based and hosted solutions that the City can access on a subscription basis. While offering many benefits, this changing delivery approach requires increased City investments in identity management, data integration, and contract management.
- **An Under-Investment in It Over Many Years, Duplication, and Limited Lifecycle Management.** Departments want to move fast to leverage new technologies before we have developed the platforms, teams, or culture to make this happen. Seattle IT must balance the competing objectives of doing things right and doing them right now.
- **Rationalization.** The City had a 15-year history of making technology decisions in the context of individual departments without referencing or considering efficiency or the costs to the City government as a whole. With the creation of the Seattle Information Technology Department, the City can now more clearly identify the duplication created from the historical approach to IT. Many systems in the City perform the same or similar functions, which results not only in higher upfront costs but duplicative, more expensive ongoing maintenance and operations. Planned and future investments are made in the context of application rationalization, seeking current and future initiatives which will allow the reduction of duplicative services and help reduce application spending.
- **Security and Privacy.** The security risks associated with technology continue to grow - the variety of threats from mobile devices, social media, compromised web sites, and other sources continues to multiply. Cloud services like Office 365 and the increased use of mobile devices offer a new set of security-related challenges. At the same time, the City collects and uses a vast and expanding amount of data on a regular basis. Some of this data contains personally identifiable information or may otherwise pose a privacy concern if exposed or if used in a manner inconsistent with public expectations. Emphasis is shifting away from end-point security to risk management of critical assets and assurance of identity. Preventive controls are no longer reliable, requiring a greater emphasis on the ability to locate and quickly remediate compromised technology.

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- **Public Expectation.** The public has high expectations for how government performs, including how technology is used to deliver efficient and accessible government services. Some Seattle residents are tech savvy while others still lack internet access. Generational differences also create different expectations regarding services. Investments in new technology-enabled government services must balance the needs of many audiences.

Future Projects/What Is on the Horizon

Seattle IT has identified several initiatives and issues which will need to be addressed at some point in the future.

- **Software Systems Which Require Replacement/Upgrades.** Prior to IT consolidation, the Department of Information Technology CIP did not include funds to cover replacement of large applications owned and operated by individual departments. Since consolidation, Seattle IT has “inherited” responsibility for many such systems, most of which did not come with any long-term replacement funding. Replacement and upgrades for systems owned and operating by Seattle Public Utilities and Seattle City Light are generally being funded out of their own CIP with Seattle IT acting as the service provider. However, funds for large applications and systems needing replacement are not comprehensively programmed into our CIP. Instead, Seattle IT will continue to address these needs on a case by case basis as the need arise.
- **Long-Term Major Upgrades to the Regional Radio System.** The City is part of a regional public safety radio system. The current technology platform is approaching phased obsolescence and needs to be replaced or upgraded in the next few years. The four co-owners of the existing system, including the City of 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 2020. Deployment of radios to end users is currently anticipated for 2021. The current CIP does not reflect the results of any potential changes related to the new system, as discussions regarding the long-term governance and operational support are still ongoing.
- **Infrastructure Systems Which Require Replacement/Upgrades.** Seattle IT’s CIP contains sufficient funding to cover routine replacement of lesser value items, especially those which occur every year (e.g., switches, mid-range servers, etc.). However, larger value, intermittent replacements are more difficult to fund within existing budget. These needs will continue to be addressed on a case by case basis as the need arises.

City Council Changes to Proposed CIP

City Council approved an action that is a correction to errata in Seattle IT’s CIP. The action reduces the LTGO Bonds and expenditure authority for the Computing Services Architecture project by \$705,000.

City Council Provisos to the CIP

There are no Council provisos.

Seattle Information Technology Department

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Capital Improvement Projects (BC-IT-C0700)									
800 MHz Radio Network Program (MC-IT-C3550)	17,936	7,159	687	705	723	742	761	-	28,713
Applications Development - Public Safety (MC-IT-C6307)	2,097	6,665	2,675	1,680	-	-	-	-	13,117
Applications Development- DPR (MC-IT-C6302)	-	2,221	-	-	-	-	-	-	2,221
Applications Development- FAS (MC-IT-C6310)	485	936	-	-	-	-	-	-	1,421
Applications Development- General Fund (MC-IT-C6300)	1,422	733	-	-	-	-	-	-	2,155
Applications Development- SDOT (MC-IT-C6306)	2,114	4,411	174	-	-	-	-	-	6,698
Citywide Contract Management System (MC-IT-C6311)	11	3,160	79	-	-	-	-	-	3,250
Computing Services Architecture (MC-IT-C3201)	15,915	5,796	2,092	1,661	1,082	1,110	1,143	-	28,800
Criminal Justice Information System Projects (MC-IT-C6304)	3,463	8,886	10,000	10,000	10,076	-	-	-	42,425
Data Analytics Platform - Seattle Police Department (MC-IT-C9502)	11,782	1,346	-	-	-	-	-	-	13,128
Data and Telephone Infrastructure (MC-IT-C3500)	24,349	11,774	8,843	7,040	3,446	1,693	1,746	-	58,891
Enterprise Computing (MC-IT-C3200)	6,644	(0)	-	-	-	-	-	-	6,644
Fiber-Optic Communication Installation and Maintenance (MC-IT-C3600)	37,460	7,320	4,245	4,356	4,468	4,582	4,702	-	67,133
Human Resources Information System Replacement Project (MC-IT-C6303)	152	3,831	604	1,700	-	-	-	-	6,288
IT Security (MC-IT-C5100)	636	279	(0)	-	-	-	0	-	915
Next Generation Data Center (MC-IT-C9503)	39,416	582	-	11,896	2,482	-	-	-	54,377

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Seattle Information Technology Department

Project Summary

Project Name & ID	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Permit System Integration (MC-IT-C6305)	3,016	4,939	-	-	-	-	-	-	7,956
Public Safety Tech Equipment (MC-IT-C9301)	-	7,050	-	-	-	-	-	-	7,050
Seattle Channel Maintenance and Upgrade (MC-IT-C4400)	2,891	425	328	337	345	354	363	-	5,044
Seattle Municipal Tower Remodel - IT (MC-IT-C9501)	6,672	6,482	2,300	-	-	-	-	-	15,454
SPD Body Worn Video (MC- IT-C9300)	2,597	1,463	-	-	-	-	-	-	4,060
Technology Management Tools (MC-IT-C9500)	3,880	624	(0)	-	-	-	-	-	4,504
Workers' Compensation System Replacement Project (MC-IT-C6309)	358	799	-	-	-	-	-	-	1,157
Capital Improvement Projects Total	183,296	86,884	32,028	39,375	22,623	8,481	8,716	-	381,402
Seattle Information Technology Department Total	183,296	86,884	32,028	39,375	22,623	8,481	8,716	-	381,402

*Amounts in thousands of dollars.

2020 - 2025 Adopted Capital Improvement Program

Seattle Information Technology Department

Fund Summary

Fund Code & Name	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
50410 - Information Technology Fund	183,296	86,884	32,028	39,375	22,623	8,481	8,716	-	381,402
Seattle Information Technology Department Total	183,296	86,884	32,028	39,375	22,623	8,481	8,716	-	381,402

**Amounts in thousands of dollars.*

800 MHz Radio Network Program

Project No:	MC-IT-C3550	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th Ave / Various
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Internal Service Fees and Allocations, Outside Funding Partners	17,936	7,159	687	705	723	742	761	-	28,713
Total:	17,936	7,159	687	705	723	742	761	-	28,713
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	17,936	7,159	687	705	723	742	761	-	28,713
Total:	17,936	7,159	687	705	723	742	761	-	28,713

O&M Impacts: This CIP project represents ongoing capital purchases to support our operating shared services projects. Ongoing impacts are built into Seattle IT’s budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Applications Development - Public Safety

Project No:	MC-IT-C6307	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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. In the 2018 budget process, Council adopted a proviso on SPD's Record Management System (RMS) project which is described in the Department Overview section.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	535	5,522	2,675	1,680	-	-	-	-	10,412
Internal Service Fees and Allocations, Outside Funding Partners	468	1,143	-	-	-	-	-	-	1,611
LTGO Bond Proceeds	1,094	-	-	-	-	-	-	-	1,094
Total:	2,097	6,665	2,675	1,680	-	-	-	-	13,117
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	2,097	6,665	2,675	1,680	-	-	-	-	13,117
Total:	2,097	6,665	2,675	1,680	-	-	-	-	13,117

O&M Impacts: This CIP project represents multiple projects on behalf of Seattle Police Department and Seattle Fire Department. Each of these projects has their own ongoing impacts.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Applications Development- DPR

Project No:	MC-IT-C6302	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	-	2,221	-	-	-	-	-	-	2,221
Total:	-	2,221	-	-	-	-	-	-	2,221
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	-	2,221	-	-	-	-	-	-	2,221
Total:	-	2,221	-	-	-	-	-	-	2,221

O&M Impacts: This CIP project represents multiple projects on behalf of the Department of Parks and Recreation. Each of these projects has their own ongoing impacts.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Applications Development- FAS

Project No:	MC-IT-C6310	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th Ave
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This project provides funds to develop and implement software applications used by the Department of Finance and Administrative Services (FAS), including a system to (1) assess and collect the Short-term Rental Tax; and (2) to administer and enforce the short-term license regulatory license requirements.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	485	936	-	-	-	-	-	-	1,421
Total:	485	936	-	-	-	-	-	-	1,421
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	485	936	-	-	-	-	-	-	1,421
Total:	485	936	-	-	-	-	-	-	1,421

O&M Impacts: This CIP project represents multiple projects on behalf of the Department of Finance and Administrative Services. Each of these projects has their own ongoing impacts.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Applications Development- General Fund

Project No:	MC-IT-C6300	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	1,422	733	-	-	-	-	-	-	2,155
Total:	1,422	733	-	-	-	-	-	-	2,155
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	1,422	733	-	-	-	-	-	-	2,155
Total:	1,422	733	-	-	-	-	-	-	2,155

O&M Impacts: This CIP project represents multiple projects on behalf of the General Fund. Each of these projects has their own ongoing impacts.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Applications Development- SDOT

Project No:	MC-IT-C6306	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	1,011	3,717	-	-	-	-	-	-	4,728
Internal Service Fees and Allocations, Outside Funding Partners	1,103	694	174	-	-	-	-	-	1,970
Total:	2,114	4,411	174	-	-	-	-	-	6,698
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	2,114	4,411	174	-	-	-	-	-	6,698
Total:	2,114	4,411	174	-	-	-	-	-	6,698

O&M Impacts: This CIP project represents multiple projects on behalf of Seattle Department of Transportation. Each of these projects has their own ongoing impacts.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Citywide Contract Management System

Project No:	MC-IT-C6311	BSL Code:	BC-IT-C7000
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 3
Start/End Date:	2017 - 2020	Neighborhood District:	Downtown
Total Project Cost:	\$3,250	Urban Village:	Downtown

This project funds the development and implementation of a new Citywide solution for contracts management.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Internal Service Fees and Allocations, Outside Funding Partners	11	3,160	79	-	-	-	-	-	3,250
Total:	11	3,160	79	-	-	-	-	-	3,250
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	11	3,160	79	-	-	-	-	-	3,250
Total:	11	3,160	79	-	-	-	-	-	3,250

O&M Impacts: Not enough information at this stage of the project. Expected completion 2021.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Computing Services Architecture

Project No:	MC-IT-C3201	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Internal Service Fees and Allocations, Outside Funding Partners	15,915	3,930	992	1,055	1,082	1,110	1,143	-	25,228
LTGO Bond Proceeds	-	1,866	1,100	606	-	-	-	-	3,572
Total:	15,915	5,796	2,092	1,661	1,082	1,110	1,143	-	28,800
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	15,915	5,796	2,092	1,661	1,082	1,110	1,143	-	28,800
Total:	15,915	5,796	2,092	1,661	1,082	1,110	1,143	-	28,800

O&M Impacts: This CIP project represents ongoing capital purchases to support our operating shared services projects. Ongoing impacts are built into Seattle IT's budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Criminal Justice Information System Projects

Project No:	MC-IT-C6304	BSL Code:	BC-IT-C7000
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Council District 3
Start/End Date:	2016 - 2022	Neighborhood District:	Downtown
Total Project Cost:	\$42,425	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	-	768	-	-	-	-	-	-	768
LTGO Bond Proceeds	3,463	8,118	10,000	10,000	10,076	-	-	-	41,657
Total:	3,463	8,886	10,000	10,000	10,076	-	-	-	42,425
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	3,463	8,886	10,000	10,000	10,076	-	-	-	42,425
Total:	3,463	8,886	10,000	10,000	10,076	-	-	-	42,425

O&M Impacts: Not enough information at this Stage. Expected completion 2022.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Data Analytics Platform - Seattle Police Department

Project No:	MC-IT-C9502	BSL Code:	BC-IT-C7000
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Council District 3
Start/End Date:	2016 - 2018	Neighborhood District:	Downtown
Total Project Cost:	\$13,128	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	1,041	1,346	-	-	-	-	-	-	2,387
Internal Service Fees and Allocations, Outside Funding Partners	5,541	-	-	-	-	-	-	-	5,541
Parking Garage Disposition Proceeds	5,200	-	-	-	-	-	-	-	5,200
Total:	11,782	1,346	-	-	-	-	-	-	13,128
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	11,782	1,346	-	-	-	-	-	-	13,128
Total:	11,782	1,346	-	-	-	-	-	-	13,128

O&M Impacts: This project is now complete.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Data and Telephone Infrastructure

Project No:	MC-IT-C3500	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th Ave/Variou
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This ongoing project provides funds to maintain, replace, and upgrade software and major hardware for the City's data and telephone switching systems.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Internal Service Fees and Allocations, Outside Funding Partners	24,349	7,389	1,568	1,609	1,651	1,693	1,746	-	40,005
LTGO Bond Proceeds	-	4,385	7,275	5,431	1,795	-	-	-	18,886
Total:	24,349	11,774	8,843	7,040	3,446	1,693	1,746	-	58,891
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	24,349	11,774	8,843	7,040	3,446	1,693	1,746	-	58,891
Total:	24,349	11,774	8,843	7,040	3,446	1,693	1,746	-	58,891

O&M Impacts: This CIP project represents ongoing capital purchases to support our operating shared services projects. Ongoing impacts are built into Seattle IT's budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Enterprise Computing

Project No:	MC-IT-C3200	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This ongoing project provides for expansion and replacement of the City's enterprise class server, enterprise class storage and mid-range class storage.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Internal Service Fees and Allocations, Outside Funding Partners	399	-	-	-	-	-	-	-	399
LTGO Bond Proceeds	6,245	-	-	-	-	-	-	-	6,245
Total:	6,644	-	-	-	-	-	-	-	6,644
Fund Appropriations / Allocations ¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	6,644	-	-	-	-	-	-	-	6,644
Total:	6,644	-	-	-	-	-	-	-	6,644

O&M Impacts: This CIP project represents ongoing capital purchases to support our operating shared services projects. Ongoing impacts are built into Seattle IT's budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Fiber-Optic Communication Installation and Maintenance

Project No:	MC-IT-C3600	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	VARIOUS
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Internal Service Fees and Allocations, Outside Funding Partners	37,460	7,320	4,245	4,356	4,468	4,582	4,702	-	67,133
Total:	37,460	7,320	4,245	4,356	4,468	4,582	4,702	-	67,133
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	37,460	7,320	4,245	4,356	4,468	4,582	4,702	-	67,133
Total:	37,460	7,320	4,245	4,356	4,468	4,582	4,702	-	67,133

O&M Impacts: This CIP project represents ongoing capital purchases to support our operating shared services projects. Ongoing impacts are built into Seattle IT's budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Human Resources Information System Replacement Project

Project No:	MC-IT-C6303	BSL Code:	BC-IT-C7000
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 3
Start/End Date:	2017 - 2021	Neighborhood District:	Downtown
Total Project Cost:	\$6,288	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	148	(148)	175	1,700	-	-	-	-	1,875
Internal Service Fees and Allocations, Outside Funding Partners	4	1,996	-	-	-	-	-	-	2,000
Use of Fund Balance	-	1,984	429	-	-	-	-	-	2,413
Total:	152	3,831	604	1,700	-	-	-	-	6,288
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	152	3,831	604	1,700	-	-	-	-	6,288
Total:	152	3,831	604	1,700	-	-	-	-	6,288

O&M Impacts: Not enough information at this stage of the project. Expected completion 2021.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

IT Security

Project No:	MC-IT-C5100	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This ongoing project provides funds to acquire, maintain, replace and upgrade software and hardware for the City’s IT security systems.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Internal Service Fees and Allocations, Outside Funding Partners	636	279	-	-	-	-	-	-	915
Total:	636	279	-	-	-	-	-	-	915
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	636	279	-	-	-	-	-	-	915
Total:	636	279	-	-	-	-	-	-	915

O&M Impacts: Seattle IT is proposing to end this CIP project in 2020.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Next Generation Data Center

Project No:	MC-IT-C9503	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th Ave / Various
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Internal Service Fees and Allocations, Outside Funding Partners	4,742	357	-	-	-	-	-	-	5,099
LTGO Bond Proceeds	34,496	-	-	11,896	2,482	-	-	-	48,875
Use of Fund Balance	178	225	-	-	-	-	-	-	403
Total:	39,416	582	-	11,896	2,482	-	-	-	54,377
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	39,416	582	-	11,896	2,482	-	-	-	54,377
Total:	39,416	582	-	11,896	2,482	-	-	-	54,377

O&M Impacts: This CIP project represents ongoing capital purchases to support our operating shared services projects. Ongoing impacts are built into Seattle IT's budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Permit System Integration

Project No:	MC-IT-C6305	BSL Code:	BC-IT-C7000
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Council District 3
Start/End Date:	2017 - 2021	Neighborhood District:	Downtown
Total Project Cost:	\$7,956	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	2,112	4,939	-	-	-	-	-	-	7,052
Internal Service Fees and Allocations, Outside Funding Partners	904	-	-	-	-	-	-	-	904
Total:	3,016	4,939	-	-	-	-	-	-	7,956
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	3,016	4,939	-	-	-	-	-	-	7,956
Total:	3,016	4,939	-	-	-	-	-	-	7,956

O&M Impacts: Not enough information at this Stage. Expected completion 2021.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Public Safety Tech Equipment

Project No:	MC-IT-C9301	BSL Code:	BC-IT-C7000
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th Ave
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 3
Start/End Date:	2019 - 2020	Neighborhood District:	Downtown
Total Project Cost:	\$7,050	Urban Village:	Downtown

This project provides funds to maintain, replace, and upgrade technology equipment for the City's public safety departments.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Internal Service Fees and Allocations, Outside Funding Partners	-	914	-	-	-	-	-	-	914
LTGO Bond Proceeds	-	5,415	-	-	-	-	-	-	5,415
Use of Fund Balance	-	721	-	-	-	-	-	-	721
Total:	-	7,050	-	-	-	-	-	-	7,050

Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	-	7,050	-	-	-	-	-	-	7,050
Total:	-	7,050	-	-	-	-	-	-	7,050

O&M Impacts: This CIP project represents multiple projects on behalf of Public Safety. Each of these projects has their own ongoing impacts.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Channel Maintenance and Upgrade

Project No:	MC-IT-C4400	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	600 4th AVE
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This ongoing project provides funds to maintain, replace, and upgrade the cablecasting and production systems for the Seattle Channel.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Internal Service Fees and Allocations, Outside Funding Partners	2,891	425	328	337	345	354	363	-	5,044
Total:	2,891	425	328	337	345	354	363	-	5,044
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	2,891	425	328	337	345	354	363	-	5,044
Total:	2,891	425	328	337	345	354	363	-	5,044

O&M Impacts: This CIP project represents ongoing capital purchases to support our operating shared services projects. Ongoing impacts are built into Seattle IT's budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Seattle Municipal Tower Remodel - IT

Project No:	MC-IT-C9501	BSL Code:	BC-IT-C7000
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	Improved Facility	Location:	700 5th AVE
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Council District 3
Start/End Date:	2016 - 2020	Neighborhood District:	Downtown
Total Project Cost:	\$15,454	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Internal Service Fees and Allocations, Outside Funding Partners	4,291	2,497	1,300	-	-	-	-	-	8,088
LTGO Bond Proceeds	1,855	3,031	1,000	-	-	-	-	-	5,885
Use of Fund Balance	527	954	-	-	-	-	-	-	1,481
Total:	6,672	6,482	2,300	-	-	-	-	-	15,454
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	6,672	6,482	2,300	-	-	-	-	-	15,454
Total:	6,672	6,482	2,300	-	-	-	-	-	15,454

O&M Impacts: No O&M Impacts for 2020-2025 Budget.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

SPD Body Worn Video

Project No:	MC-IT-C9300	BSL Code:	BC-IT-C7000
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 3
Start/End Date:	2016 - 2018	Neighborhood District:	Downtown
Total Project Cost:	\$4,060	Urban Village:	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.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Federal Grant Funds	516	-	-	-	-	-	-	-	516
General Fund	2,080	1,463	-	-	-	-	-	-	3,544
Total:	2,597	1,463	-	-	-	-	-	-	4,060
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	2,597	1,463	-	-	-	-	-	-	4,060
Total:	2,597	1,463	-	-	-	-	-	-	4,060

O&M Impacts: This project is now complete.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Technology Management Tools

Project No:	MC-IT-C9500	BSL Code:	BC-IT-C7000
Project Type:	Ongoing	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Council District 3
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This ongoing project provides funds to acquire, maintain, replace, and upgrade software tools to manage the City's technology systems.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Internal Service Fees and Allocations, Outside Funding Partners	1,118	624	-	-	-	-	-	-	1,742
LTGO Bond Proceeds	2,762	-	-	-	-	-	-	-	2,762
Total:	3,880	624	-	-	-	-	-	-	4,504
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	3,880	624	-	-	-	-	-	-	4,504
Total:	3,880	624	-	-	-	-	-	-	4,504

O&M Impacts: Seattle IT is moving this project to its operating budget in 2020.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Workers' Compensation System Replacement Project

Project No:	MC-IT-C6309	BSL Code:	BC-IT-C7000
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 3
Start/End Date:	2017 - 2020	Neighborhood District:	Downtown
Total Project Cost:	\$1,157	Urban Village:	Downtown

This project funds the development and implementation of an improved worker's compensation system.

Resources	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
General Fund	326	799	-	-	-	-	-	-	1,125
Internal Service Fees and Allocations, Outside Funding Partners	32	-	-	-	-	-	-	-	32
Total:	358	799	-	-	-	-	-	-	1,157
Fund Appropriations / Allocations¹	LTD Actuals	2019 Revised	2020	2021	2022	2023	2024	2025	Total
Information Technology Fund	358	799	-	-	-	-	-	-	1,157
Total:	358	799	-	-	-	-	-	-	1,157

O&M Impacts: Not enough information at this Stage. Expected completion 2019.

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars

Appendices

Appendix A: New or Expanded Capital Facilities

Department of Finance and Administrative Services

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
ADA Improvement - FAS	MC-FA-ADAIMPFAS	This is an Asset Preservation project and has no requirements under the Growth Management Act (GMA).	Multiple City facilities	\$ 750
Seattle Municipal Courts	MC-FA-MUNICOURT	This is an Asset Preservation project and has no requirements under the Growth Management Act (GMA).	600 5th AVE	\$ 140

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Advanced Metering Infrastructure	MC-CL-ZS8426	<p>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 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 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.</p>	Citywide	\$ -

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Alaskan Way Viaduct and Seawall Replacement - Utility Relocs	MC-CL-ZT8307	<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 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 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.</p>	SR 99 / Battery St	\$ 21,959

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Boundary Powerhouse Generator Step-up Transformer Replacement	MC-CL-XB6493	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.	10382 Boundary Rd, Metaline, WA 99153	\$ 7,635

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Broad Street Substation - Network	MC-CL-YN8203	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 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. 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.	319 6th AVE N	\$ 4,472
Citywide Under-grounding Initiative - City Light	MC-CL-ZL8403	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	System wide	\$ 10
Creston-Nelson to Intergate East Feeder Installation	MC-CL-ZO8430	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	Tukwila	\$ 315

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Denny Substation - Network	MC-CL-YN8404	Rationale: This project is a result of a four years of advocacy by customers to make sure that the electrical distribution system has sufficient capacity to meet the projected loads in the rapidly growing area of North Downtown, and that the system has the reliability and voltage stability to support the research activities of the emerging biotech industry there. The principal stakeholders are the Fred Hutchinson Cancer Research Center, the UW School of Medicine, the Seattle Biomedical Research Institute, Rosetta Inpharmatics, ZymoGenetics, Children's Hospital and Medical Center, and the startups at the Accelerator Project. This five to seven year infrastructure project is specifically tailored and designed to the core needs of this business sector in the North Downtown area. The research activities and the laboratory equipment are so sensitive to system reliability and voltage stability that this area requires an extraordinary level of service from the utility. The motto is "World class research requires world class facilities.". The utility through this project is a partner in that effort. Because existing City Light substations cannot accommodate the new network feeders, this project requires the construction of a new North Downtown substation in a three to five year period, proposed as project 7757, North Downtown Substation Development. This network project cannot exist without the new substation. Alternative(s): 1. Enhance the service using non-network feeders from other substations. 2. Have individual customers invest in private reliability improvements. 3. Install network system in core service area, including the biotech industries. 4. Install network system throughout North Downtown area. Option 1 is not feasible because the availability of feeders from adjacent substations is limited and in question over time. Option 2 has been tried recently, but did not meet the reliability needs of this set of customers. Option 3 is the recommended option, as it is effective in meeting the need and cost effective. Option 4 includes all customers in the area, which is not necessary and expensive.	Valley Street	\$ 11,262
Denny Substation Transmission Lines	MC-CL-YT7125	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	System wide	\$ 200

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Distribution Area Communications Networks	MC-CL-YD9307	<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. Maintenant 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&M component.</p>	Citywide	\$ 3,565

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Distribution Management System	MC-CL-YD9966	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.	Citywide	\$ (0)

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Equipment Fleet Replacement	MC-CL-XF9101	<p>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 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 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.</p> <p>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 sevenh year or longer plan.</p>	System wide	\$ 7,182

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
First Hill - Network Load Transfer	MC-CL-YN8407	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	1100 Madison St.	\$ 0
Generation Federal Reliability Standards Improvements	MC-CL-XP6470	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.	500 Newhalem Creek Rd, Marblemount, WA 98267	\$ 10

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Interbay Substation - Development	MC-CL-YS7756	<p>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 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 option - constructing a station at Interbay to serve the growing load in that part of the service territory.</p>	17th Ave West	\$ 29

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Large Overhead and Underground Services	MC-CL-ZS8365	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.	System wide	\$ 2,997

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Massachusetts Street Substation - Networks	MC-CL-YN8202	Rationale: The rationale 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 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.	1555 Utah Ave S	\$ 3,420

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Medium Overhead and Underground Services	MC-CL-ZS8366	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.	System wide	\$ 16,335

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Meter Additions	MC-CL-ZS8054	<p>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 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.</p>	System wide	\$ 3,700
Mobile Workforce Implementation	MC-CL-YR8429	<p>Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.</p>	Citywide	\$ 1,163

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Neighborhood Voluntary Undergrounding Program	MC-CL-ZO8383	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. Alternative(s): No Alternatives Provided.	System wide	\$ 15

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Network Additions and Services - Denny	MC-CL-ZS8405	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.	Valley Street	\$ 9,468

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Network Additions and Services: Broad Street Substation	MC-CL-ZS8363	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.	319 6th AV N	\$ 11,000
Network Additions and Svcs: First Hill, Mass, Union & Univer	MC-CL-ZS8364	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.	1555 Utah AV S	\$ 5,000

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Network Hazeltine Upgrade	MC-CL-YN8129	<p>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 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 time for cost estimates. 5. Add sensors to existing or future Hazeltine system to enhance the monitoring of the network environment. This would enable system operators to detect and respond to abnormal field condition and thereby improve customer reliability. 6. Continue existing program of upgrading the sensors to match the current SCL standard. In 2007 and 2008, review the Hazeltine program and determine if more significant upgrades are feasible. Presently, this is the recommended action and funding level for 2007 and 2008. The 2009 and beyond dollars are expected expenditures for the significant Hazeltine upgrades, if approved.</p>	System wide	\$ 766

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Office Furniture and Equipment Purchase	MC-CL-XF9103	Rationale: Workplace and process improvements completed under program 9159, plus ongoing organizational change, require the purchase of office furniture and equipment in order to achieve the project objectives. Each year Utility Support Services completes approximately 450 service requests requiring furniture reconfiguration, at least a third of which involve ergonomic corrections. Alternative(s): 1. Fund program 9103. 2. Don't fund program 9103 and purchase all office furnishings and equipment from the O&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.	System wide	\$ 1,131

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Overhead and Underground Relocations	MC-CL-ZT8369	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.	System wide	\$ 4,676

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Overhead Customer Driven Capacity Additions	MC-CL-YR8355	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.	System wide	\$ 5,595
Overhead System Capacity Additions	MC-CL-YR8356	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.	System wide	\$ 2,707

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Pole Attachments	MC-CL-YR8452	<p>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. 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</p> <p>Alternative(s): It is possible that some or all of this construction work could be outsourced to electrical 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.</p>	System wide	\$ 16,614

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Power Production - Network Controls	MC-CL-XP6385	<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. 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. 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>	500 Newhalem Creek Rd, Marblemount, WA 98267	\$ (0)

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Security Improvements	MC-CL-YD9202	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, 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.	System wide	\$ 2,616

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Small Overhead and Underground Services	MC-CL-ZS8367	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.	System wide	\$ 4,993

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
SMT AutoLab	MC-CL-XP6600	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.	System wide	\$ 268

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Sound Transit - City Light System Upgrades	MC-CL-ZT8475	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.	City Wide	\$ 25

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Sound Transit Light Rail East Link - City Light	MC-CL-ZT8450	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 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.	I-90	\$ -

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Substation Capacity Additions	MC-CL-YS7751	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.	System wide	\$ 2,456

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Substation Comprehensive Improvements	MC-CL-XF9161	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.	System wide	\$ 236

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Substations Demand Driven Improvements	MC-CL-YS7755	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.	System wide	\$ 5
Underground Customer Driven Capacity Additions	MC-CL-YR8360	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.	System wide	\$ 5,293

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Union Street Substation Networks	MC-CL-YN8201	<p>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 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 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</p>	1312 Western AV	\$ 2,605

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
		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.		

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

Seattle Department of Transportation

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
23rd Avenue Corridor Improvements	MC-TR-C037	This project will install road improvements and improve the efficiency of Seattle's transportation network and of the regional transit network.	23rd AVE S/E John ST/Rainier AVE S	\$ 1,720
3rd Avenue Corridor Improvements	MC-TR-C034	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	3rd AVE	\$ -
Alaskan Way Main Corridor	MC-TR-C072	The program will construct a new Alaskan Way surface street and public space.	Various	\$ 84,040
Alaskan Way Viaduct Replacement	MC-TR-C066	This project funds the City's involvement in the replacement of the Alaskan Way Viaduct and Seawall.	ALASKAN WY VI SB	\$ -
Bike Master Plan - Protected Bike Lanes	MC-TR-C062	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.	Citywide	\$ 8,670
Burke-Gilman Trail Extension	MC-TR-C044	This project will construct three miles of new multi-use trail.	Various	\$ 5,107
Freight Spot Improvement Program	MC-TR-C047	This project will improve mobility. Specific projects and the corresponding impacts on capacity are still to be determined.	Citywide	\$ 5,323

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle Department of Transportation

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Madison BRT - RapidRide G Line	MC-TR-C051	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	Madison ST/Alaskan Way/Martin Luther King Junior W	\$ 10,164
Neighborhood Traffic Control Program	MC-TR-C019	This program will install traffic calming devices on neighborhood streets.	Citywide	\$ 325
New Traffic Signals	MC-TR-C020	This project will install new traffic signals to improve traffic flow, reduce the frequency and severity of traffic accidents, and support pedestrian activity.	Citywide	\$ 114
Northgate Bridge and Cycle Track	MC-TR-C030	This program will design and build pedestrian and bicycle improvements in order to increase safety and improve access to transit modes.	Multiple	\$ 8,763
RapidRide Roosevelt	MC-TR-C013	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	Various	\$ 8,086
S Lander St. Grade Separation	MC-TR-C028	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.	S Lander St/1st Ave S/4th Ave S	\$ 29,430
Sound Transit - East Link	MC-TR-C004	This project will provide design review, permitting, and construction support services for the Sound Transit - East Link project.	Citywide	\$ 70

*Amounts in thousands of dollars.

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Seattle Department of Transportation

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Sound Transit North Link	MC-TR-C027	Construct a 4.3-mile light rail line and three stations at Northgate, Roosevelt and University District.	Various	\$ -
Transit Corridor Improvements	MC-TR-C029	This program implements projects that improve transit speed, reliability, access, and convenience, consistent with the Transit Master Plan.	Citywide	\$ 3,634
Vision Zero	MC-TR-C064	This project will upgrade existing signals and signs, and install new ADA ramps, and pedestrian safety improvements.	Citywide	\$ 4,140

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

Seattle Parks and Recreation

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
14th Avenue NW Park Boulevard Development (NW 58th to NW 62nd)	MC-PR-16006	This project will provide 17,000 square feet of pedestrian and environmentally-friendly amenities such as swales, natural landscaping, and benches.	E 14th Ave NW	\$ -
Activating and Connecting to Greenways	MC-PR-21004	This project will increase the number of miles of safe pedestrian routes for all ages.	Citywide	\$ 221
Bryant Site Development	MC-PR-61002	This project will increase the waterfront parkland in Seattle by 3.9 acres.	1101 NE Boat ST	\$ -
Community Food Gardens and P-Patches	MC-PR-17001	This project adds community gardens and P-Patches to afford more opportunities to the public for growing food locally.	Citywide	\$ -
Develop 14 New Parks at Land-Banked Sites	MC-PR-21003	This project will add 14 developed parks for active recreation to help meet the City's parks and open space goals.	Citywide	\$ 1,707
East John Street Open Space Development	MC-PR-15004	This project adds green, environmentally sensitive improvements in an existing park.	Summit AVE E	\$ -
Golf Master Plan Implementation	MC-PR-31004	This project includes new driving ranges, building replacements, perimeter trails and cart paths.	Citywide	\$ -
Green Space Acquisitions-2008 Parks Levy	MC-PR-12001	This project will acquire various new properties.	Citywide	\$ -
Hing Hay Park Development	MC-PR-16003	This project adds .31 acres of parkland to an existing neighborhood park.	423 Maynard AVE S	\$ -

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle Parks and Recreation

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Jimi Hendrix Park Improvements	MC-PR-15003	This project makes the park more inviting, usable, and environmentally friendly.	2400 Massachusetts ST	\$ -
Marra-Desimone Park Development	MC-PR-16004	This project will provide community and recreation space to the 8.7 acre site.	9026 4th AVE S	\$ -
Neighborhood Park Acquisitions-2008 Parks Levy	MC-PR-14001	This project will acquire various new properties.	Multiple Locations	\$ -
Opportunity Fund Acquisitions-2008 Parks Levy	MC-PR-15001	This project will acquire various new properties.	Citywide	\$ -
Park Land Acquisition and Leverage Fund	MC-PR-21001	This project will add acreage to Seattle's total park land acreage.	Citywide	\$ 5,208
Rainier Beach Urban Farm and Wetlands Improvements	MC-PR-15005	This project develops a working organic urban farm, wetlands, and related amenities that will be open to the public.	5513 S Cloverdale ST	\$ -
Victor Steinbrueck Park Renovation	MC-PR-16005	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.	2001 Western Ave	\$ -
Washington Park Arboretum Improvements - 2008 Parks Levy	MC-PR-13002	This project renovates park areas with new horticultural displays and trails.	2300 Arboretum DR E	\$ -

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle Public Utilities

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Asset Information Management	MC-SU-C5407	Not applicable	Various	\$ 2,447
Broadview Long-Term Plan	MC-SU-C3812	Program does not increase capacity.	Broadview	\$ 4,000
CSO Facility Retrofit	MC-SU-C3611	This project will retrofit, upgrade, and modify existing Combined Sewer Overflow reduction facilities.	Various	\$ 13,195
Customer Contact & Billing	MC-SU-C5402	Not applicable	N/A	\$ 2,658
Drainage Capacity Program	MC-SU-C3802	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.	Various	\$ 2,448
Enterprise Information Management	MC-SU-C5403	Not applicable	Various	\$ 926
Green Stormwater Infrastructure Program	MC-SU-C3610	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.	Citywide	\$ 2,700
IT Infrastructure	MC-SU-C5404	Not applicable	N/A	\$ 750
Long Term Control Plan	MC-SU-C3604	This project will determine size and location of all future CSO control facilities within the City.	Various	\$ 1,200

*Amounts in thousands of dollars.

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Seattle Public Utilities

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Project Delivery & Performance	MC-SU-C5405	Not applicable	N/A	\$ 2,968
Pump Station & Force Main Improvements	MC-SU-C3703	This program will provide wastewater pump station improvements, upgrades, repairs and rehabilitation.	Various	\$ 5,921
Regional Facility - Other	MC-SU-C4107	This program will improve facilities at SPU's regional sites.	Regional	\$ 4,045
Regional Water Conservation	MC-SU-C1504	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.	Citywide and Regional	\$ 1,126
S Henderson CSO Storage	MC-SU-C3609	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.	S Henderson St.	\$ -
Sanitary Sewer Overflow Capacity	MC-SU-C3804	This project will add capacity to the existing sanitary sewer collection system to improve service and accommodate growth.	Various	\$ 12,931
Science & System Performance	MC-SU-C5406	Not applicable	N/A	\$ 1,450

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle Public Utilities

Project Name	Project ID	Project Capacity	Project Location	2020 Budget*
Seattle Direct Water Conservation	MC-SU-C1505	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.	Citywide and Direct Service	\$ 648
South Park Stormwater Program	MC-SU-C3806	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.	698 S Riverside DR	\$ 17,873
South Recycling Center	MC-SU-C2302	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.	8100 2nd Ave S	\$ 12,408
Tolt Bridges	MC-SU-C1308	Not applicable.	Tolt River Watershed	\$ -
Water Infrastructure- New Hydrants	MC-SU-C1112	This project will improve fire protection by increasing the number of fire hydrants in the city.	Citywide	\$ 14
Water Infrastructure- Water Main Extensions	MC-SU-C1111	This project will install approximately 8,000 feet of new watermains per year.	Citywide	\$ 714

*Amounts in thousands of dollars.

Appendix B: Capital Projects passing the \$5 million threshold with the 2020 Adopted allocation.

DEPARTMENT OF PARKS AND RECREATION

Project ID: MC-PR-21011
Project Title: Freeway Park Improvements
Location: 1227 9th AVE
2020 Adopted Budget: \$8,050,000
Description: This project will make major improvements to Freeway Park, including renovation and upgrades to its electrical and lighting systems, utilities, and storm-water infrastructure. Related work may also include enhancements to entries, renovation of the comfort station, site furnishings, wayfinding, programming and activation. This project is part of the Building for the Future Budget Summary Level, and using mitigation funds allocated from the convention center expansion public benefits package.

Project ID: MC-PR-31005
Project Title: Golf - Capital Improvements
Location: Multiple
2020 Adopted Budget: \$1,536,000
Description: 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.

Project ID: MC-PR-41039
Project Title: Play Area Renovations
Location: Multiple
2020 Adopted Budget: \$2,000,000
Description: 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.

SEATTLE CITY LIGHT

Project ID: MC-CL-XB6535
Project Title: Boundary Powerhouse - Unit 52 Generator Rebuild
Location: Boundary Rd, Metaline, WA 99153
2020 Adopted Budget: \$11,437,504
Description: This project provides rewinding and refurbishing of the Boundary Powerhouse Unit 52 generator, which is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators. 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. This project also

Appendix B: Capital Projects passing the \$5 million threshold with the 2020 Adopted allocation.

provides replacement of the carbon dioxide fire-suppression system with a water sprinkler system to improve worker safety. If technology is sufficiently advanced, it may also include a rotor-mounted scanner or other diagnostic equipment.

Project ID: MC-CL-XC6573
Project Title: Cedar Falls - Bank 6 Replacement
Location: Cedar Falls
2020 Adopted Budget: \$2,154,484
Description: This project builds a new substation at Cedar Falls and 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 aging transformer is water cooled posing an environmental hazard to the cities drinking water supply and the switchyard does not meet electrical clearance safety standards. The transformer and switchyard are approaching the end of their useful lives and the goal of this project is to replace them to resolve reliability, environmental and safety issues.

Project ID: MC-CL-XF9238
Project Title: Solar Microgrid for Resilience
Location: TBD
2020 Adopted Budget: \$261,584
Description: 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.

Project ID: MC-CL-XS6373
Project Title: Ross Dam - AC/DC Distribution System Upgrade
Location: Milepost 128 State Highway 20
2020 Adopted Budget: \$3,178,381
Description: This project upgrades aging AC electrical distribution system at Ross Dam with a new electrical distribution system. It installs conduit, ducting, distribution panels and wire. It improves the 4 kV system, improves lighting, and provides improvements on top of the dam including a center substation room, emergency generator, valve houses, and a 130-volt battery bank. New conduit and conductors improve reliability of spillgate operations and other dam operations requiring

Appendix B: Capital Projects passing the \$5 million threshold with the 2020 Adopted allocation.

electric power. New electrical equipment, new lighting, and the addition of emergency lighting allow staff greater operational flexibility, safety, and efficiency.

Project ID: MC-CL-XS6520
Project Title: Skagit Facilities Plan
Location: Newhalem Creek Rd, Marblemount, WA 98267
2020 Adopted Budget: \$2,804,818
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: MC-CL-YD9967
Project Title: Outage Management System Phase II Implementation
Location: Citywide
2020 Adopted Budget: \$3,000,000
Description: 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.

Project ID: MC-CL-ZL8481
Project Title: Seattle Waterfront Streetlight Installation
Location: 1312 Western AVE
2020 Adopted Budget: \$4,738,093
Description: 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.

SEATTLE DEPARTMENT OF TRANSPORTATION

Project ID: MC-TR-C031
Project Title: Pedestrian Master Plan - Stairway Rehabilitation
Location: Various
2020 Adopted

Appendix B: Capital Projects passing the \$5 million threshold with the 2020 Adopted allocation.

Budget: \$1,449,810
Description: 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 rebuild and/or rehabilitate 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 amount for the Stairway Rehabilitation is in project TC367150.

Project ID: MC-TR-C042
Project Title: Delridge Way SW - RapidRide H Line
Location: Delridge AVE
2020 Adopted Budget: \$15,226,743
Description: 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.
Note: The project title is changing from "Delridge Multimodal Corridor" to "Delridge Way SW - RapidRide H Line."

Project ID: MC-TR-C054
Project Title: SPU Drainage Partnership - South Park
Location: TBD
2020 Adopted Budget: \$7,300,000
Description: 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 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.

Project ID: MC-TR-C078
Project Title: Route 44 Transit-Plus Multimodal Corridor
Location: TBD
2020 Adopted Budget: \$4,721,199
Description: This project will implement speed and reliability improvements along the Route 44 corridor. This project seeks to improve and make reliable the connection between the University of Washington, Wallingford, and Ballard. The project may add bus lanes, pedestrian improvements, channelization changes, signal modifications, transit signal priority, and new adaptive signals.

Appendix B: Capital Projects passing the \$5 million threshold with the 2020 Adopted allocation.

Note: The project title is changing from "Market / 45th Multimodal Corridor" to "Route 44 Transit-Plus Multimodal Corridor."

Project ID: MC-TR-C088
Project Title: Sound Transit 3
Location: Various
2020 Adopted Budget: \$1,802,326
Description: 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.

Project ID: MC-TR-C097
Project Title: Seattle Transportation Benefit District - Capital Improvements
Location: TBD
2020 Adopted Budget: \$7,514,462
Description: This program funds projects improving transit speed, reliability, safety, and passenger amenities which occur along transit routes or at stops that serve the Urban Centers and Villages across the Seattle. The program will provide transit speed and reliability improvements allowing the people of Seattle to more quickly, effectively and travel via transit to, through, and between Urban Centers and Villages.

Project ID: MC-TR-C101
Project Title: North of Downtown Mobility Act
Location: TBD
2020 Adopted Budget: \$4,837,232
Description: This project will construct transportation related improvements in the North Downtown area in support of the Seattle Center Arena Redevelopment project. The City is also partnering with the Port of Seattle to improve movement of cargo and other modes on city streets, including 15th Ave W/Elliott Ave W/Mercer St corridor areas around Seattle Center.

SEATTLE PUBLIC UTILITIES

Project ID: MC-SU-C1128
Project Title: Distribution System Improvements
Location: Citywide
2020 Adopted Budget: \$2,000,000

Appendix B: Capital Projects passing the \$5 million threshold with the 2020 Adopted allocation.

Description: This ongoing project improves service reliability, pressure, capacity, and fire flow in the City's water distribution system. Typical improvements may include, but are not limited to, booster pump station installation, creation of new service zones, and tank elevation or replacement, as well as additional water main pipelines and pressure reducing valves. These improvements to service levels meet Washington Department of Health (DOH) regulations and SPU's Distribution System Pressure Policy to provide greater than 20 psi service pressure. These improvements provide higher flow of water for fire protection which improves public safety and results in smaller and shorter fires.

Project ID: MC-SU-C1134
Project Title: Tank Improvements
Location: Citywide

2020 Adopted

Budget: \$5,566,665

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: MC-SU-C1418
Project Title: Reservoir Covering-Lake Forest
Location: Lake Forest Park

2020 Adopted

Budget: \$8,695,000

Description: 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.

Project ID: MC-SU-C1506
Project Title: Dam Safety
Location: Various

2020 Adopted

Budget: \$4,751,000

Description: 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.

Appendix B: Capital Projects passing the \$5 million threshold with the 2020 Adopted allocation.

Project ID: MC-SU-C2403
Project Title: Midway Landfill
Location: Kent
2020 Adopted Budget: \$8,240,000
Description: 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.

Project ID: MC-SU-C3314
Project Title: Creek Culvert Replacement Program
Location: Various
2020 Adopted Budget: \$2,883,883
Description: This ongoing project provides for the repair and replacement of stream culverts that are part of SPU's critical drainage infrastructure. Culverts are prioritized for repair or replacement based on structural condition. Projects are then sequenced based on prioritization and other factors such as readiness to proceed, ability to address other drainage needs (e.g., flooding, maintenance), potential partnerships, synergies with other projects and availability of funding.

Project ID: MC-SU-C3612
Project Title: Future CSO Projects
Location: TBD
2020 Adopted Budget: \$3,406,442
Description: This project is for future combined sewer overflow (CSO) reduction projects that will be identified through the CSO Long-Term Control Plan (LTCP) Update. 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 2018, and the projects should complete their construction by 2030.

Project ID: MC-SU-C5406
Project Title: Science & System Performance
Location: TBD
2020 Adopted

Appendix B: Capital Projects passing the \$5 million threshold with the 2020 Adopted allocation.

Budget: \$1,450,000
Description: 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.

Project ID: MC-SU-C5407
Project Title: Asset Information Management
Location: Various
2020 Adopted Budget: \$2,447,404
Description: 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.

Appendix C: REET II Funding Report

Section 3(a) - Project pages as shown in the 2020-2025 Published Capital Improvement Program (CIP), which represents the City's Capital Facilities Plan, demonstrate that adequate funding from all sources of public funding exists to pay for all capital projects for the succeeding two-year period.

Section 3(b)/(c) - The following tables identifies how revenues collected under RCW 82.46.035 were programmed during the prior two-year period (2018 and 2019) where the City utilized the temporary provision for spending on housing the homeless, and the current planned spending for the succeeding two-year period (2021 - 2022). Proposed spending for 2020 represents the Mayor's Adopted Budget. Anticipated amounts shown for 2021 and 2022 represents current projections as seen in the Mayor's Published 2020-2025 Capital Improvement Program (CIP) and are subject to change based on actual revenues collected and unanticipated asset preservation/major maintenance needs or changes in priorities. Not all anticipated revenues have been programmed in the CIP to allow for addressing emergent needs that have yet to be identified or set aside as a reserve for planned items yet to be programmed.

Amounts are in thousands

Fund	Dept	Project Name	Project #	2018 Adopted Budget	2019 Adopted Budget	2020 Adopted Budget	2021 Proposed Budget	2022 Proposed Budget
Real Estate Excise Tax (REET II Capital Projects Fund (30020))								
Human Service Department								
		Bridge Housing for Homelessness	HSD2	1,000	-	-	-	-
		Debt Service for constructing Low-Income Housing	HSD1	-	1,000	-	-	-
Human Service Department Total				1,000	1,000	-	-	-
Seattle Department of Transportation								
		23rd Avenue Corridor Improvements	MC-TR-C037	-	943	60	-	-
		Alaskan Way Main Corridor	MC-TR-C072	-	-	-	5,000	2,000
		Arterial Asphalt & Concrete Program Phase II	MC-TR-C033	-	450	-	-	-
		Arterial Major Maintenance	MC-TR-C071	500	2,450	2,500	-	-
		Bike Master Plan - Greenways	MC-TR-C063	-	550	-	-	-
		Bridge Load Rating	MC-TR-C006	500	-	-	-	-
		Bridge Painting Program	MC-TR-C007	2,135	2,135	2,135	2,135	2,135
		Debt Service - REET I	MO-TR-D003	812	852	-	-	-
		Debt Service - REET II	MO-TR-D006	-	-	815	815	813
		Hazard Mitigation Program - Areaways	MC-TR-C035	331	332	333	334	343
		Hazard Mitigation Program - Landslide Mitigation Prc	MC-TR-C015	1,200	200	200	200	200
		Market to MOHAI	MC-TR-C095	500	-	-	-	-
		Neighborhood Parks Street Fund - Your Voice, Your C	MC-TR-C022	1,910	1,446	2,000	2,000	1,450
		Next Generation Intelligent Transportation Systems (MC-TR-C021	-	987	-	-	-
		Non-Arterial Street Resurfacing and Restoration	MC-TR-C041	1,150	1,150	1,150	1,150	1,150
		Pedestrian Master Plan - New Sidewalks	MC-TR-C058	-	888	-	11	-
		Pedestrian Master Plan - Stairway Rehabilitation	MC-TR-C031	49	49	49	49	49
		Retaining Wall Repair and Restoration	MC-TR-C032	212	212	212	212	212
		S Lander St. Grade Separation	MC-TR-C028	-	369	96	-	-
		SDOT ADA Program	MC-TR-C057	-	2,300	7,653	1,350	5,500
		Sidewalk Safety Repair	MC-TR-C025	2,000	2,100	2,142	-	-
Seattle Department of Transportation Total				11,299	17,413	19,345	13,256	13,852

Fund	Dept	Project Name	Project #	2018 Adopted Budget	2019 Adopted Budget	2020 Adopted Budget	2021 Proposed Budget	2022 Proposed Budget
Real Estate Excise Tax (REET II Capital Projects Fund (30020))								
Seattle Parks and Recreation								
		ADA Compliance - Parks	MC-PR-41031	-	2,000	1,000	-	2,000
		Aquarium - Pier 59 Piling Replacement and Aquarium	MC-PR-31002	1,543	1,545	1,540	1,547	1,542
		Aquarium Expansion	MC-PR-21006	2,370	-	300	-	-
		Athletic Field Improvements	MC-PR-21009	1,566	-	-	-	-
		Athletic Field Replacements	MC-PR-41070	-	1,120	2,116	3,590	-
		Ballfield Lighting Replacement Program	MC-PR-41009	500	-	-	500	500
		Ballfields - Minor Capital Improvements	MC-PR-41023	50	46	45	50	50
		Boiler and Mechanical System Replacement Program	MC-PR-41007	175	100	-	175	175
		Comfort Station Renovations	MC-PR-41036	-	-	-	660	660
		Community Center Rehabilitation & Development	MC-PR-41002	-	3,339	2,284	3,508	3,596
		Develop 14 New Parks at Land-Banked Sites	MC-PR-21003	-	-	1,300	-	-
		Electrical System Replacement Program	MC-PR-41008	150	100	100	150	150
		Environmental Remediation Program	MC-PR-41016	100	100	100	100	100
		Gas Works Park - Remediation	MC-PR-31007	790	-	-	670	1,040
		Green Lake Community Center & Evans Pool Replace	MC-PR-41071	-	500	500	-	-
		Improve Dog Off-Leash Areas	MC-PR-51002	100	-	-	-	-
		Irrigation Replacement and Outdoor Infrastructure Pi	MC-PR-41020	300	250	250	550	550
		Lake City Community Center Improvements	MC-PR-41040	3,000	2,000	4,000	-	-
		Landscape Restoration Program	MC-PR-41017	430	264	264	430	430
		Loyal Heights Community Center Renovation	MC-PR-41038	1,671	-	-	-	-
		Loyal Heights Playfield Turf Replacement	MC-PR-41048	2,385	-	-	-	-
		Magnuson Community Center Improvements	K732511	1,150	-	-	-	-
		Magnuson Park Athletic Field 12 Conversion	MC-PR-41064	-	-	-	334	1,570
		Major Maintenance Backlog and Asset Management	MC-PR-41001	-	4,723	4,854	4,962	5,086
		Neighborhood Capital Program	MC-PR-41015	90	498	-	-	-
		Neighborhood Response Program	MC-PR-41024	250	200	200	250	250
		Parks Central Waterfront Piers Rehabilitation	MC-PR-21007	10,150	730	1,987	-	-
		Pavement Restoration Program	MC-PR-41025	400	350	320	400	400
		Play Area Renovations	MC-PR-41039	-	-	-	1,000	1,000
		Play Area Safety Program	MC-PR-41018	150	75	75	150	150
		Queen Anne Turf Field Replacement	MC-PR-41072	-	-	3,000	-	-
		Roof & Building Envelope Program	MC-PR-41027	350	250	250	350	350
		South Park Campus Improvements	MC-PR-21013	-	1,800	-	-	-
		Sport Court Restoration Program	MC-PR-41019	100	100	75	100	100
		Trails Renovation Program	MC-PR-41026	350	350	350	350	350
		Urban Forestry - Forest Restoration Program	MC-PR-41022	200	200	200	200	200
		Urban Forestry - Green Seattle Partnership	MC-PR-41012	1,700	1,700	1,700	1,700	1,700
		Urban Forestry - Tree Replacement	MC-PR-41011	95	95	95	95	95
		Utility Conservation Program	MC-PR-41010	250	200	200	250	250
		Victor Steinbrueck Parking Envelope	MC-PR-41044	3,000	-	-	-	-
		Yesler Crescent Improvements	MC-PR-21012	-	500	-	-	-
		Zoo Major Maintenance	MC-PR-41005	-	1,938	1,938	2,037	2,087
Seattle Parks and Recreation Total				33,365	25,073	29,043	24,108	24,381
Total Fund 30020 - Real Estate Excise Tax II				45,664	43,486	48,388	37,364	38,233

Appendix C: REET II Funding Report

Section 3(d) - The table below identifies the amounts and percentage of City resources allocated to Capital Projects.

Revenue Source	2020 Adopted Amount	% 2020
Bond Financed	53,960,141	3.9%
Federal Funds	57,634,223	4.2%
King County Funding	53,849,516	3.9%
Other City Funds	63,202,520	4.6%
Other Local Government	12,974,577	0.9%
Private Funding	17,964,794	1.3%
Real Estate Excise Tax	90,814,804	6.6%
State Funding	96,943,289	7.1%
Utility Funding	761,699,909	55.7%
Voter-approved Funds (Seattle and King Co.)	159,566,848	11.7%
Total	1,368,610,620	100.0%

1% for Art: A program administered by the Office of Arts and Culture (ARTS) that sets aside one percent of eligible City capital improvement project funds for the commission, purchase, and installation of artworks.

2000 Parks Levy (“Neighborhood Parks, Green Spaces, Trails, and Zoo Levy”): A \$198.2 million, eight-year levy lid lift passed by Seattle voters in November 2000. The levy is designed to fund more than 100 park, open space, and recreation projects throughout the city.

2008 Parks Levy (“Parks and Green Spaces Levy”): A \$145.5 million, six-year levy lid lift passed by Seattle voters in November 2008. The levy was designed to fund park and green space acquisition, capital expansion and renovation of parks, and park facilities throughout the city.

Americans with Disabilities Act (ADA): A comprehensive civil rights law for people with disabilities passed by the federal government in 1990.

Allocation: The expenditure amount planned for a 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 threshold with the 2020 Adopted allocation (Appendix B): Pursuant to the 1999 settlement agreement in CLEAN, et. al v. City of Seattle, the City has adopted policies regarding public notification when capital projects cross certain spending thresholds. Resolution 31203 updated those policies to require a list of all Capital Projects for which the City has cumulatively spent more than \$5 million with the adoption of the current annual Budget be published as an appendix to the Capital Improvement Program.

Community Development Block Grant (CDBG): An annual grant to Seattle and other local governments from the U.S. Department of Housing and Urban Development to support economic development projects, housing and services in low-income neighborhoods.

Comprehensive Drainage Plan: A Citywide drainage management program for capital improvements and ongoing maintenance. It establishes a monitoring program and identifies measures to control flooding and pollution, such as regulatory controls and public education.

Cumulative Reserve Fund (CRF): A source of ongoing local funding to support capital projects in general government departments. The CRF consists of two accounts: The Capital Projects Account and the Revenue Stabilization Account. The Capital Projects Account has three Funds: REET I Capital Projects Fund, REET II Capital Projects Fund, and the Unrestricted Cumulative Reserve Fund.

Design Build Operate (DBO): A non-conventional approach to implementation of major capital projects, wherein a single vendor is responsible for design, construction, and long-term operation of a facility.

Debt Service: Annual principal and interest payments that local government owes on money that it has borrowed.

Endangered Species Act (ESA): Legislation passed by the federal government in 1973 to conserve the ecosystems upon which endangered species depend upon and to conserve and recover listed species.

Fire Facilities and Emergency Response Levy: A \$167 million, eight-year levy lid lift, approved by voters in November 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 fund. This incorporates the difference between the revenues and expenditures each year.

General Fund: A central fund into which most of the City's general tax revenues and discretionary resources are pooled and allocated to support many of the operations of City government. General Fund dollars appear in the CIP in two places: the General Fund contribution to the Cumulative Reserve Fund (if any) and appropriations to capital projects from a department's operating budget.

Geographic Information System (GIS): A tool that enables users to analyze and understand the spatial relationships among things that exist and occur in a location. The results of geographic analysis can be communicated with maps and/or reports.

Growth Management Act (GMA): Passed by the state legislature in 1990, the Growth Management Act encourages strategic land use planning and provides protection for environmentally sensitive areas.

Habitat Conservation Plan (HCP): A 50-year commitment by the City and 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—for example, the 2008 Parks Levy.

Levy to Move Seattle: A nine-year, \$930 million-dollar levy passed by voters in November 2015. The levy provides funding to improve safety for all travelers, maintain streets and bridges, and invest in reliable, affordable travel options.

Limited Tax General Obligation (“LTGO” or “Councilmanic”) Bonds: Bonds that are issued by the City Council without voter approval. The debt service on these bonds is typically repaid from existing general government revenues or from revenues generated by the project(s) financed with the bonds.

Major Maintenance: See “Asset Preservation” above.

Municipal Art Plan: A plan prepared by the Office of Arts and Culture that establishes budgets for new 1% for Art program projects and describes the status of existing projects.

Neighborhood Matching Subfund (NMF): A fund administered by the Department of Neighborhoods to provide money to Seattle neighborhood groups and organizations for neighborhood-initiated improvement, organizing, or planning projects. The community’s contribution of volunteer labor, materials, professional services or cash is “matched” by cash from the fund.

Operating Budget: The portion of a budget that deals with recurring expenditures such as salaries, electric bills, postage, printing, paper supplies, and gasoline.

Public Works Trust Fund: A low-interest state revolving loan fund designed to help local governments with the repair, replacement, and rehabilitation of public works infrastructure.

REET I and REET II: The Real Estate Excise Tax (REET) is levied on all sales of real estate with the first 0.25% of the locally imposed tax going to REET I and the second 0.25% for REET II.

Seattle Metropolitan Park District: In August 2014, voters passed a ballot measure creating the Seattle Metropolitan Park District. The goal of the park district is to provide long-term, stable funding to support recreation programming, parks projects and the critical needs for investment in major and ongoing maintenance.

Unlimited Tax General Obligation (“UTGO” or “voted”) Bonds: Bonds issued after receiving approval by 60% of the voters in an election with at least 40% voter turnout. The debt service on these bonds is repaid from additional (“excess”) property tax revenues that voters approve as part of the bond measure.