
CITY OF
Seattle, Washington

**2022-2027 Proposed
Capital Improvement Program**



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CITY OF SEATTLE

2022-2027 Proposed Capital Improvement Program

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City of Seattle
2022-2027 Proposed Capital Improvement Program

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Reader's Guide to the 2022-2027 Proposed Capital Improvement Program

The City of Seattle's 2022-2027 Proposed Capital Improvement Program (CIP) includes an overview, departmental sections, appendices, and a glossary. The overview 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, 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 2022 appropriation as required by Resolution 31203.

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 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.

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); proposed/adopted appropriations; and estimated appropriation requests for the remaining five years of the CIP period.

Fund Appropriations/Allocations: This table lists the appropriating funds and the annual appropriation total for that specific project for the current year and adopted budget year.

Financial Planning Strategy: The financial planning strategy section appears on CIP Project Pages for discrete projects that are large enough to be part of the Project Cost Estimate Review and Validation

Process, as described in the CIP Overview. The financial planning strategy discusses the overall funding plan for the life of the project.

Unsecured Funding: The “Unsecured Funding” table shows the portion of the project cost that does not have committed funding. 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 2022-2027 Proposed CIP totals \$6.98 billion over six years, with approximately \$1.4 billion of that amount designated for the 2022 budget year.

The 2022-2027 Proposed CIP document is a compilation of all legislative CIP adjustments made during 2021. This includes all legislative action that occurred in the following periods:

- Adjustments made prior to the transmission of the 2022-2027 Proposed CIP from the Mayor to the City Council including:
 - 2021 Midyear Supplemental budget adjustments,
 - 2021 Year-end Supplemental budget adjustments (proposed),
 - Stand alone legislation and administrative adjustments made prior to the year-end Supplemental.

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.

Project Cost Estimate Review and Validation Process

The 2022-2027 Proposed CIP continues to incorporate the process that was developed in 2019 through the work of the capital departments Directors group. This process reflects an improved approach to budgeting for large, discrete CIP projects in early stages of development and provides Council and the public with a better understanding of the risk and uncertainty associated with each of the projects.

The key elements of the process are:

- Discrete projects with an initial rough order of magnitude total project cost estimate over \$10 million will show a range of possible costs rather than an exact dollar estimate.
- Departments will appropriate and budget the estimated cost to reach 100% design, as shown on the CIP Project Page. They will also plan for, and communicate the remaining construction costs by using 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 established. During the next budget cycle (or any subsequent Council action) the department will budget the full total project cost on the CIP Project Page.
- If the baseline total project cost estimate is under \$50 million the project will proceed through capital project delivery process according to historic practice.
- If the 30% baseline total project cost is over \$50 million, the department will initiate a third-party review of the baseline total project cost estimate. The department will bring the results of the third-party cost estimate review to the Project Delivery Executive Committee and/or the Directors’ Capital Committee to determine the next steps.

The Cost Estimate Review and Validation process will be modified according to the findings of the initial pilot projects being used to improve the concept.

Capital Improvement 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, utility rates, 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 2022 Proposed Budget for more information on debt financing.

In 2022, the City will issue approximately \$130 million in LTGO bonds to fund significant IT, Transportation, and city facility related projects. The 2022 LTGO bond issuance includes \$44.5 million to finance a substantial portion of the West Seattle Bridge repair work. The West Seattle Bridge bond debt service will be paid for with Real Estate Excise Tax.

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 Real Estate Excise Tax, which is an excise tax imposed on the sale of real property. REET is a relatively volatile revenue source that generally tracks closely to local economic activity.

REET revenue declined in 2021 due to the COVID-19 pandemic, but not quite as severely as expected. The final 2021 year end REET revenue that the City collected was higher than forecasted in the fall of 2021. The 2022-2027 Proposed CIP allocates the additional REET collected in 2021 and partially restores some of the project reductions that were made in anticipation of a significant fall off in revenue due to the pandemic. A continuing pressure on the REET budget is the cost of debt service for the West Seattle Bridge Immediate Repair CIP project.

Historically the City has maintained a \$10 million REET reserve for precisely these types of economic situations. The City used \$4 million of the REET cash reserve to blunt the impact of a reduction in revenue in 2021. The 2022 Proposed Budget includes the replenishment of the REET cash reserves over the next three years.

The 2022 Proposed Budget maintains the commitment made in the 2020 budget to use \$25 million of the City’s REET revenue for capital investments in new affordable housing. 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 neglect and deferred maintenance.

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, transportation infrastructure improvements and replacement of the Elliott Bay Seawall. The following is a list recent property tax 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 \$110 million in 2021. 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 Madison Bus Rapid Transit (BRT) – RapidRide G Line.

- *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 \$21 million in 2022 for major maintenance and capital projects.
- *The 2019 Library Levy:* A seven-year, \$219 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, and 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 2021 the 2008 Parks and Green Spaces Levy Fund carried a balance of \$11 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 new Fire Station 31 in North Seattle, as well as the replacement of the existing dock at Fire Station 5 on the downtown waterfront. A new project is established to fund seismic assessments of five public safety 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 \$737 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) expand the Seattle Aquarium and expand the Pike Place Market.

Funding

The 2022-2027 Proposed CIP contains 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 relevant projects. 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 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 are bound by the City’s Community Workforce Agreement, which is intended to increase employment for women, people of color and those living in economically distressed areas of the City through establishment of aspirational and mandatory labor hours for the respective groups. In 2017, the Priority Hire program was expanded to include application on public-private partnership projects with significant City investment such as the Climate Pledge Arena project and the Ocean Pavilion (Seattle Aquarium Expansion) project. Again in 2022, the Priority Hire program will be expanded with \$1 million of funding awarded through the Equitable Communities Initiative Taskforce and \$500,000 of the total investments in workforce development.

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 2022 Proposed Budget further adds funding added in the 2019 Adopted Budget for FAS to procure technical assistance services for firms interested in doing business with the City, emphasizing 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.

2022-2027 Proposed Capital Improvement Program Summary

The 2022-2027 Proposed CIP totals \$6.98 billion for six years and includes approximately 517 projects¹. Approximately \$4.7 billion of the six-year total, or 68%, are utility projects managed by Seattle City Light (SCL) and Seattle Public Utilities (SPU), and mostly funded by utility rates. The Seattle Department of Transportation’s CIP totals \$1.4 billion (20%) 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 \$822 million, or 12%, of the six-year CIP.

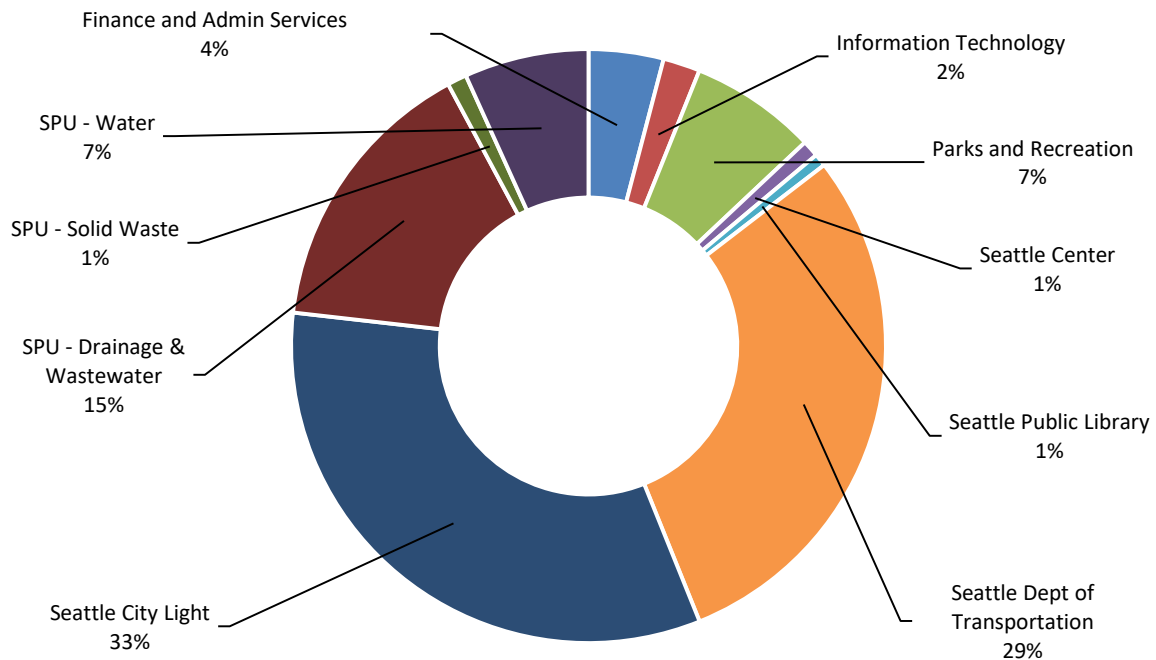
¹ The project total includes all projects with a CIP Project Page in the 2022-2027 Proposed CIP.

2022-2027 Proposed CIP by Department (000s)

Department	2021 Adopted	2022 Proposed	2023-2027 Proposed CIP	2022-2027 Proposed CIP Total
Finance and Admin Services	38,198	56,655	169,855	226,509
Information Technology	37,438	27,985	79,701	107,687
Parks and Recreation	52,970	95,831	296,684	392,514
Seattle Center	7,381	12,651	41,587	54,238
Seattle Public Library	9,237	9,502	31,928	41,430
Seattle Dept of Transportation	364,757	408,254	1,004,389	1,412,643
Subtotal	509,982	610,877	1,624,144	2,235,021
City-owned Utilities				
Seattle City Light	361,815	457,696	2,203,637	2,661,333
SPU - Drainage & Wastewater	278,390	213,919	1,022,721	1,236,639
SPU - Solid Waste	25,299	14,675	51,706	66,381
SPU - Water	116,778	94,154	686,174	780,329
Subtotal	782,282	780,443	3,964,238	4,744,682
City Total	1,292,265	1,391,321	5,588,382	6,979,703

Note: 2021 Adopted totals are based on the 2021-2026 Adopted CIP. Not all funds above are appropriated; see the 2022 Proposed Budget for a list of capital appropriations by department.

2022 Proposed CIP by Department - \$1,391 Million



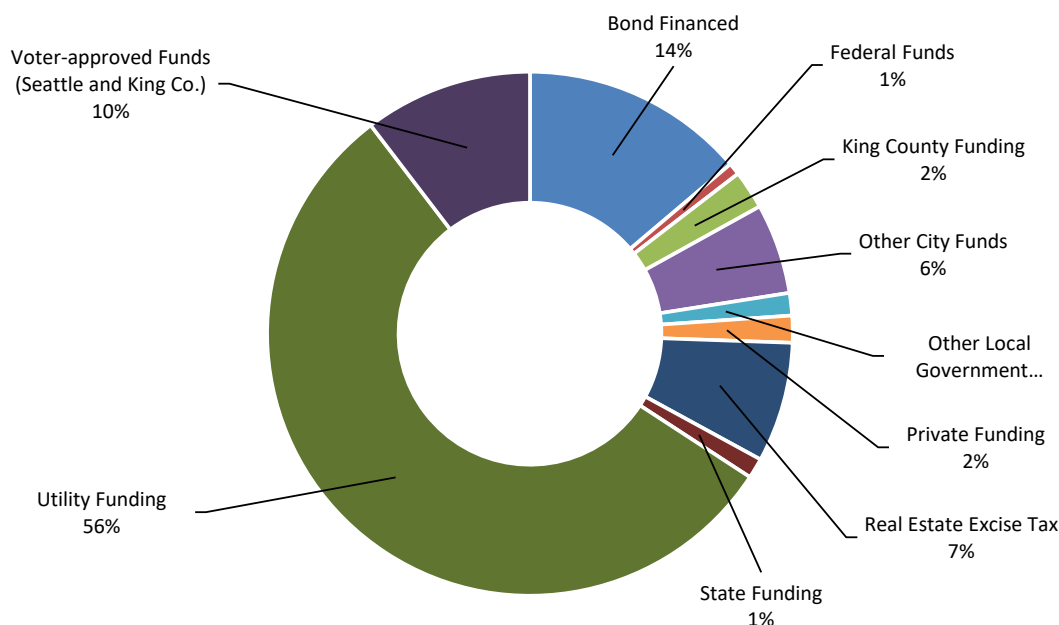
The table below identifies funding sources for the 2022-2027 Proposed CIP by Revenue Source Group

2022-2027 Proposed CIP Revenues (000s)

Revenue Source Group	2021 Adopted	2022 Proposed	2023-2027 Proposed CIP	2022-2027 Proposed CIP Total
Bond Financed	122,393	191,965	175,781	367,746
Federal Funds	56,305	10,348	88,457	98,805
King County Funding	50,833	33,182	42,968	76,151
Other City Funds	47,950	77,637	197,515	275,152
Other Local Government	17,405	19,282	216	19,498
Private Funding	12,814	23,120	73,900	97,019
Real Estate Excise Tax	66,581	103,186	330,315	433,501
State Funding	52,939	17,369	43,813	61,182
Utility Funding	752,230	771,095	3,959,349	4,730,444
Voter-approved Funds (Seattle and King Co.)	112,815	144,137	288,089	432,226
To Be Determined	-	0	387,979	387,979
Grand Total	1,292,265	1,391,321	5,588,382	6,979,703

Note: 2021 Adopted totals are based on the 2021-2026 Adopted CIP.

2022 Proposed CIP by Revenue Source - \$1,391 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, Seattle Public Library, Seattle 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 240 million square feet of grounds (primarily green space) and multiple 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 2022, the City will spend a total of \$51 million from the two Real Estate Excise Tax Funds and an additional \$66 million from various other resources on asset preservation for general government infrastructure in parks, libraries, civic buildings, and on the Seattle Center campus. The Department of Transportation will spend an additional \$20 million of REET resources and \$71 million of other transportation resources on infrastructure asset preservation during the 2022 budget period.

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 2022-2027 Proposed CIP reflects this focus, and as highlighted below, supports neighborhood-scale capital investments in several different ways.

Neighborhood Matching Fund

The 2022 Proposed Budget maintains funding to Neighborhood Matching Fund (NMF) grant programs. A number of CIP projects, particularly in the Department of Parks and Recreation, include funding from NMF.

The City created the NMF in 1988 to provide funding to Seattle neighborhood groups and organizations for a broad array of neighborhood-initiated improvement, organizing, or planning projects. Many of these projects also support citywide initiatives such as Race and Social Justice, Youth Violence Prevention, Environment and Sustainability, and Neighborhood Planning. Awards range from a few thousand dollars (Small Sparks projects are up to \$5,000, and the Community Partnership Fund projects range from \$5,001 to \$50,000), 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 2022, the Municipal Art Fund is estimated to receive approximately \$3.2 million from capital departments for the 1% for Art program, as described below. Actual receipts may vary because of project timing, prior year credits, actual CIP expenditures, and City Council changes to the CIP.

1% for Art Revenues (Estimated)	2022 Proposed
City Light	\$540,000
Seattle Public Utilities	\$1,800,000
Seattle Center	\$10,000
Parks & Recreation	\$20,519
Transportation	\$790,000
Total	\$3,160,519

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 focus development for new jobs and households, 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. The latest update of the City's Comprehensive Plan "[Seattle 2035](#)" was passed by the City in October 2016. The City began the process of updating its Comprehensive Plan in 2021 and the work is scheduled to be complete in 2023.

The Comprehensive Plan helped inform the development of the 2022-2027 Proposed CIP as departments have taken special note of capital projects in neighborhoods targeted for substantial growth in the future or that have received substantial growth in the last few years. This effort is intended to make sure areas receiving growth have the appropriate physical infrastructure to accommodate such growth, while balancing the major maintenance of existing facilities, such as power distribution systems, pipes, community centers, swimming pools, libraries, and streets that are located throughout the City, not just in targeted growth areas.

Federal and State Regulatory Requirements

The City's utilities have several facility projects in their Capital Improvement Programs to meet federal and state regulatory requirements. The City of Seattle must abide by the City's two National Pollutant Discharge Elimination System (NPDES) permits, one for storm water and one for combined sewer system. The City is required, for example, to invest hundreds of millions of dollars in the combined sewer/storm water system over the next several years to control the number of combined sewer overflows (CSOs) into receiving bodies of water, including Lake Washington and Puget Sound. This is per a CSO Consent Decree with the Environmental Protection Agency (EPA) and the Department of Ecology (DOE), which 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 protection, mitigation and enhancement activities. City Light is currently completing mitigation under the current Skagit license (expires in 2025); is well under way with Boundary License implementation; and began the process for obtaining a new Skagit license in 2019.

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 in FAS coordinates and oversee implementation of ADA improvements in certain City facilities, determines and reports compliance to DOJ, and reviews and modifies 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, the City added staffing dedicated to monitoring ADA compliance of new projects. All capital departments have a specific ADA coordinator and large departments such as Department of Parks and Recreation, SDOT, FAS have dedicated ADA staffing.

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. Today, Seattle's Historic Preservation Program encompasses eight historic districts located across the City and more than 400 designated landmarks. The City currently owns or maintains many of those landmarks, including libraries, park buildings, and fire stations.

Parks and Recreation

Overview

Seattle Parks and Recreation (SPR) manages more than 6,400+ acres of park land, extensive natural areas, and over 485 parks. 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, three environmental education centers, two small craft centers, four golf courses, an outdoor stadium, and much more.

Seattle's parks and recreation system provides numerous benefits to the people of Seattle—healthy people, a healthy environment, and strong communities. These benefits are grounded in 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 supporting Seattle's parks and recreation system is so vital.

Thematic Priorities

SPR's Capital Improvement Program (CIP) is focused on promoting healthy people, a healthy environment, and strong communities by preserving, enhancing, and expanding the physical assets where all of the people of Seattle can play, learn, contemplate, and build community. As described in the Project Selection Criteria section, SPR uses an Asset Management Plan which measures each identified 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. The plan brings forward **race and social equity** as foundational core value which SPR also leverages in our capital planning efforts.

SPR updated the six-year **Parks and Open Space Plan** in 2017 to be consistent with Seattle 2035 among other planning efforts. The Plan is required by the Washington State Recreation and Conservation Office (RCO) to maintain the City's eligibility for state grants and funding programs supporting outdoor recreation development and open space acquisition. The next update of the plan will be due in 2023 with work starting in 2022 which will also align with SPR's Strategic Plan and CAPRA efforts. The planning efforts will continue to focus on developing an accessible and integrated open space and recreation system in Seattle in tandem with any amendments to the City's Comprehensive Plan.

Light Rail Station Planning, SPR's Planning and Development staff are involved in regional planning for new high capacity transit to North Seattle. Sound Transit's Lynwood Link Extension will extend service north to Lynnwood including light rail stations at NE 130th Street and NE 148th Street (recently renamed the Shoreline South/148th Station). Bus rapid transit service, connecting the Shoreline South/148th Station to Bothell, will include several stations in Seattle along NE 145th Street. SPR will be considering impacts like the growing population in the station area in the design of Lake City Community Center; potential parking restrictions needed at public spaces near light rail stations (Jackson Park Golf Course, Northacres Park, Helene Madison Pool) to increase parking

availability for visitors and ensure parking is not used by all-day commuters; Sound Transit's reforestation plans, among others.

SPR is also engaged in Citywide planning for ST3 as most alignments under discussion impact SPR land.

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 working towards urban forest restoration goals, such as those outlined in the Green Seattle Partnership.

SPR is also 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.

SPR Strategic Plan/Park District/Lines of Business

In March 2020, SPR completed a long-range Strategic Plan identifying goals to guide our work in 2020-2032. Since this plan was completed, the department's priority has been on pandemic response and recovery. To make this plan relevant to our day-to-day work going forward, SPR is identifying near-term priorities that focus on pandemic and economic recovery for BIPOC communities experiencing disproportionate impact. In 2022, SPR will generate a 3-5-year action plan with specific goals and targets to focus current capital and operating resources and services and identify funding gaps. This work will inform 2023 capital and operating Park District investments which may shift the department's capital and programmatic budgets to better serve current community needs through an equity lens.

CAPRA Accreditation

The Commission for Accreditation of Park and Recreation Agencies (CAPRA) is a parks and recreation agency accreditation process that helps departments throughout the nation understand and meet NRPA's industry standards for a high-quality department. CAPRA requires a deep evaluation of all policies, plans, processes, procedures, programs, and services in SPR's portfolio to center equity, healthy people, healthy environment, and strong communities.

A multi-year effort, the first tasks include an equity analysis of SPR lines of business, an inventory of existing policies, plans, processes, procedures, programs, and services, and the creation of an action plan for the official CAPRA process included in the strategic planning effort described above.

For the line of business equity analysis, the department is researching the historical harm parks and recreation systems (including SPR) have done to marginalized communities. During the Strategic Plan outreach, the department will share lessons learned with marginalized communities and ask them what SPR can change to avoid doing harm in the future. CAPRA-related work will continue beyond 2022 and will include a two-year formal accreditation process.

Project Selection Criteria

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 documents 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 and climate mitigation strategies.

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.

Projects are prioritized based on the criteria above and are budgeted based on their projected spend. Many of our projects last at least two years. Less money is required in the first year/or years of a discretionary project during the Planning and Design phases than for Construction in the later years, and the budget is planned accordingly. When project timelines shift; due to a variety of factors; funding is adjusted to align with the revised spending projections.

2022-2027 CIP Highlights

SPR's 2022-2027 CIP budget is \$95.8 million in 2022 and reflects a wide range of discrete projects and ongoing programs with a mix of funding sources. The 2022 Proposed CIP begins to restore funding to SPR's 6-year plan following significant reductions in 2020 and 2021 resulting from the COVID-19 pandemic.

Due to the magnitude of the reductions to SPR's CIP in both 2020 and 2021, not all projects that were cut will be restored and some projects are still delayed. SPR prioritized projects with a focus on BIPOC communities resulting in the realignment of some funds. See below for details.

2022: Key Changes by Fund

Real Estate Excise Tax (REET): In the 2021 Adopted CIP, SPR's REET funding was reduced by 46.5%, amounting to \$19.3 million, with the total 2021-2026 6-year reduction totaling \$51M. The reductions impacted major maintenance, athletic field conversions, acquisitions, community center rehabilitation and development, comfort station and play area renovations, ADA, and urban forestry. Additionally, such deep cuts led to the full

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or partial elimination of funding for many of SPR's ongoing programs (i.e., boilers, ballfield lighting, play area safety, electrical systems, landscape renovation, trails, irrigation systems, etc.)

In recognition of these unsustainable reductions, the proposed CIP invests nearly \$22.9 million of REET in 2022 as described below:

CIP Project / Sub Project	Census Tract RSEI Value	2022 REET
Fund Restoration		
Major Maintenance Backlog & Asset Management	Citywide	700,000
Parks & Open Space Plan	Citywide	120,000
Siemens HVAC Monitoring System Upgrade	Citywide	250,000
Rainier CC Play Area Renovation	Highest Need/Disadvantage	400,000
Emergency Management Projects	Highest Need/Disadvantage	459,000
Magnuson Park Junior League Play Area	Middle Need/Disadvantage	600,000
Mount Baker Comfort Station Renovation	Highest Need/Disadvantage	720,000
Boat Ramps Renovations (Don Armeni and Stan Sayres)	Disadvantage Citywide	1,600,000
Maple Wood Playfield Renovations	Highest Need/Disadvantage	1,000,000
Be'er Sheva Park Renovation	Highest Need/Disadvantage	250,000
Outdoor Sport Court Renovation Program	Citywide	50,000
Roof & Building Envelope Program	Multiple	600,000
Boiler and Mechanical System Replacement Program	Citywide	200,000
Mt Baker Bathhouse and Accessible Beach Renovation	Second Highest Need/Disadvantage	2,000,000
Garfield Playfield Renovation	Second Highest Need/Disadvantage	1,000,000
South Park Campus Improvements	Highest Need/Disadvantage	1,000,000
Community Center Rehabilitation & Development		
South Park Community Center	Highest Need/Disadvantage	1,000,000
Soundview Athletic Field Conversion	Second Lowest Need/Disadvantage	(2,314,000)
Boat Moorage Restoration	Second Lowest Need/Disadvantage	2,314,000
Carkeek Park Pedestrian Bridge Replacement	Second Highest Need/Disadvantage	2,214,000
Neighborhood Response Program	Citywide	50,000
ADA Program	Multiple	2,500,000
Other/Partnerships		
Major Projects Challenge Fund	Multiple	500,000
Green Lake Small Craft Center	Lowest Disadvantage	750,000
Major Maintenance Backlog & Asset Management		
Outdoors For All	Middle Need/Disadvantage	1,500,000
Municipal Energy Efficiency Projects	Citywide	847,000
Pier 58 Replacement	Second Highest Disadvantage	3,000,000
Technical Adjustments for Debt-Service Payments	N/A	-411,000
Total REET Restoration		22,899,000

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SPR prioritized their restored REET funding with a focus on equity¹. 60% of the restored funding in 2022 will be used for projects in census tracts identified as ‘Highest or Second Highest Need/Disadvantaged’ by OPCD’s Race and Social Equity Index. Approximately 36% are citywide programs, and the remaining 4% will be used for projects in the Middle Need/Disadvantaged tracts.

Seattle Park District (MPD): In the 2021 Adopted CIP, \$11 million of Park District capital funds were used to offset losses in Parks’ operating fund and the General Fund, resulting in capital project delays and a \$7.7 million ongoing reduction to Parks’ budget for major maintenance (-\$4.4 million), major projects challenge fund (\$-1.8 million), and acquisitions (-\$1.5 million). The 2022 Proposed CIP restores MPD funding to these projects and then realigns \$5.4 million to cover inflation-based operating costs and fund new equity investments. See the table below and the 2022 Proposed Operating budget for more details on these changes:

Capital Project / Operating Initiative	2022 MPD Amount	Realignment
Major Maintenance Backlog & Asset Management	4,400,000	(4,100,000)
Central Costs/AWI		3,100,000
Utilities		1,000,000
Major Projects Challenge Fund	1,800,000	(300,000)
MPCF to Equity Fund Transition		300,000
Acquisitions	1,500,000	(1,000,000)
Workforce Equity Investments		1,000,000
Total	7,700,000	(5,400,000)

In addition to these changes, the 2022 Proposed CIP makes technical adjustments to the Park District capital budget to align with the 2022 MPD spending plan; these changes primarily impact the Lake City Community Center Improvements and the Parks Central Waterfront Piers Rehabilitation projects. See Key Changes by Project section for more details.

Cumulative Reserve Subfund (CRS-U) and Park Fund (10200): The 2022 Proposed CIP also includes \$5 million of CRS-U and \$6 million of Park Fund appropriations for various projects as described below.

2022: Key Changes by Project

Capital Project	2022 Changes	2022 Total Budget	Notes
ADA Compliance	+\$2.5M REET	\$4,000,000	To address citations at multiple locations.
Boat Moorage Restoration	+\$2.3M REET	\$2,314,000	Funds needed for construction at Leschi.
Community Center Rehabilitation & Development	+\$1M REET	\$2,678,013	Part of a package of investments in SPR’s CIP for South Park Community Center and Campus.
Develop 14 New Parks at Land-Banked Sites	+\$3.5M Park Fund	\$3,500,000	Partial restoration of COVID-related cut using one-time Park Fund balance.

¹ These numbers exclude the \$1.5 million commitment to Outdoors For All which is not considered part of SPR’s “restored REET funding”.

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Lake City Community Center Improvements	-\$5M MPD +5M Park Fund Reserve	-	Shifts MPD funding to 2023 to align with MPD spend plan and adds a reserve in the Park Fund for future appropriation to align with project timeline.
Major Maintenance Backlog and Asset Management	+\$11.5M REET; +\$2M CRS-U; +\$160,000 MPD	\$28,632,086	REET funds multiple projects as described above including \$1M for Outdoors for All; CRS-U funding for site-restoration; MPD supplements base funding for projects.
Major Projects Challenge Fund	+\$1.25M REET; +\$1.5M MPD	\$2,760,253	Funds will be distributed to Green Lake Small Craft Center and South Park Community Center and Campus and potentially new Equity Fund.
Municipal Energy Efficiency Program	+\$847,000 REET	\$847,000	Funds multiple projects in coordination with OSE and FAS
Neighborhood Response Program	+\$50,000 REET	\$250,000	Restores COVID-related cut.
Park Land Acquisition and Leverage Fund	+\$1M Park Fund; +\$500,000 MPD	\$2,581,566	\$1.5 million MPD funding was restored following budget cuts in 2020 and 2021. \$1 million is proposed to be realigned to support SPR equity initiatives. One-time Park Fund balance is appropriated to offset that realignment and replenish SPR's fund for acquisitions.
Parks Central Waterfront Piers Rehabilitation	+\$1.5M Park Fund; +\$3M REET; +\$3M CRS-U; +\$936,000 MPD	\$15,213,192	Includes funding for Pier 58 and Pier 63 as well as updates to align with the waterfront and MPD spend plans. The \$1.5 million Park Fund add is backed by grant revenue.
Soundview Athletic Field Conversion	- \$2.3M REET	-	Shifts funding to 2023 and 2024 to align with project timing.
South Park Campus Improvements	+\$1M REET	\$1,000,000	Part of a package of investments in SPR's CIP for South Park Community Center and Campus.
Carkeek Park Bridge Replacement Project	+\$2.2M REET	\$2,214,000	Emergent need before current bridge has to close.

2022: Other Changes

The 2022-2027 Proposed Capital Improvement Program includes other technical and/or budget neutral adjustments including:

- Aligning debt service payments with the actual debt service schedule; and
- Balancing the Park District capital budget by initiative to align with the 2022 MPD spending plan.

2022-2027 Proposed Capital Improvement Program

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 are typically 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). The first cycle of the Park District spanned from 2015-2020 (and then was extended through 2022). Planning for the second cycle is delayed due to the COVID-19 pandemic. In 2021, the Park District maintained its 2020 funding level but with a greater proportion of the budget going towards SPR's operating costs. Capital projects that continue to be delayed or deferred due to this change will be reevaluated for future funding as part of the next 6-year Park District planning process set to begin in 2022 for the 2023-2028 cycle.

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. Due to significant revenue losses in the REET fund resulting from the COVID-19 pandemic, SPR's REET allocation was reduced across the 2020-2026 CIP. Priorities for restoration of REET funding is described above. Project funding may be further reinstated in future years when REET revenues recover, or as part of the next 6-year planning process for the Park District.

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. 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 continues to spend down existing appropriations.

Summary of Upcoming Budget Issues and Challenges

Waterfront

Pier 63 is one of two historic piers that make up Pier 62/63 Park on the Waterfront. This is the park that used to host the Concerts on the Pier. It was originally slated to be replaced as part of the Waterfront program with Pier 62, however, due to a lack of funding was removed from the program several years ago. In addition, due to continued structural deterioration, Pier 63 was closed to the public during Pier 62 replacement and emergency shoring was added to the Pier to keep it from having a catastrophic failure.

This change request adds \$3 million of CRS-U funds and \$1.5 million reimbursable funding authority for a state grant provided in the 2023-2025 State Capital Budget to demolish Pier 63 without replacement. Replacing the Pier is expected to cost over \$30 million. Demolishing the pier without replacement is recommended as the

most cost-effective path for the Pier and maintaining public safety. In addition, demolishing the pier provides environmental benefits by reducing overwater coverage on Elliott Bay and removing creosote treated wooden piles. An additional benefit is that SPR and the Office of the Waterfront and Civic Projects are working with permitting agencies to develop a process for 'banking' mitigation credits for removal of overwater coverage that could be used for other City projects at waterfront projects throughout Seattle.

Replacement of Pier 58 is another goal of the Waterfront Seattle program. Replacement of this SPR facility is funded primarily through funds from the Waterfront Local Improvement District (LID) and Friends of Waterfront Seattle. In 2020, the Office of the Waterfront and Civic Projects worked with SPR and SDOT to conduct an emergency removal of the pier. This change request adds \$3 million of additional REET funds to partially address a 7.5% increase (\$5 million) in the estimated project cost.

Gas Works Park

Additional in-water remediation work at Gas Works Park is still being planned with the project costs split between SPR and SPU. While this issue does not impact the 2022 budget, this is a future liability which SPR will continue to monitor.

ADA Barrier Removal Schedule

Addressing identified access issues in alignment with the ADA Barrier Removal Schedule (BRS) coupled with SPR's ongoing ADA work far exceeds the historic annual funding. Based on a conceptual level planning estimate, to address the BRS, SPR would need \$3.8 million annually over the next 20 years; this only addresses the BRS issues, not the total ADA needs across the entire parks and recreation system. A long-term solution to this issue will be considered as part of the next Park District cycle.

Park District

Restoring the REET and Park District cuts across SPR's CIP will place a significant burden on the next cycle of the Park District, which already has a number of commitments and unfunded needs. The Seattle Park District 6-year planning cycle was put on hold for two years due to the COVID-19 pandemic, with funding maintained at 2021 levels in the 2022 Proposed Budget. Planning for the next cycle (2023-2028) is set to begin in 2022.

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 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	15,168	32	-	-	-	-	-	-	15,200
Real Estate Excise Tax II	3,800	-	-	-	-	-	-	-	3,800
Seattle Voter-Approved Levy	-	-	-	-	-	-	-	-	-
Total:	18,968	32	-	-	-	-	-	-	19,000
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	-	-	-	-	-	-	-	-	-
REET I Capital Fund	15,168	32	-	-	-	-	-	-	15,200
REET II Capital Fund	3,800	-	-	-	-	-	-	-	3,800
Total:	18,968	32	-	-	-	-	-	-	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

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	2021 Revised	2022	2023	2024	2025	2026	2027	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	2021 Revised	2022	2023	2024	2025	2026	2027	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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	14	-	-	-	-	-	-	-	14
Total:	14	-	-	-	-	-	-	-	14
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	22,602	1,804	-	-	-	-	-	-	24,406
Total:	22,602	1,804	-	-	-	-	-	-	24,406
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	22,602	1,804	-	-	-	-	-	-	24,406
Total:	22,602	1,804	-	-	-	-	-	-	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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	7,875	574	-	-	-	-	-	-	8,450
Total:	7,875	574	-	-	-	-	-	-	8,450
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2000 Parks Levy Fund	1,975	-	-	-	-	-	-	-	1,975
2008 Parks Levy Fund	5,900	574	-	-	-	-	-	-	6,475
Total:	7,875	574	-	-	-	-	-	-	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
King County Voter-Approved Levy	-	-	-	-	-	-	-	-	-
Seattle Voter-Approved Levy	156	14	-	-	-	-	-	-	169
Total:	156	14	-	-	-	-	-	-	170
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	156	14	-	-	-	-	-	-	169
King County Parks Levy Fund	-	-	-	-	-	-	-	-	-
Total:	156	14	-	-	-	-	-	-	170

O&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 3 - Design	Council District:	Council District 3
Start/End Date:	2014 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	93	657	-	-	-	-	-	-	750
Total:	93	657	-	-	-	-	-	-	750
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	93	657	-	-	-	-	-	-	750
Total:	93	657	-	-	-	-	-	-	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

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 - 2022	Neighborhood District:	Southeast
Total Project Cost:	\$639	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	635	4	-	-	-	-	-	-	639
Total:	635	4	-	-	-	-	-	-	639
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	635	4	-	-	-	-	-	-	639
Total:	635	4	-	-	-	-	-	-	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

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 5 - Construction	Council District:	Council District 2
Start/End Date:	2018 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Private Funding/Donations	-	500	-	-	-	-	-	-	500
Seattle Voter-Approved Levy	494	6	-	-	-	-	-	-	500
Total:	494	506	-	-	-	-	-	-	1,000

Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	494	506	-	-	-	-	-	-	1,000
Total:	494	506	-	-	-	-	-	-	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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	143	423	-	-	-	-	-	-	566
Total:	143	423	-	-	-	-	-	-	566
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	143	423	-	-	-	-	-	-	566
Total:	143	423	-	-	-	-	-	-	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

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 6 - Closeout	Council District:	Council District 1
Start/End Date:	2013 - 2022	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$1,700	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	444	1,255	-	-	-	-	-	-	1,700
Total:	444	1,255	-	-	-	-	-	-	1,700
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	444	1,255	-	-	-	-	-	-	1,700
Total:	444	1,255	-	-	-	-	-	-	1,700

O&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 - 2024	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	899	951	-	-	-	-	-	-	1,850
Total:	899	951	-	-	-	-	-	-	1,850
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	899	951	-	-	-	-	-	-	1,850
Total:	899	951	-	-	-	-	-	-	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

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 5 - Construction	Council District:	Multiple
Start/End Date:	2014 - 2022	Neighborhood District:	Multiple
Total Project Cost:	\$2,347	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	813	1,535	-	-	-	-	-	-	2,347
Total:	813	1,535	-	-	-	-	-	-	2,347
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	813	1,535	-	-	-	-	-	-	2,347
Total:	813	1,535	-	-	-	-	-	-	2,347

O&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 5 - Construction	Council District:	Council District 1
Start/End Date:	2014 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	1,239	11	-	-	-	-	-	-	1,250
Total:	1,239	11	-	-	-	-	-	-	1,250
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	1,239	11	-	-	-	-	-	-	1,250
Total:	1,239	11	-	-	-	-	-	-	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

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 6 - Closeout	Council District:	Council District 6
Start/End Date:	2014 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	363	853	-	-	-	-	-	-	1,216
Total:	363	853	-	-	-	-	-	-	1,216
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	363	853	-	-	-	-	-	-	1,216
Total:	363	853	-	-	-	-	-	-	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

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 5 - Construction	Council District:	Council District 1
Start/End Date:	2014 - 2023	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	134	1,059	-	-	-	-	-	-	1,193
Total:	134	1,059	-	-	-	-	-	-	1,193
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	134	1,059	-	-	-	-	-	-	1,193
Total:	134	1,059	-	-	-	-	-	-	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

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 5 - Construction	Council District:	Council District 4
Start/End Date:	2014 - 2021	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	2,137	16	-	-	-	-	-	-	2,152
Total:	2,137	16	-	-	-	-	-	-	2,152
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	2,137	16	-	-	-	-	-	-	2,152
Total:	2,137	16	-	-	-	-	-	-	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

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 6 - Closeout	Council District:	Council District 3
Start/End Date:	2014 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	1,038	276	-	-	-	-	-	-	1,314
Total:	1,038	276	-	-	-	-	-	-	1,314
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	1,038	276	-	-	-	-	-	-	1,314
Total:	1,038	276	-	-	-	-	-	-	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

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 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	1,051	18	-	-	-	-	-	-	1,069
Total:	1,051	18	-	-	-	-	-	-	1,069
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	1,051	18	-	-	-	-	-	-	1,069
Total:	1,051	18	-	-	-	-	-	-	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

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 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Voter-Approved Levy	2,420	8	-	-	-	-	-	-	2,428
Total:	2,420	8	-	-	-	-	-	-	2,428
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	2,420	8	-	-	-	-	-	-	2,428
Total:	2,420	8	-	-	-	-	-	-	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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
King County Funds	1,541	9,759	300	300	300	300	300	300	13,100
Park and Recreation Fund	-	-	1,000	-	-	-	-	-	1,000
Private Funding/Donations	-	100	-	-	-	-	-	-	100
Seattle Park District Revenues	8,497	1,614	1,282	1,353	1,386	1,421	1,457	1,493	18,503
Total:	10,038	11,473	2,582	1,653	1,686	1,721	1,757	1,793	32,703
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	687	9,213	1,300	300	300	300	300	300	12,700
Seattle Park District Fund	8,497	1,614	1,282	1,353	1,386	1,421	1,457	1,493	18,503
Unrestricted Cumulative Reserve Fund	854	646	-	-	-	-	-	-	1,500
Total:	10,038	11,473	2,582	1,653	1,686	1,721	1,757	1,793	32,703

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
King County Funds	-	150	-	-	-	-	-	-	150
Misc Future Revenue/Grants	-	30	-	-	-	-	-	-	30
Private Funding/Donations	-	3,492	-	-	-	-	-	-	3,492
Real Estate Excise Tax I	-	-	1,250	-	-	-	-	-	1,250
Seattle Park District Revenues	2,644	5,766	1,510	1,594	1,634	1,675	1,717	1,760	18,301
State Grant Funds	-	2,510	-	-	-	-	-	-	2,510
Total:	2,644	11,948	2,760	1,594	1,634	1,675	1,717	1,760	25,733
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	-	6,182	-	-	-	-	-	-	6,182
REET I Capital Fund	-	-	1,250	-	-	-	-	-	1,250
Seattle Park District Fund	2,644	5,766	1,510	1,594	1,634	1,675	1,717	1,760	18,301
Total:	2,644	11,948	2,760	1,594	1,634	1,675	1,717	1,760	25,733

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Miscellaneous Revenues	265	805	-	-	-	-	-	-	1,070
Park and Recreation Fund	-	-	3,500	-	-	-	-	-	3,500
Seattle Park District Revenues	8,684	5,285	-	-	-	-	-	-	13,969
Total:	8,949	6,090	3,500	-	-	-	-	-	18,539
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	265	805	3,500	-	-	-	-	-	4,570
Seattle Park District Fund	8,684	5,285	-	-	-	-	-	-	13,969
Total:	8,949	6,090	3,500	-	-	-	-	-	18,539

O&M Impacts: NA

¹Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Park District Revenues	654	333	232	237	243	249	255	262	2,465
Total:	654	333	232	237	243	249	255	262	2,465
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Park District Fund	654	333	232	237	243	249	255	262	2,465
Total:	654	333	232	237	243	249	255	262	2,465

O&M Impacts: NA

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:		Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$4,166	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Interfund Loan	-	559	-	-	-	-	-	-	559
Miscellaneous Grants or Donations	-	250	-	-	-	-	-	-	250
Real Estate Excise Tax I	30	-	-	-	-	-	-	-	30
Seattle Park District Revenues	1,020	2,057	-	-	-	-	-	-	3,077
State Grant Funds	15	235	-	-	-	-	-	-	250
Total:	1,065	3,101	-	-	-	-	-	-	4,166
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	15	485	-	-	-	-	-	-	500
REET I Capital Fund	30	-	-	-	-	-	-	-	30
Seattle Park District Fund	1,020	2,616	-	-	-	-	-	-	3,636
Total:	1,065	3,101	-	-	-	-	-	-	4,166

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

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:	\$34,290	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. (Interfund Loan repaid with REET and shown as double budgeted in appropriation table.)

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Interfund Loan	250	-	-	-	-	-	-	-	250
LTGO Bond Proceeds	-	9,000	11,975	4,000	-	-	-	-	24,975
Real Estate Excise Tax I	2,167	2,458	-	-	-	-	-	-	4,625
Real Estate Excise Tax II	4,440	-	-	-	-	-	-	-	4,440
Total:	6,857	11,458	11,975	4,000	-	-	-	-	34,290
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2021 Taxable LTGO Bond Fund	-	9,000	-	-	-	-	-	-	9,000
2022 LTGO Taxable Bond Fund	-	-	11,975	-	-	-	-	-	11,975
2023 LTGO Taxable Bond Fund	-	-	-	4,000	-	-	-	-	4,000
Central Waterfront Improvement Fund	250	-	-	-	-	-	-	-	250
REET I Capital Fund	2,167	2,458	-	-	-	-	-	-	4,625
REET II Capital Fund	4,440	-	-	-	-	-	-	-	4,440
Total:	6,857	11,458	11,975	4,000	-	-	-	-	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

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:	\$111,017	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 was substantially complete in July 2020. This project is part of the overall Central Waterfront program. (Interfund Loan will be repaid with Local Improvement District Bonds.)

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Interfund Loan - CWIF	-	331	-	-	-	-	-	-	331
Local Improvement District Funding	1,816	-	2,000	14,003	9,100	-	-	-	26,919
Miscellaneous Revenues	-	1,520	-	-	-	-	-	-	1,520
Private Funding/Donations	9,000	1,500	2,000	10,000	13,173	-	-	-	35,673
Real Estate Excise Tax I	-	5,032	-	-	-	-	-	-	5,032
Real Estate Excise Tax II	20,077	11	3,000	-	-	-	-	-	23,087
Seattle Park District Revenues	1,256	3,468	3,713	664	-	-	-	-	9,102
Seawall Levy	3,302	-	-	-	-	-	-	-	3,303
State Grant Funds	-	-	1,500	-	-	-	-	-	1,500
Street Use Fees	336	214	-	-	-	-	-	-	550
Street Vacations - CRSU	466	534	3,000	-	-	-	-	-	4,000
Total:	36,252	12,612	15,213	24,667	22,273	-	-	-	111,017

Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Alaskan Way Seawall	1,495	-	-	-	-	-	-	-	1,495
Alaskan Way Seawall Const Fund	1,808	-	-	-	-	-	-	-	1,808
Beach Maintenance Fund	-	1,520	-	-	-	-	-	-	1,520
Central Waterfront Improvement Fund	11,151	2,046	2,000	10,000	13,173	-	-	-	38,370
Park And Recreation Fund	-	-	1,500	-	-	-	-	-	1,500
REET I Capital Fund	-	5,032	-	-	-	-	-	-	5,032
REET II Capital Fund	20,077	11	3,000	-	-	-	-	-	23,087
Seattle Park District Fund	1,256	3,468	3,713	664	-	-	-	-	9,102
Unrestricted Cumulative Reserve Fund	466	534	3,000	-	-	-	-	-	4,000
Waterfront LID #6751	-	-	2,000	14,003	9,100	-	-	-	25,103
Total:	36,252	12,612	15,213	24,667	22,273	-	-	-	111,017

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Athletic Field Revenues	384	1,716	600	600	600	600	600	600	5,700
Miscellaneous Grants or Donations	-	200	-	-	-	-	-	-	200
Real Estate Excise Tax II	2,564	263	-	-	-	-	-	-	2,827
Total:	2,947	2,180	600	600	600	600	600	600	8,727
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	384	1,916	600	600	600	600	600	600	5,900
REET II Capital Fund	2,564	263	-	-	-	-	-	-	2,827
Total:	2,947	2,180	600	600	600	600	600	600	8,727

O&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 6 - Closeout	Council District:	Council District 2
Start/End Date:	2019 - 2021	Neighborhood District:	Downtown
Total Project Cost:	\$2,177	Urban Village:	Downtown

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

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Park District Revenues	2,150	27	-	-	-	-	-	-	2,177
Total:	2,150	27	-	-	-	-	-	-	2,177
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Park District Fund	2,150	27	-	-	-	-	-	-	2,177
Total:	2,150	27	-	-	-	-	-	-	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

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 - 2024	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Private Funding/Donations	1,603	8,397	-	-	-	-	-	-	10,000
Total:	1,603	8,397	-	-	-	-	-	-	10,000
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	1,603	8,397	-	-	-	-	-	-	10,000
Total:	1,603	8,397	-	-	-	-	-	-	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

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 3 - Design	Council District:	Council District 7
Start/End Date:	2019 - 2023	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
King County Voter-Approved Levy	23	249	-	-	-	-	-	-	272
Real Estate Excise Tax II	117	258	-	-	-	-	-	-	375
Total:	140	507	-	-	-	-	-	-	647
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
King County Parks Levy Fund	23	249	-	-	-	-	-	-	272
REET II Capital Fund	117	258	-	-	-	-	-	-	375
Total:	140	507	-	-	-	-	-	-	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

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 3 - Design	Council District:	Council District 1
Start/End Date:	2019 - 2024	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$7,870	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Private Funding/Donations	-	4,000	-	-	-	-	-	-	4,000
Real Estate Excise Tax I	-	-	1,000	-	-	-	-	-	1,000
Real Estate Excise Tax II	229	1,571	-	-	-	-	-	-	1,800
State Grant Funds	-	1,070	-	-	-	-	-	-	1,070
Total:	229	6,642	1,000	-	-	-	-	-	7,870
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	-	5,070	-	-	-	-	-	-	5,070
REET I Capital Fund	-	-	1,000	-	-	-	-	-	1,000
REET II Capital Fund	229	1,571	-	-	-	-	-	-	1,800
Total:	229	6,642	1,000	-	-	-	-	-	7,870

O&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 6 - Closeout	Council District:	Council District 1
Start/End Date:	2019 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Private Funding/Donations	190	760	-	-	-	-	-	-	950
Total:	190	760	-	-	-	-	-	-	950
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	190	760	-	-	-	-	-	-	950
Total:	190	760	-	-	-	-	-	-	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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	21	-	-	-	-	-	-	-	21
Private Funding/Donations	204	305	-	-	-	-	-	-	509
Total:	225	305	-	-	-	-	-	-	530
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	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

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:	\$37,154	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Private Funding/Donations	7,572	168	171	168	173	173	-	-	8,425
Real Estate Excise Tax I	1,747	-	-	-	-	-	-	-	1,747
Real Estate Excise Tax II	19,257	1,548	1,542	1,543	1,546	1,546	-	-	26,982
Total:	28,576	1,716	1,713	1,711	1,719	1,719	-	-	37,154
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	879	168	171	168	173	173	-	-	1,732
REET I Capital Fund	1,747	-	-	-	-	-	-	-	1,747
REET II Capital Fund	19,257	1,548	1,542	1,543	1,546	1,546	-	-	26,982
Unrestricted Cumulative Reserve Fund	6,693	-	-	-	-	-	-	-	6,693
Total:	28,576	1,716	1,713	1,711	1,719	1,719	-	-	37,154

O&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:	\$4,191	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	2,649	222	218	219	220	221	221	220	4,191
Total:	2,649	222	218	219	220	221	221	220	4,191
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	2,649	222	218	219	220	221	221	220	4,191
Total:	2,649	222	218	219	220	221	221	220	4,191

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

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 - 2023	Neighborhood District:	Multiple
Total Project Cost:	\$17,924	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Golf Revenues	-	1,400	-	-	-	-	-	-	1,400
LTGO Bond Proceeds	15,783	741	-	-	-	-	-	-	16,524
Total:	15,783	2,141	-	-	-	-	-	-	17,924
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2010 Multipurpose LTGO Bond Fund	863	-	-	-	-	-	-	-	863
2011 Multipurpose LTGO Bond Fund	2,049	-	-	-	-	-	-	-	2,049
2012 Multipurpose LTGO Bond Fund	4,056	187	-	-	-	-	-	-	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	1,521	479	-	-	-	-	-	-	2,000
Park And Recreation Fund	-	1,400	-	-	-	-	-	-	1,400
Total:	15,783	2,141	-	-	-	-	-	-	17,924

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Golf Revenues	2,426	68	-	-	-	-	-	-	2,495
King County Voter-Approved Levy	3,955	1,551	1,155	1,154	1,151	1,144	1,072	1,072	12,254
Total:	6,382	1,619	1,155	1,154	1,151	1,144	1,072	1,072	14,749
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
King County Parks Levy Fund	3,955	1,551	1,155	1,154	1,151	1,144	1,072	1,072	12,254
Unrestricted Cumulative Reserve Fund	2,426	68	-	-	-	-	-	-	2,495
Total:	6,382	1,619	1,155	1,154	1,151	1,144	1,072	1,072	14,749

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

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:	\$9,720	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	576	1	-	-	-	-	-	-	577
Concession Revenues	40	-	-	-	-	-	-	-	40
LTGO Bond Proceeds	39	-	-	-	-	-	-	-	39
Real Estate Excise Tax I	8,002	531	531	-	-	-	-	-	9,063
Total:	8,657	532	531	-	-	-	-	-	9,720
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	40	-	-	-	-	-	-	-	40
Parks 2002 Capital Facilities Bond Fund	39	-	-	-	-	-	-	-	39
REET I Capital Fund	8,002	531	531	-	-	-	-	-	9,063
Unrestricted Cumulative Reserve Fund	576	1	-	-	-	-	-	-	577
Total:	8,657	532	531	-	-	-	-	-	9,720

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	402	-	-	-	-	-	-	-	402
Miscellaneous Grants or Donations	175	-	-	-	-	-	-	-	175
Real Estate Excise Tax I	2,110	150	-	-	-	-	-	-	2,260
Real Estate Excise Tax II	834	601	120	220	170	670	1,040	1,040	4,695
State Grant Funds	68	86	-	-	-	-	-	-	154
Total:	3,590	836	120	220	170	670	1,040	1,040	7,686
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Gasworks Park Contamination Remediation Fund	402	-	-	-	-	-	-	-	402
Park And Recreation Fund	243	86	-	-	-	-	-	-	329
REET I Capital Fund	2,110	150	-	-	-	-	-	-	2,260
REET II Capital Fund	834	601	120	220	170	670	1,040	1,040	4,695
Total:	3,590	836	120	220	170	670	1,040	1,040	7,686

O&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:	\$11,166	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	2,006	1	-	-	-	-	-	-	2,007
Real Estate Excise Tax I	1,210	1,199	986	985	1,168	1,206	1,203	1,202	9,159
Total:	3,216	1,200	986	985	1,168	1,206	1,203	1,202	11,166
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	2,006	1	-	-	-	-	-	-	2,007
REET I Capital Fund	1,210	1,199	986	985	1,168	1,206	1,203	1,202	9,159
Total:	3,216	1,200	986	985	1,168	1,206	1,203	1,202	11,166

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

Aquarium Expansion - Debt Service

Project No:	MC-PR-31009	BSL Code:	BC-PR-30000
Project Type:	Debt Service	BSL Name:	Debt and Special Funding
Project Category:	New Facility	Location:	1483 Alaskan Way
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	2020 - 2043	Neighborhood District:	Downtown
Total Project Cost:	\$10,054	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 supports debt service payments on 20-year Limited Tax General Obligation (LTGO) bonds issued in 2021 to pay for the Aquarium Expansion project (MC-PR-21006). The Aquarium Expansion project is part of the overall plan to repair and redevelop the Aquarium and the Central Waterfront area. The final total debt service cost over the course of the bond will be determined upon bond issuance in 2021.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	-	89	969	1,657	1,834	1,835	1,836	1,836	10,054
Total:	-	89	969	1,657	1,834	1,835	1,836	1,836	10,054
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	-	89	969	1,657	1,834	1,835	1,836	1,836	10,054
Total:	-	89	969	1,657	1,834	1,835	1,836	1,836	10,054

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
CRS Misc Revenues	-	-	2,000	-	-	-	-	-	2,000
King County Funds	22	53	-	-	-	-	-	-	75
Miscellaneous Revenues	-	17	-	-	-	-	-	-	17
Private Funding/Donations	-	79	-	-	-	-	-	-	79
Real Estate Excise Tax I	870	5,527	-	2,413	5,681	10,235	3,184	134	28,045
Real Estate Excise Tax II	3,059	7,603	15,289	-	920	-	7,253	8,419	42,544
Seattle Park District Revenues	55,028	29,891	11,343	11,821	12,117	12,420	12,730	12,740	158,088
State Grant Funds	577	1,451	-	-	-	-	-	-	2,028
Use of Fund Balance	113	-	-	-	-	-	-	-	113
Total:	59,670	44,621	28,632	14,234	18,718	22,655	23,167	21,293	232,989
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	387	1,600	-	-	-	-	-	-	1,987
REET I Capital Fund	870	5,527	-	2,413	5,681	10,235	3,184	134	28,045
REET II Capital Fund	3,059	7,603	15,289	-	920	-	7,253	8,419	42,544
Seattle Park District Fund	55,028	29,891	11,343	11,821	12,117	12,420	12,730	12,740	158,088
Unrestricted Cumulative Reserve Fund	325	-	2,000	-	-	-	-	-	2,325
Total:	59,670	44,621	28,632	14,234	18,718	22,655	23,167	21,293	232,989

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

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

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park and Recreation Fund	7	143	-	-	-	-	-	-	150
Real Estate Excise Tax I	-	2,286	2,282	-	-	-	-	-	4,568
Real Estate Excise Tax II	1,793	5,890	-	-	-	-	-	-	7,683
Seattle Park District Revenues	5,402	9,251	396	256	263	270	276	283	16,398
Total:	7,202	17,570	2,678	256	263	270	276	283	28,799
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	7	143	-	-	-	-	-	-	150
REET I Capital Fund	-	2,286	2,282	-	-	-	-	-	4,568
REET II Capital Fund	1,793	5,890	-	-	-	-	-	-	7,683
Seattle Park District Fund	5,402	9,251	396	256	263	270	276	283	16,398
Total:	7,202	17,570	2,678	256	263	270	276	283	28,799

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Park District Revenues	8,499	1,668	1,083	1,109	1,137	1,165	1,194	1,224	17,081
Total:	8,499	1,668	1,083	1,109	1,137	1,165	1,194	1,224	17,081
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Park District Fund	8,499	1,668	1,083	1,109	1,137	1,165	1,194	1,224	17,081
Total:	8,499	1,668	1,083	1,109	1,137	1,165	1,194	1,224	17,081

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Park District Revenues	3,003	1,222	1,252	1,283	1,315	1,348	1,382	1,416	12,221
Total:	3,003	1,222	1,252	1,283	1,315	1,348	1,382	1,416	12,221
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Park District Fund	3,003	1,222	1,252	1,283	1,315	1,348	1,382	1,416	12,221
Total:	3,003	1,222	1,252	1,283	1,315	1,348	1,382	1,416	12,221

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax II	2,643	3,270	2,087	2,140	2,194	2,249	2,305	2,363	19,251
Seattle Park District Revenues	6,036	48	-	-	-	-	-	-	6,084
Total:	8,679	3,318	2,087	2,140	2,194	2,249	2,305	2,363	25,335
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET II Capital Fund	2,643	3,270	2,087	2,140	2,194	2,249	2,305	2,363	19,251
Seattle Park District Fund	6,036	48	-	-	-	-	-	-	6,084
Total:	8,679	3,318	2,087	2,140	2,194	2,249	2,305	2,363	25,335

O&M Impacts: NA

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
King County Funds	806	715	-	-	-	-	-	-	1,521
Private Funding/Donations	-	25	-	-	-	-	-	-	25
Real Estate Excise Tax I	14	568	-	-	-	-	-	-	582
State Grant Funds	221	479	-	-	-	-	-	-	700
Use of Fund Balance	(21)	21	-	-	-	-	-	-	-
Total:	1,020	1,808	-	-	-	-	-	-	2,828
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Beach Maintenance Fund	335	265	-	-	-	-	-	-	600
Park And Recreation Fund	421	975	-	-	-	-	-	-	1,396
REET I Capital Fund	14	568	-	-	-	-	-	-	582
Unrestricted Cumulative Reserve Fund	250	-	-	-	-	-	-	-	250
Total:	1,020	1,808	-	-	-	-	-	-	2,828

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	100	-	-	-	-	-	-	-	100
Real Estate Excise Tax II	1,576	2	-	-	-	-	-	-	1,579
Total:	1,676	2	-	-	-	-	-	-	1,679
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	100	-	-	-	-	-	-	-	100
REET II Capital Fund	1,576	2	-	-	-	-	-	-	1,579
Total:	1,676	2	-	-	-	-	-	-	1,679

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	556	-	-	-	-	-	-	-	556
Real Estate Excise Tax II	1,299	35	-	-	-	-	-	-	1,334
Total:	1,855	35	-	-	-	-	-	-	1,890
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	556	-	-	-	-	-	-	-	556
REET II Capital Fund	1,299	35	-	-	-	-	-	-	1,334
Total:	1,855	35	-	-	-	-	-	-	1,890

O&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. Future funding for this program depends on available resources.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	228	-	-	-	-	-	-	-	228
Real Estate Excise Tax II	3,526	72	-	-	-	-	-	-	3,598
Total:	3,754	72	-	-	-	-	-	-	3,826
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	228	-	-	-	-	-	-	-	228
REET II Capital Fund	3,526	72	-	-	-	-	-	-	3,598
Total:	3,754	72	-	-	-	-	-	-	3,826

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	111	-	-	-	-	-	-	-	111
Miscellaneous Grants or Donations	999	174	105	105	105	105	105	105	1,804
Real Estate Excise Tax I	589	125	125	125	-	-	-	-	964
Real Estate Excise Tax II	2,218	-	-	-	250	250	250	250	3,218
Total:	3,917	299	230	230	355	355	355	355	6,097
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	111	-	-	-	-	-	-	-	111
Park And Recreation Fund	246	174	105	105	105	105	105	105	1,050
REET I Capital Fund	589	125	125	125	-	-	-	-	964
REET II Capital Fund	2,218	-	-	-	250	250	250	250	3,218
Unrestricted Cumulative Reserve Fund	754	-	-	-	-	-	-	-	754
Total:	3,917	299	230	230	355	355	355	355	6,097

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

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 and other related work. 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Miscellaneous Grants or Donations	42	-	-	-	-	-	-	-	42
Real Estate Excise Tax I	240	-	-	-	-	-	-	-	240
Real Estate Excise Tax II	1,440	111	95	95	95	95	95	95	2,120
Total:	1,721	111	95	95	95	95	95	95	2,402
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	240	-	-	-	-	-	-	-	240
REET II Capital Fund	1,440	111	95	95	95	95	95	95	2,120
Unrestricted Cumulative Reserve Fund	42	-	-	-	-	-	-	-	42
Total:	1,721	111	95	95	95	95	95	95	2,402

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
CRS Misc Revenues	494	94	-	-	-	-	-	-	588
King County Funds	140	-	-	-	-	-	-	-	140
Real Estate Excise Tax I	7,255	-	-	-	-	-	-	-	7,255
Real Estate Excise Tax II	10,043	1,148	1,200	1,200	1,700	1,700	1,700	1,700	20,391
State Grant Funds	391	-	-	-	-	-	-	-	391
Total:	18,323	1,242	1,200	1,200	1,700	1,700	1,700	1,700	28,765
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	253	94	-	-	-	-	-	-	347
REET I Capital Fund	7,255	-	-	-	-	-	-	-	7,255
REET II Capital Fund	10,043	1,148	1,200	1,200	1,700	1,700	1,700	1,700	20,391
Unrestricted Cumulative Reserve Fund	772	-	-	-	-	-	-	-	772
Total:	18,323	1,242	1,200	1,200	1,700	1,700	1,700	1,700	28,765

O&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:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	5900 Lake Washington Blvd S
Current Project Stage:	N/A	Council District:	Council District 2
Start/End Date:	2008 - 2024	Neighborhood District:	Southeast
Total Project Cost:	\$1,101	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Miscellaneous Grants or Donations	984	27	-	-	-	-	-	-	1,011
Private Funding/Donations	-	90	-	-	-	-	-	-	90
Total:	984	117	-	-	-	-	-	-	1,101
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	153	117	-	-	-	-	-	-	270
Unrestricted Cumulative Reserve Fund	831	-	-	-	-	-	-	-	831
Total:	984	117	-	-	-	-	-	-	1,101

O&M Impacts:

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	243	-	-	-	-	-	-	-	243
Real Estate Excise Tax II	1,623	175	-	-	-	-	-	-	1,799
Total:	1,866	175	-	-	-	-	-	-	2,042

Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	243	-	-	-	-	-	-	-	243
REET II Capital Fund	1,623	175	-	-	-	-	-	-	1,799
Total:	1,866	175	-	-	-	-	-	-	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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	202	-	-	-	-	-	-	-	202
Real Estate Excise Tax II	759	73	-	-	-	-	-	-	832
Total:	962	73	-	-	-	-	-	-	1,035
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	202	-	-	-	-	-	-	-	202
REET II Capital Fund	759	73	-	-	-	-	-	-	832
Total:	962	73	-	-	-	-	-	-	1,035

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Property Sales and Interest Earnings	110	-	-	-	-	-	-	-	110
Real Estate Excise Tax I	1,252	305	305	-	-	-	-	-	1,862
Real Estate Excise Tax II	3,095	7	-	430	430	430	430	430	5,252
Total:	4,457	312	305	430	430	430	430	430	7,224
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	1,252	305	305	-	-	-	-	-	1,862
REET II Capital Fund	3,095	7	-	430	430	430	430	430	5,252
Unrestricted Cumulative Reserve Fund	110	-	-	-	-	-	-	-	110
Total:	4,457	312	305	430	430	430	430	430	7,224

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	410	-	-	-	-	-	-	-	410
Real Estate Excise Tax II	839	51	-	-	-	-	-	-	890
Total:	1,249	51	-	-	-	-	-	-	1,300
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	410	-	-	-	-	-	-	-	410
REET II Capital Fund	839	51	-	-	-	-	-	-	890
Total:	1,249	51	-	-	-	-	-	-	1,300

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
King County Funds	6	-	-	-	-	-	-	-	6
Miscellaneous Grants or Donations	14	-	-	-	-	-	-	-	14
Real Estate Excise Tax I	45	-	-	-	-	-	-	-	45
Real Estate Excise Tax II	614	35	-	-	-	-	-	-	649
Total:	679	35	-	-	-	-	-	-	714
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	45	-	-	-	-	-	-	-	45
REET II Capital Fund	614	35	-	-	-	-	-	-	649
Unrestricted Cumulative Reserve Fund	20	-	-	-	-	-	-	-	20
Total:	679	35	-	-	-	-	-	-	714

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	40	-	-	-	-	-	-	-	40
Real Estate Excise Tax I	568	217	200	-	-	-	-	-	985
Real Estate Excise Tax II	1,877	182	-	200	550	550	550	550	4,459
Total:	2,485	399	200	200	550	550	550	550	5,485
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	568	217	200	-	-	-	-	-	985
REET II Capital Fund	1,877	182	-	200	550	550	550	550	4,459
Unrestricted Cumulative Reserve Fund	40	-	-	-	-	-	-	-	40
Total:	2,485	399	200	200	550	550	550	550	5,485

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Concession Revenues	286	14	-	-	-	-	-	-	300
Real Estate Excise Tax I	247	3,753	2,314	-	-	-	-	-	6,314
State Grant Funds	46	954	-	-	-	-	-	-	1,000
Use of Fund Balance	(31)	31	-	-	-	-	-	-	-
Total:	548	4,752	2,314	-	-	-	-	-	7,614

Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	15	985	-	-	-	-	-	-	1,000
REET I Capital Fund	247	3,753	2,314	-	-	-	-	-	6,314
Unrestricted Cumulative Reserve Fund	286	14	-	-	-	-	-	-	300
Total:	548	4,752	2,314	-	-	-	-	-	7,614

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	586	200	-	-	-	-	-	-	786
Real Estate Excise Tax II	1,369	135	200	200	200	200	200	200	2,704
Total:	1,955	335	200	200	200	200	200	200	3,490
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	586	200	-	-	-	-	-	-	786
REET II Capital Fund	1,369	135	200	200	200	200	200	200	2,704
Total:	1,955	335	200	200	200	200	200	200	3,490

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
King County Funds	120	-	-	-	-	-	-	-	120
Real Estate Excise Tax I	45	-	-	-	-	-	-	-	45
Real Estate Excise Tax II	367	24	-	-	-	-	-	-	391
Total:	532	24	-	-	-	-	-	-	556
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	45	-	-	-	-	-	-	-	45
REET II Capital Fund	367	24	-	-	-	-	-	-	391
Unrestricted Cumulative Reserve Fund	120	-	-	-	-	-	-	-	120
Total:	532	24	-	-	-	-	-	-	556

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
King County Funds	37	-	-	-	-	-	-	-	37
Private Funding/Donations	898	89	-	-	-	-	-	-	987
Real Estate Excise Tax I	718	205	50	-	-	-	-	-	973
Real Estate Excise Tax II	1,370	155	200	200	250	250	250	250	2,924
Total:	3,022	449	250	200	250	250	250	250	4,922
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	-	-	-	-	-	-	-	-	-
REET I Capital Fund	718	205	50	-	-	-	-	-	973
REET II Capital Fund	1,370	155	200	200	250	250	250	250	2,924
Unrestricted Cumulative Reserve Fund	935	89	-	-	-	-	-	-	1,024
Total:	3,022	449	250	200	250	250	250	250	4,922

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Federal Grant Funds	600	-	-	-	-	-	-	-	600
Miscellaneous Grants or Donations	42	-	-	-	-	-	-	-	42
Real Estate Excise Tax I	757	-	-	-	-	-	-	-	757
Real Estate Excise Tax II	2,015	304	200	200	400	400	400	400	4,319
Total:	3,413	304	200	200	400	400	400	400	5,717
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	757	-	-	-	-	-	-	-	757
REET II Capital Fund	2,015	304	200	200	400	400	400	400	4,319
Unrestricted Cumulative Reserve Fund	642	-	-	-	-	-	-	-	642
Total:	3,413	304	200	200	400	400	400	400	5,717

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	1,643	300	-	-	-	-	-	-	1,943
Real Estate Excise Tax II	2,019	31	350	350	350	350	350	350	4,150
Total:	3,662	331	350	350	350	350	350	350	6,093
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	1,643	300	-	-	-	-	-	-	1,943
REET II Capital Fund	2,019	31	350	350	350	350	350	350	4,150
Total:	3,662	331	350	350	350	350	350	350	6,093

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	700	-	-	-	-	-	-	-	700
Real Estate Excise Tax I	1,477	-	-	-	-	-	-	-	1,477
Real Estate Excise Tax II	1,748	151	-	-	-	-	-	-	1,899
Total:	3,925	151	-	-	-	-	-	-	4,076
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2013 Multipurpose LTGO Bond Fund	700	-	-	-	-	-	-	-	700
REET I Capital Fund	1,477	-	-	-	-	-	-	-	1,477
REET II Capital Fund	1,748	151	-	-	-	-	-	-	1,899
Total:	3,925	151	-	-	-	-	-	-	4,076

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Property Sales and Interest Earnings	381	38	35	35	35	35	35	35	630
Total:	381	38	35	35	35	35	35	35	630
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Unrestricted Cumulative Reserve Fund	381	38	35	35	35	35	35	35	630
Total:	381	38	35	35	35	35	35	35	630

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Federal Community Development Block Grant	5,654	888	808	808	808	808	808	808	11,391
Real Estate Excise Tax II	1,524	-	-	-	-	-	-	-	1,524
Use of Fund Balance	-	-	-	-	-	-	-	-	-
Total:	7,178	888	808	808	808	808	808	808	12,915
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	5,654	888	808	808	808	808	808	808	11,391
REET II Capital Fund	1,524	-	-	-	-	-	-	-	1,524
Total:	7,178	888	808	808	808	808	808	808	12,915

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	478	-	-	-	-	-	-	-	478
Park and Recreation Fund	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax I	1,100	1,331	847	-	-	-	-	-	3,278
Real Estate Excise Tax II	233	13	-	-	-	-	-	-	246
Total:	1,811	1,344	847	-	-	-	-	-	4,002
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2011 Multipurpose LTGO Bond Fund	478	-	-	-	-	-	-	-	478
Park And Recreation Fund	-	-	-	-	-	-	-	-	-
REET I Capital Fund	1,100	1,331	847	-	-	-	-	-	3,278
REET II Capital Fund	233	13	-	-	-	-	-	-	246
Total:	1,811	1,344	847	-	-	-	-	-	4,002

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Federal Community Development Block Grant	840	-	-	-	-	-	-	-	840
Federal Grant Funds	-	694	-	-	-	-	-	-	694
Park and Recreation Fund	-	6	-	-	-	-	-	-	6
Real Estate Excise Tax I	5,133	1,745	4,000	2,768	-	-	-	-	13,646
Real Estate Excise Tax II	2,614	1,419	-	500	2,000	2,000	2,000	2,000	12,533
Use of Fund Balance	-	-	-	-	-	-	-	-	-
Total:	8,587	3,863	4,000	3,268	2,000	2,000	2,000	2,000	27,718
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	840	700	-	-	-	-	-	-	1,540
REET I Capital Fund	5,133	1,745	4,000	2,768	-	-	-	-	13,646
REET II Capital Fund	2,614	1,419	-	500	2,000	2,000	2,000	2,000	12,533
Total:	8,587	3,863	4,000	3,268	2,000	2,000	2,000	2,000	27,718

O&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 6 - Closeout	Council District:	Multiple
Start/End Date:	2012 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	58	223	-	-	-	-	-	-	281
Real Estate Excise Tax II	500	-	-	-	-	-	-	-	500
Total:	558	223	-	-	-	-	-	-	781
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	58	223	-	-	-	-	-	-	281
REET II Capital Fund	500	-	-	-	-	-	-	-	500
Total:	558	223	-	-	-	-	-	-	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

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 6 - Closeout	Council District:	Council District 6
Start/End Date:	2013 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	984	689	-	-	-	-	-	-	1,672
Total:	984	689	-	-	-	-	-	-	1,672
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	984	689	-	-	-	-	-	-	1,672
Total:	984	689	-	-	-	-	-	-	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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
CRS Misc Revenues	302	3	-	-	-	-	-	-	305
King County Parks Levy	313	690	110	110	110	110	111	-	1,554
King County Voter-Approved Levy	1,382	-	-	-	-	-	-	111	1,493
Real Estate Excise Tax I	330	430	-	-	-	-	-	-	760
Real Estate Excise Tax II	431	134	-	-	-	-	-	-	565
Total:	2,758	1,256	110	110	110	110	111	111	4,676
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
King County Parks Levy Fund	1,695	690	110	110	110	110	111	111	3,047
REET I Capital Fund	330	430	-	-	-	-	-	-	760
REET II Capital Fund	431	134	-	-	-	-	-	-	565
Unrestricted Cumulative Reserve Fund	302	3	-	-	-	-	-	-	305
Total:	2,758	1,256	110	110	110	110	111	111	4,676

O&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 2 - Initiation, Project Definition, & Planning	Council District:	Council District 6
Start/End Date:	2017 - 2026	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax II	132	1,089	-	-	-	-	-	-	1,221
Total:	132	1,089	-	-	-	-	-	-	1,221
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET II Capital Fund	132	1,089	-	-	-	-	-	-	1,221
Total:	132	1,089	-	-	-	-	-	-	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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	56	4	-	-	-	-	-	-	60
King County Voter-Approved Levy	1,654	1,297	250	250	250	250	250	250	4,451
Real Estate Excise Tax I	113	1,887	-	-	-	1,000	1,000	1,000	5,000
Real Estate Excise Tax II	489	575	575	575	1,000	-	-	-	3,214
Total:	2,312	3,763	825	825	1,250	1,250	1,250	1,250	12,725
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	56	4	-	-	-	-	-	-	60
King County Parks Levy Fund	1,654	1,297	250	250	250	250	250	250	4,451
REET I Capital Fund	113	1,887	-	-	-	1,000	1,000	1,000	5,000
REET II Capital Fund	489	575	575	575	1,000	-	-	-	3,214
Total:	2,312	3,763	825	825	1,250	1,250	1,250	1,250	12,725

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

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:		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 will be considered in the next cycle of the Seattle Park District spending plan which has been delayed by one year and will now be developed for 2022-2027.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	500	3,000	-	-	-	-	-	-	3,500
Real Estate Excise Tax II	183	5,817	-	-	-	-	-	-	6,000
Seattle Park District Revenues	-	-	-	5,000	-	-	-	-	5,000
State Grant Funds	-	2,000	-	-	-	-	-	-	2,000
Total:	683	10,817	-	5,000	-	-	-	-	16,500
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	-	2,000	-	-	-	-	-	-	2,000
REET I Capital Fund	500	3,000	-	-	-	-	-	-	3,500
REET II Capital Fund	183	5,817	-	-	-	-	-	-	6,000
Seattle Park District Fund	-	-	-	5,000	-	-	-	-	5,000
Total:	683	10,817	-	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

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:	2016 - 2023	Neighborhood District:	Multiple
Total Project Cost:	\$3,838	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax II	9	-	-	-	-	-	-	-	9
Seattle Preschool Program Levy Funds	2,951	879	-	-	-	-	-	-	3,830
Total:	2,960	879	-	-	-	-	-	-	3,838

Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET II Capital Fund	9	-	-	-	-	-	-	-	9
Seattle Preschool Levy Fund	2,951	879	-	-	-	-	-	-	3,830
Total:	2,960	879	-	-	-	-	-	-	3,838

O&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 - 2024	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	1	1,499	-	-	-	-	-	-	1,500
Real Estate Excise Tax II	535	2,966	-	-	-	-	-	-	3,500
Total:	535	4,465	-	-	-	-	-	-	5,000

Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	1	1,499	-	-	-	-	-	-	1,500
REET II Capital Fund	535	2,966	-	-	-	-	-	-	3,500
Total:	535	4,465	-	-	-	-	-	-	5,000

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

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 - 2024	Neighborhood District:	Lake Union
Total Project Cost:	\$15,500	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Miscellaneous Grants or Donations	387	-	-	-	-	-	-	-	387
Miscellaneous Revenues	352	14,760	-	-	-	-	-	-	15,113
Total:	739	14,760	-	-	-	-	-	-	15,500
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	69	14,760	-	-	-	-	-	-	14,829
Unrestricted Cumulative Reserve Fund	670	-	-	-	-	-	-	-	670
Total:	739	14,760	-	-	-	-	-	-	15,500

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

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 6 - Closeout	Council District:	Council District 3
Start/End Date:	2018 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	87	113	-	-	-	-	-	-	200
Total:	87	113	-	-	-	-	-	-	200
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	87	113	-	-	-	-	-	-	200
Total:	87	113	-	-	-	-	-	-	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

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 6 - Closeout	Council District:	Council District 6
Start/End Date:	2018 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax II	714	1,671	-	-	-	-	-	-	2,385
Total:	714	1,671	-	-	-	-	-	-	2,385
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET II Capital Fund	714	1,671	-	-	-	-	-	-	2,385
Total:	714	1,671	-	-	-	-	-	-	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 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:	2027 - 2028	Neighborhood District:	Northeast
Total Project Cost:	\$3,730	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. Funding for this project was eliminated from the 6-year CIP in the 2021 Proposed Budget.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	-	-	-	-	-	-	-	3,396	3,396
Real Estate Excise Tax II	-	-	-	-	-	-	-	334	334
Total:	-	-	-	-	-	-	-	3,730	3,730
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	-	-	-	-	-	-	-	3,396	3,396
REET II Capital Fund	-	-	-	-	-	-	-	334	334
Total:	-	-	-	-	-	-	-	3,730	3,730

O&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 5 - Construction	Council District:	Council District 4
Start/End Date:	2018 - 2022	Neighborhood District:	Northeast
Total Project Cost:	\$2,700	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
King County Funds	282	718	-	-	-	-	-	-	1,000
Real Estate Excise Tax I	-	50	-	-	-	-	-	-	50
Real Estate Excise Tax II	169	981	-	-	-	-	-	-	1,150
State Grant Funds	-	500	-	-	-	-	-	-	500
Total:	451	2,249	-	-	-	-	-	-	2,700
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park And Recreation Fund	282	1,218	-	-	-	-	-	-	1,500
REET I Capital Fund	-	50	-	-	-	-	-	-	50
REET II Capital Fund	169	981	-	-	-	-	-	-	1,150
Total:	451	2,249	-	-	-	-	-	-	2,700

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	-	-	2,007	2,598	-	-	-	-	4,605
Real Estate Excise Tax II	660	5,903	-	-	-	647	2,947	-	10,157
Total:	660	5,903	2,007	2,598	-	647	2,947	-	14,761
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	-	-	2,007	2,598	-	-	-	-	4,605
REET II Capital Fund	660	5,903	-	-	-	647	2,947	-	10,157
Total:	660	5,903	2,007	2,598	-	647	2,947	-	14,761

O&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 2 - Initiation, Project Definition, & Planning	Council District:	Council District 6
Start/End Date:	2019 - 2025	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 will be considered in the next cycle of the Seattle Park District spending plan which has been delayed by one year and will now be developed for 2022-2027.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax II	995	5	-	-	-	-	-	-	1,000
Total:	995	5	-	-	-	-	-	-	1,000
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET II Capital Fund	995	5	-	-	-	-	-	-	1,000
Total:	995	5	-	-	-	-	-	-	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

West Queen Anne Playfield Conversion

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 - 2028	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$5,147	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax II	1	199	-	-	-	-	1,000	3,947	5,147
Total:	1	199	-	-	-	-	1,000	3,947	5,147
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET II Capital Fund	1	199	-	-	-	-	1,000	3,947	5,147
Total:	1	199	-	-	-	-	1,000	3,947	5,147

O&M Impacts: NA

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

Soundview Athletic Field Conversion

Project No:	MC-PR-41074	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Improved Facility	Location:	1590 NW 90th St
Current Project Stage:	Stage 3 - Design	Council District:	Council District 6
Start/End Date:	2022 - 2025	Neighborhood District:	Ballard
Total Project Cost:	\$6,500	Urban Village:	Not in an Urban Village

This project funds construction for a renovated west athletic field at Soundview Playfield. The existing grass playfield will be converted to synthetic turf. Athletic field lighting and on-site storm water retention facilities will be installed and pathways and dugouts will be renovated to improve access for people of all abilities.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	-	-	-	1,000	5,500	-	-	-	6,500
Total:	-	-	-	1,000	5,500	-	-	-	6,500
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	-	-	-	1,000	5,500	-	-	-	6,500
Total:	-	-	-	1,000	5,500	-	-	-	6,500

O&M Impacts:

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

Carkeek Park Bridge Replacement Project

Project No:	MC-PR-41075	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	950 NW Carkeek Park Road
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 5
Start/End Date:	2022 - 2024	Neighborhood District:	Northwest
Total Project Cost:	\$4,900	Urban Village:	Not in an Urban Village

This project replaces and removes the existing pedestrian bridge that provides access to the beach at Carkeek Park and other related items. Examples of work include but are not limited to installing new bridge foundations, columns, and decking, improvements to the parking lot and walkways to ensure accessibility, and repair of parking lots and roadways that may be impacted by construction traffic.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	-	-	2,214	2,686	-	-	-	-	4,900
Total:	-	-	2,214	2,686	-	-	-	-	4,900
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	-	-	2,214	2,686	-	-	-	-	4,900
Total:	-	-	2,214	2,686	-	-	-	-	4,900

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Park District Revenues	855	522	232	238	244	250	256	263	2,861
Total:	855	522	232	238	244	250	256	263	2,861
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Seattle Park District Fund	855	522	232	238	244	250	256	263	2,861
Total:	855	522	232	238	244	250	256	263	2,861

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax II	45	56	-	-	-	-	-	-	101
Seattle Park District Revenues	366	287	123	126	129	132	136	139	1,438
Total:	411	343	123	126	129	132	136	139	1,539
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET II Capital Fund	45	56	-	-	-	-	-	-	101
Seattle Park District Fund	366	287	123	126	129	132	136	139	1,438
Total:	411	343	123	126	129	132	136	139	1,539

O&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 6 - Closeout	Council District:	Council District 4
Start/End Date:	2013 - 2022	Neighborhood District:	Northeast
Total Project Cost:	\$12,239	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
State Interlocal Revenues	11,389	-	-	-	-	-	-	-	11,389
Use of Fund Balance	301	549	-	-	-	-	-	-	850
Total:	11,690	549	-	-	-	-	-	-	12,239
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park Mitigation & Remediation	11,690	549	-	-	-	-	-	-	12,239
Total:	11,690	549	-	-	-	-	-	-	12,239

O&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 - 2023	Neighborhood District:	East District
Total Project Cost:	\$1,525	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
State Grant Funds	-	855	-	-	-	-	-	-	855
State Interlocal Revenues	390	86	-	-	-	-	-	-	476
Use of Fund Balance	-	194	-	-	-	-	-	-	194
Total:	390	1,135	-	-	-	-	-	-	1,525
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Park Mitigation & Remediation	390	1,135	-	-	-	-	-	-	1,525
Total:	390	1,135	-	-	-	-	-	-	1,525

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

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

The origins of a civic campus at Seattle Center go back to the 1920s, with Mayor Bertha Landes presiding over the groundbreaking for the Civic Auditorium, Civic Ice Arena, and Civic Field. In the 1930s the Washington State Armory was built. Memorial Stadium was constructed in the 1940s. In the late 1950s and early 1960s the site for the 1962 Seattle World's Fair was created, expanding the size of the campus to roughly what we know today. One result of this long history as a civic gathering place is aging infrastructure. Some facilities have been significantly renovated (e.g., Civic Auditorium into the Opera House for the World's Fair, and into McCaw Hall in 2003, the Civic Ice Arena/Mercer Arena site into the new Seattle Opera at the Center facility in 2018, and the Arena in 2020-21), 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 Proposed 2022-2027 CIP is in 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.

In 2019, the City entered into an agreement with private partner Seattle Arena Company (ArenaCo) to lease and redevelop the historic KeyArena and several supporting structures to create a world-class arena for professional sports and entertainment. The new Climate Pledge Arena was completed in fall 2021 and has transformed the largest single facility on campus, flanked by public plazas with new artwork, signage, lighting, and landscaping on all sides. Seattle Center has answered this remarkable private investment by upgrading several of its most prominent public attractions, including the International Fountain, the Armory, and the landmarked north courtyards.

Despite the many hurdles of 2020 and 2021, Seattle Center has successfully leaned into its Strategic Business Plan objective of leveraging the momentum of Climate Pledge Arena to lift the entire campus. In 2021, the City issued bonds providing Seattle Center \$8 million in funding to make upgrades in our campus-wide signage. The new signage package will not only improve wayfinding resources for our visitors, but also will allow for increased revenue generation through improved sponsorship capabilities.

Seattle Center's 2022-2027 CIP plan will focus heavily on continuing phases of major projects like campus-wide lighting and network upgrades, and major maintenance priorities highlighted in our FCA. In 2021, Seattle Center received accelerated funds for the Seattle Children's Theatre roof replacement and an additional allocation of \$750,000 in the 2021 2nd Quarter Supplemental to address emergent mechanical infrastructure needs. The list of deferred major maintenance priorities on the campus, however, will require significant investment in the coming decade as the 1962 World's Fair infrastructure – originally designed for a temporary event – celebrates its 60th anniversary.

The 2022 CIP budget includes \$11 million in REET funds. In 2022, Center will accelerate the schedule for certain projects, including window replacements for the Armory and renovation of the first floor Armory restrooms to better meet ADA guidelines and expand capacity of the women's restroom. Funding will also support Center in addressing of mechanical system leaks in buildings across the campus; making the next phase of programmatic improvements to the International Fountain; and investing in three high-priority projects: completing the DuPen Fountain renovation, upgrading pedestrian lighting, and replacing the Fisher Pavilion roof, a popular space for outdoor events and activities.

Thematic Priorities

Seattle Center's Adopted 2022-2027 CIP focuses on four primary themes:

- Multi-phase investments in Seattle Center
- FCA Phase 2 and Deferred Major Maintenance
- Long range planning (ST3, Memorial Stadium, KCTS, PNB)
- Additional investment opportunities for 2022 and 2023

Multi-phase investments in Seattle Center

By the end of 2021, Center will have delivered the largest scope of improvements on the campus in 20 years, including an exterior refresh of the Armory, a new skate plaza, a revitalized International Fountain, uplifted North Courtyards and major investments in the parking garages and the Monorail. Center also kicked off several projects that will take multiple phases to complete and will continue to prioritize these projects in the coming years until they are completed:

- Renovation of the beloved DuPen Fountain phased between 2021 and 2022;
- Delivering on the vision of the Seattle Center Campus Pedestrian Lighting Concept Plan, with the first phase on Thomas St. occurring in 2021 and 2022;
- Completing the final phase of the Armory Exterior Renovation project with new exterior lighting to highlight the historic architecture planned for 2023;
- Continuous improvement of the visitor parking experience, building on the arena-related Parking Access and Revenue Control (PARC) upgrades being installed in 2022;
- Updating the wireless network infrastructure across the campus to 5G standards, in partnership with Seattle IT and third-party private carriers; and

- Electrification of the Central Utility Plant and decentralization of campus systems which, once designed, will require additional dedicated funding to complete by the target 2024 deadline.

Facility Condition Assessment Phase 2 and Deferred Major Maintenance

As Center welcomes crowds back to the campus in the post-pandemic reopening, the changing expectations around events – outdoors and indoors, community and commercial – mean there is more reason than ever before to invest in bringing aging assets up to a modern standard. Seattle Center is working within compounding constraints of aging infrastructure and limited capital and major maintenance budgets. Unplanned emergency work costs more and distracts staff from performing scheduled preventative maintenance, which in turn, increases the likelihood of emergency repairs. Condition assessments and a capital asset management program are key components of an effective maintenance and repair program.

In 2021, Center will complete the second phase of the campus FCA, identifying and prioritizing major maintenance and replacement needs throughout the campus buildings and grounds. The analysis will systematically evaluate Seattle Center’s capital assets to project repair, renewal, or replacement needs that will preserve the ability to support our mission. It will result in an action plan for addressing urgent issues including electrical, plumbing, roofing, building envelope, landscaping, irrigation, and HVAC. In the coming years, Center anticipates significant investments in design and construction to complete this necessary work.

Long-range planning priorities

While it is hard to imagine more change on campus than what has been experienced between 2018 and 2021, the coming decade contains prospects that could be equally transformative. Center is investing effort now in long-term planning and strategy for the following emerging opportunities:

- Championing an inspiring vision for integrating a light rail station at Seattle Center that promotes transit mobility and complements the identity of the campus in the future;
- Continuing to advance Memorial Stadium design and redevelopment in partnership with Seattle Public Schools (SPS), Seattle Center Foundation, philanthropy, and other stakeholders;
- Exploring opportunities for the Cascade Public Media (KCTS) site in anticipation of its lease conclusion in 2024, including potential synergies with Memorial Stadium and the SPS parking lot;
- Continuing the conversation with Pacific Northwest Ballet about their space use planning on campus in the coming years;
- Evaluating options to relocate the skilled trades shops from the Colorcraft (5.5) Building to a new location, in anticipation of its lease conclusion on July 31, 2025.

Project Selection Criteria

For each budget cycle, a broad cross-section of Seattle Center staff members engages 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. Center’s Campus & Armory Operating Board and the McCaw Hall Operating Board have played central roles 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.

2022-2027 Proposed CIP Highlights

The Center's CIP prioritizes funding to address needs identified in the latest phase of facility condition assessments, including roofs, mechanical infrastructure, 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 (TAM) Plan and Capital and Major Maintenance Program (CMMP) Plan. Asset preservation investments in 2022 will include:

Armory – In early 2022, exterior renovation of this 1939 building will continue with the installation of new awnings and doors. Additional maintenance priorities include HVAC upgrades and window replacements and renovating the first floor Armory restrooms to better meet ADA guidelines and expand capacity of the women's restroom

General Site Improvements – In 2022, REET I funding is allocated for a next phase of programmatic improvements to the International Fountain, and for campus technology infrastructure improvements.

McCaw Hall – Annual REET I allocations for McCaw Hall asset preservation are matched 100 percent 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.

Monorail Renovation – Federal Transit Administration grant funds and local matching funds are 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 – Renovation of public open spaces in 2022 include upgrading pedestrian lighting on Thomas Street, restoring the DuPen Fountain, and planning to replace the roof of the Fisher Pavilion, a popular outdoor event space.

Parking Repairs and Improvements – The City's Lease with ArenaCo for the Climate Pledge Arena commits to operation of the Mercer Garage until 2035. 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 will be a priority to complete in 2022. An ongoing program of major maintenance on the garages will continue with repairs to elevators and water intrusion issues in the 5th Ave N. Garage.

Roof Replacements – Phase 2 of roof replacements for Seattle Children's Theatre buildings will be completed in 2022. A temporary repair to the International Fountain Pavilion roof that was made in 2020 is expected to stabilize it until replacement in 2024.

Utility Infrastructure – Renovation of campus utility infrastructure in 2022 includes campus-wide mechanical and electrical system improvements prioritized in the FCA, and re-lining the sewer below 2nd Ave. N.

CIP Revenue Sources

Seattle Center's Proposed 2022-2027 CIP is funded from a combination of revenue sources including Real Estate Excise Tax (REET, the primary funding source for 2022-2027), 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 currently experiencing another wave of private investment including KEXP, the Opera at the Center, Space Needle renovation, and Climate Pledge Arena.

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 2022-2027 Proposed CIP addresses priority needs identified in these condition assessments. Significant additional funding will need to be identified to address future needed asset preservation investments in Seattle Center facilities.

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

The announcement of the Climate Pledge Arena name and philosophy of environmental leadership has brought fresh energy to Seattle Center's commitment to environmental sustainability on its campus. Seattle Center's most fundamentally sustainable premise is its successful stewardship of historic urban fabric; however, the age of the campus also poses challenges. Seattle Center has infrastructure dating to the 1930s. The 2022-27 CIP addresses some of the highest priorities identified in Seattle Center's initial FCA, including the Seattle Children's Theatre Phase 2 and International Fountain Pavilion roof replacements, renovation of selected sewer lines, and replacing of pedestrian lighting fixtures. Seattle Center will need to address other major maintenance needs on the campus – including the conversion of the Central Utility Plant to electric power – in future CIPs.

Seattle Center skilled trades staff are based in a leased facility located just off the campus. Following a significant rent increase in 2019, Seattle Center decided to phase its staff out of this space within five years as the cost has become unjustifiable in the long term. The department is now 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. 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 is collaborating with other City departments and engaging with neighbors and resident organizations in providing feedback to Sound Transit.

Seattle Center

In 2021, after a necessary pause due to COVID-19, Center was able to advance the proposed redevelopment of Memorial Stadium in partnership with Seattle Public Schools and the Seattle Center Foundation. The 73-year-old Memorial Stadium is owned by Seattle Public Schools (SPS) on land deeded by the City and is outdated and deteriorated. Over several decades, the City and SPS have negotiated various proposals to replace Memorial Stadium and now are close to an agreement. Center and the Foundation have been working to build support for it with the SPS Board members. The City's and Foundation's vision for a new Memorial Stadium would be to transform the heart of Seattle Center with a state-of-the-art facility that would serve SPS' needs for athletics and graduations, and to also be a very desirable venue for arts, cultural, sports and community events. The City and SPS have negotiated a draft Letter of Intent (LOI) and among its provisions is that if SPS' proposed levy funding for Memorial Stadium is approved in February 2022, the City would have the option for a long-term lease and would operate and maintain the new facility. In 2022, SPS and the City would negotiate a Memorandum of Understanding that would implement detailed terms of this LOI and require approval by the SPS Board and City Council.

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Property Sales and Interest Earnings	241	-	-	-	-	-	-	-	241
Real Estate Excise Tax I	3,121	1,347	-	-	-	-	-	-	4,468
Real Estate Excise Tax II	175	-	-	-	-	-	-	-	175
Total:	3,537	1,347	-	-	-	-	-	-	4,884
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	3,121	1,347	-	-	-	-	-	-	4,468
REET II Capital Fund	175	-	-	-	-	-	-	-	175
Unrestricted Cumulative Reserve Fund	241	-	-	-	-	-	-	-	241
Total:	3,537	1,347	-	-	-	-	-	-	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	3,498	384	-	-	-	-	-	-	3,882
Total:	3,498	384	-	-	-	-	-	-	3,882
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	3,498	384	-	-	-	-	-	-	3,882
Total:	3,498	384	-	-	-	-	-	-	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	1,233	-	-	-	-	-	-	-	1,233
Property Sales and Interest Earnings	3,632	-	-	-	-	-	-	-	3,632
Real Estate Excise Tax I	6,409	1,865	1,550	1,697	350	1,350	1,600	950	15,771
Seattle Voter-Approved Levy	2,462	-	-	-	-	-	-	-	2,462
Total:	13,736	1,865	1,550	1,697	350	1,350	1,600	950	23,098
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
1991 Levy Fund (Closed)	2,462	-	-	-	-	-	-	-	2,462
2002 Multipurpose LTGO Bond Fund	1,233	-	-	-	-	-	-	-	1,233
REET I Capital Fund	6,409	1,865	1,550	1,697	350	1,350	1,600	950	15,771
Unrestricted Cumulative Reserve Fund	3,632	-	-	-	-	-	-	-	3,632
Total:	13,736	1,865	1,550	1,697	350	1,350	1,600	950	23,098

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

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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Private Funding/Donations	5	-	-	-	-	-	-	-	5
Property Sales and Interest Earnings	585	117	30	30	30	50	50	-	892
Real Estate Excise Tax I	31	-	-	-	-	-	-	-	31
Total:	621	117	30	30	30	50	50	-	928
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	31	-	-	-	-	-	-	-	31
Unrestricted Cumulative Reserve Fund	590	117	30	30	30	50	50	-	897
Total:	621	117	30	30	30	50	50	-	928

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	192	140	50	100	50	100	100	500	1,231
Total:	192	140	50	100	50	100	100	500	1,231
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	192	140	50	100	50	100	100	500	1,231
Total:	192	140	50	100	50	100	100	500	1,231

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	2021 Revised	2022	2023	2024	2025	2026	2027	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	1,793	1,636	875	434	204	675	646	1,507	7,769
Total:	3,515	1,636	875	434	204	675	646	1,507	9,491
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2002 Multipurpose LTGO Bond Fund	109	-	-	-	-	-	-	-	109
REET I Capital Fund	1,793	1,636	875	434	204	675	646	1,507	7,769
Seattle Center Capital Reserve	820	-	-	-	-	-	-	-	820
Unrestricted Cumulative Reserve Fund	793	-	-	-	-	-	-	-	793
Total:	3,515	1,636	875	434	204	675	646	1,507	9,491

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Private Funding/Donations	53	-	-	-	-	-	-	-	53
Property Sales and Interest Earnings	5,491	72	-	-	-	-	-	-	5,563
Real Estate Excise Tax I	800	-	-	-	-	-	-	-	800
Total:	6,344	72	-	-	-	-	-	-	6,416
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	800	-	-	-	-	-	-	-	800
Seattle Center Capital Reserve	5,544	72	-	-	-	-	-	-	5,616
Total:	6,344	72	-	-	-	-	-	-	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Energy Rebates	3	-	-	-	-	-	-	-	3
Interest Earnings	111	60	-	17	17	17	16	-	238
Miscellaneous Revenues	-	-	-	-	-	-	-	-	-
Private Funding/Donations	1,679	962	317	327	337	347	360	-	4,329
Real Estate Excise Tax I	1,897	962	281	327	337	347	360	-	4,510
Total:	3,691	1,983	598	671	691	711	736	-	9,081
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
McCaw Hall Capital Reserve	3,391	1,983	598	671	691	711	736	-	8,781
REET I Capital Fund	300	-	-	-	-	-	-	-	300
Total:	3,691	1,983	598	671	691	711	736	-	9,081

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Developer Mitigation	-	1,000	-	-	-	-	-	-	1,000
Federal ARRA Funds: FTA Transit Capital Assistance	1,000	-	-	-	-	-	-	-	1,000
Federal Grant Funds	9,156	5,198	1,006	1,004	1,004	1,004	-	-	18,373
Interdepartmental Transfer - SDOT	-	500	-	-	-	-	-	-	500
LTGO Bond Proceeds	5,188	-	-	-	-	-	-	-	5,188
Miscellaneous Revenues	2,268	1,281	249	251	251	251	1,255	-	5,805
Total:	17,612	7,979	1,255	1,255	1,255	1,255	1,255	-	31,866
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2003 Multipurpose LTGO Bond Fund	475	-	-	-	-	-	-	-	475
2007 Multipurpose LTGO Bond Fund	4,713	-	-	-	-	-	-	-	4,713
Seattle Center Fund	117	6,553	1,255	1,255	1,255	1,255	1,255	-	12,945
Unrestricted Cumulative Reserve Fund	12,307	1,426	-	-	-	-	-	-	13,733
Total:	17,612	7,979	1,255	1,255	1,255	1,255	1,255	-	31,866

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	634	-	-	-	-	-	-	-	634
Real Estate Excise Tax I	1,543	344	78	-	-	-	-	-	1,965
Total:	2,177	344	78	-	-	-	-	-	2,599
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2011 Multipurpose LTGO Bond Fund	634	-	-	-	-	-	-	-	634
REET I Capital Fund	1,543	344	78	-	-	-	-	-	1,965
Total:	2,177	344	78	-	-	-	-	-	2,599

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	2021 Revised	2022	2023	2024	2025	2026	2027	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	5,105	2,950	3,115	2,087	1,130	1,400	1,559	1,000	18,346
Total:	9,497	2,950	3,115	2,087	1,130	1,400	1,559	1,000	22,738
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2002 Multipurpose LTGO Bond Fund	1,175	-	-	-	-	-	-	-	1,175
REET I Capital Fund	5,105	2,950	3,115	2,087	1,130	1,400	1,559	1,000	18,346
Seattle Center Capital Reserve	1,215	-	-	-	-	-	-	-	1,215
Unrestricted Cumulative Reserve Fund	2,002	-	-	-	-	-	-	-	2,002
Total:	9,497	2,950	3,115	2,087	1,130	1,400	1,559	1,000	22,738

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Property Sales and Interest Earnings	960	-	-	-	-	-	-	-	960
Real Estate Excise Tax I	4,898	5,365	-	400	400	150	587	-	11,800
Total:	5,858	5,365	-	400	400	150	587	-	12,760
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	4,898	5,365	-	400	400	150	587	-	11,800
Seattle Center Capital Reserve	800	-	-	-	-	-	-	-	800
Unrestricted Cumulative Reserve Fund	160	-	-	-	-	-	-	-	160
Total:	5,858	5,365	-	400	400	150	587	-	12,760

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Property Sales and Interest Earnings	557	-	-	-	-	-	-	-	557
Real Estate Excise Tax I	1,757	493	125	125	125	125	150	150	3,050
Total:	2,314	493	125	125	125	125	150	150	3,607
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	1,757	493	125	125	125	125	150	150	3,050
Unrestricted Cumulative Reserve Fund	557	-	-	-	-	-	-	-	557
Total:	2,314	493	125	125	125	125	150	150	3,607

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	3	(3)	-	-	-	-	-	-	-
LTGO Bond Proceeds	140	-	-	-	-	-	-	-	140
Private Funding/Donations	1,889	597	-	-	-	-	-	-	2,486
Property Sales and Interest Earnings	2,926	205	-	-	-	-	-	-	3,131
Real Estate Excise Tax I	4,135	331	783	614	1,000	1,000	926	1,000	9,788
Total:	9,093	1,130	783	614	1,000	1,000	926	1,000	15,545
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2002 Multipurpose LTGO Bond Fund	140	-	-	-	-	-	-	-	140
General Fund	1,520	327	-	-	-	-	-	-	1,846
REET I Capital Fund	4,135	331	783	614	1,000	1,000	926	1,000	9,788
Seattle Center Capital Reserve	1,280	-	-	-	-	-	-	-	1,280
Seattle Center Fund	312	268	-	-	-	-	-	-	580
Unrestricted Cumulative Reserve Fund	1,706	205	-	-	-	-	-	-	1,911
Total:	9,093	1,130	783	614	1,000	1,000	926	1,000	15,545

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	6,780	-	-	-	-	-	-	-	6,780
Property Sales and Interest Earnings	1,154	-	-	-	-	-	-	-	1,154
Real Estate Excise Tax I	3,090	3,513	2,186	136	766	-	350	1,500	11,540
Total:	11,024	3,513	2,186	136	766	-	350	1,500	19,474
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2002 Multipurpose LTGO Bond Fund	450	-	-	-	-	-	-	-	450
2003 Multipurpose LTGO Bond Fund	6,330	-	-	-	-	-	-	-	6,330
REET I Capital Fund	3,090	3,513	2,186	136	766	-	350	1,500	11,540
Unrestricted Cumulative Reserve Fund	1,154	-	-	-	-	-	-	-	1,154
Total:	11,024	3,513	2,186	136	766	-	350	1,500	19,474

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 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Key Arena Settlement Subfund Revenue	270	-	-	-	-	-	-	-	270
Property Sales and Interest Earnings	1,894	-	-	-	-	-	-	-	1,894
Real Estate Excise Tax I	-	341	-	-	-	-	-	-	341
Seattle Center Fund	1,137	756	-	-	-	-	-	-	1,893
Total:	3,301	1,096	-	-	-	-	-	-	4,397
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
KeyArena Settlement Proceeds Fund	270	-	-	-	-	-	-	-	270
REET I Capital Fund	-	341	-	-	-	-	-	-	341
Seattle Center Capital Reserve	2,782	(4)	-	-	-	-	-	-	2,779
Seattle Center Fund	69	760	-	-	-	-	-	-	829
Seattle Center KeyArena Fund	179	-	-	-	-	-	-	-	179
Total:	3,301	1,096	-	-	-	-	-	-	4,397

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	-	8,000	-	-	-	-	-	-	8,000
Property Sales and Interest Earnings	2,385	-	-	-	-	-	-	-	2,385
Real Estate Excise Tax I	275	291	50	150	100	100	125	-	1,091
Seattle Voter-Approved Levy	606	-	-	-	-	-	-	-	606
Total:	3,266	8,291	50	150	100	100	125	-	12,082
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
1991 Levy Fund (Closed)	606	-	-	-	-	-	-	-	606
2021 Taxable LTGO Bond Fund	-	8,000	-	-	-	-	-	-	8,000
REET I Capital Fund	275	291	50	150	100	100	125	-	1,091
Seattle Center Capital Reserve	1,900	-	-	-	-	-	-	-	1,900
Unrestricted Cumulative Reserve Fund	485	-	-	-	-	-	-	-	485
Total:	3,266	8,291	50	150	100	100	125	-	12,082

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	69	(69)	-	-	-	-	-	-	-
Private Funding/Donations	345	155	-	-	-	-	-	-	500
Real Estate Excise Tax I	793	1,757	-	-	-	-	-	-	2,550
Total:	1,207	1,843	-	-	-	-	-	-	3,050
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	414	86	-	-	-	-	-	-	500
REET I Capital Fund	793	1,757	-	-	-	-	-	-	2,550
Total:	1,207	1,843	-	-	-	-	-	-	3,050

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	1,130	-	-	-	-	-	-	-	1,130
Property Sales and Interest Earnings	1,620	-	-	-	-	-	-	-	1,620
Real Estate Excise Tax I	1,062	31	-	100	100	100	100	100	1,593
Total:	3,812	31	-	100	100	100	100	100	4,343
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2002 Multipurpose LTGO Bond Fund	1,130	-	-	-	-	-	-	-	1,130
REET I Capital Fund	1,062	31	-	100	100	100	100	100	1,593
Unrestricted Cumulative Reserve Fund	1,620	-	-	-	-	-	-	-	1,620
Total:	3,812	31	-	100	100	100	100	100	4,343

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	1,389	-	-	-	-	-	-	-	1,389
Real Estate Excise Tax I	5,772	2,825	1,957	1,001	702	792	1,614	1,571	16,233
Total:	7,161	2,825	1,957	1,001	702	792	1,614	1,571	17,622
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2002 Multipurpose LTGO Bond Fund	1,151	-	-	-	-	-	-	-	1,151
2003 Multipurpose LTGO Bond Fund	238	-	-	-	-	-	-	-	238
REET I Capital Fund	5,772	2,825	1,957	1,001	702	792	1,614	1,571	16,233
Total:	7,161	2,825	1,957	1,001	702	792	1,614	1,571	17,622

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. The 2012 levy concluded at the end of 2019, and with passage of the 2019 Library Levy, the Library embarked in 2020 on its current seven-year asset preservation program which includes seismic retrofits at three century-old Carnegie-era branches.

Library 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 375-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. As the Library's buildings have all surpassed the ten-year mark since the conclusion of the final Libraries for All bond projects, the buildings 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. The 2019 Levy also included additional funding for three Carnegie-era branch seismic retrofits.

Nearly all of the Library's non-IT \$5 million 2022 Proposed CIP Levy budget can be predominantly classified as asset preservation work. There are also elements of enhanced safety, improved access, energy efficiency and environmental sustainability. Approximately \$2 million is budgeted for the Green Lake branch seismic retrofit project as promised in the 2019 voter-approved levy; additional planning/design costs may be incurred for either or both of the University and Columbia branch seismic projects as well. The balance of Levy CIP funding will pay for mechanical systems replacement at multiple branches (tentatively Greenwood, Northgate, Southwest and West Seattle); fire panel upgrades at several branches (to be determined by an upcoming assessment), and any additional urgent ADA accessibility issues system wide.

Some multi-year branch initiatives have been slowed due to the COVID-19 pandemic and will likely carry into 2022. The major projects may include necessary improvements at the Library's newly-acquired maintenance shop and storage site, exterior work/access improvements at the Douglass-Truth branch, roof and mechanical systems replacement at Capitol Hill branch, mechanical systems replacement at Broadview branch and roof repairs at Queen Anne and Lake City branches.

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. While there are no new scheduled 2022 projects at the Central Library, it's possible ongoing major sewer repair and repair to the damaged southwest corner of Central's Level 1 could extend into 2022, depending upon availability of contractors and materials.

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).

It should also be noted that major Levy-funded IT projects, which can be categorized under operational efficiency and service to the public, were moved to the Library's CIP in 2021. The 2022-2027 Proposed CIP budget includes \$3.2 million in 2022 for upgrading Library enterprise equipment and beginning the replacement of SPL's Integrated Library System for processing and tracking books and materials.

Public Service Improvements

There are no projects solely dedicated to public service improvements scheduled for 2022. Public service improvements mostly encompass work that enhances the library patron experience, such as Reimagining projects that have been completed over the past few years (Rainier Beach, Lake City,

Ballard, Beacon Hill, Highpoint, South Park and Northeast). These projects typically entail increased meeting room space; better connectivity for devices; lowered shelving and improved layout for enhanced sightlines/security/accessibility; and updated carpet, paint and restrooms. Public service improvements are being considered concurrent with the three projects to improve seismic stability (Green Lake, University and Columbia branches), scheduled over the life of the seven-year levy. Construction at the Green Lake branch is scheduled to begin in late 2022. Ultimately, funding will determine whether the scope of these three seismic retrofit projects includes public service improvements.

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 capital program staff works with Library services managers to scope alternatives. Public input also plays a role in project planning. The Library senior management team has ultimate responsibility for authorizing and prioritizing functional building modifications.

Many library facilities are open seven days per week during normal operations, 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 Library's 2022-2027 Proposed 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 a total of \$8.2 million (including Seismic/URM and IT Capital allocations) in 2022. The total 2022 REET allocation to the Library is \$1,287,000. The Library will receive \$862,000 in base Real Estate Excise Tax (REET) funding, which is budgeted toward initial planning/design for the Columbia and University branch seismic projects. There is an additional \$425,000 from the Municipal Energy Efficiency Project, which includes \$300,000 for Green Lake electrical/HVAC upgrades concurrent with the seismic retrofit project, and \$125,000 toward Broadview HVAC repairs/electrification.

As mentioned above, the major effort for the Library's CIP in 2022 will be the continued design and then initial construction for the Green Lake branch seismic retrofit. The ultimate aim of this project is to complete seismic and ADA upgrades; with the recent approval of a \$1.8 million Washington State Department of Commerce grant, the project scope has been expanded to include air-conditioning, electrification, additional ADA access improvements, and a reconfigured elevator.

2022-2027 Proposed Capital Improvement Program

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 projects. 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 patron and programmatically-driven renovation projects, significant building infrastructure renovations and adjustments, or replacement of major building systems at the Central Library and larger branches. Since passage of the 2012 Library Levy, REET revenue has continued to provide additional funding for targeted efforts, such as the Library's Reimagining Spaces initiative (which sought to enhance Library physical spaces to better address changing patron and community needs) or large-scale major maintenance requirements not anticipated during the planning of the levy.

REET revenue plays a vital role in supporting projects that are beyond the scope of the Library's levy-funded major maintenance program. For example, while the levy remains the primary funding source for the seismic retrofit projects at Green Lake, Columbia and University branches, additional funding is necessary to pursue building upgrades that would be considerably less expensive if performed concurrent with the seismic work. Contingent upon funding, those upgrades could include the addition of air-conditioning; elevator additions/improvements to increase access for patrons with mobility challenges; mechanical system modernization and electrification for increased energy efficiency and reduced reliance on fossil fuels; and other interior enhancements.

As mentioned above, the Library, with significant assistance from Office of Sustainability and Environment, recently received approval for a \$1.8 million Washington State Department of Commerce grant for the Green Lake branch seismic retrofit. The project scope has been expanded to include air-conditioning, electrification (to eliminate reliance on fossil fuels), additional ADA access improvements, and a reconfigured elevator. The Library will continue to seek outside resources to augment the scope of both University and Columbia branch seismic project as well.

Summary of Upcoming Budget Issues and Challenges

COVID-19 Pandemic

One challenge that was certainly not foreseen prior to 2020 – and affecting most of 2020 and 2021 – was the adversity posed by the COVID-19 pandemic. While the pandemic hit Library operations hardest, Library capital projects also felt the impact as contractors and vendors experienced staff shortages due to illness and layoffs, and social distancing and other efforts to reduce viral transmission have slowed the progress of many projects at various stages (planning, design and construction). Funding reductions also prompted reexamination of project scope in some of the larger Library projects. As the impact of the pandemic persisted, adaptation of library spaces to maintain the safety of both public and staff were

required and implemented. It is unknown how long that impact of the pandemic will linger into the future.

The following issues and challenges will need to be addressed in the coming months and years:

Aging Buildings and Infrastructure

Library buildings are among the most intensively-used City facilities in Seattle. Prior to the pandemic, the Central Library hosted over 1.2 million visitors annually, with library branches serving over 3.6 million visitors. The Library's historic landmark buildings have unique features such as brick facades, slate roofs and other details. When undertaking maintenance and repair work, it is essential 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 are considered in establishing the major maintenance component of the Library's ongoing major maintenance program.

Seismic Preparedness

A 2016 survey conducted by the Seattle Department of Construction and Inspection 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 branches - fell within the high-vulnerability category (with the remainder in the medium-vulnerability category) and the Library Board of Trustees identified those branches as a critical issue to be addressed. The 2019 Library Levy funded seismic retrofits for those three Carnegie-era branches for the period between 2020 and 2026.

As the URM projects will necessitate closure of the branches for a year or more, other needed building improvements will also be scheduled concurrently. Contingent upon available funding, 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, often working with the Office of Sustainability and Environment to identify potential areas for improved energy efficiency and, per mayoral directive, to lessen the Library's reliance on fossil fuels. 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, which would increase branch comfort year-round and also allow those branches to serve as cooling centers during extreme heat events.

Future Projects / What is on the Horizon

Maintenance and Operations Center

For several years, the Library sought a permanent location for its off-site maintenance shop, storage and Library delivery vehicle parking. In March 2021, the Library acquired a building and parking lot at 5910 Corson Ave S, which replaced its leased maintenance shop and storage space at 6345 6th Ave S. Work is

necessary at the Corson site to upgrade the electrical service for increased HVAC power requirements, along with future conversion from fossil fuels. The space also requires workshop ventilation improvements, better insulation and eventual roof replacement.

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	1,005	50	-	-	-	-	-	-	1,055
Total:	1,005	50	-	-	-	-	-	-	1,055
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	1,005	50	-	-	-	-	-	-	1,055
Total:	1,005	50	-	-	-	-	-	-	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	1,617	-	-	-	-	-	-	-	1,617
Total:	1,617	-	-	-	-	-	-	-	1,617
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	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

IT Infrastructure

Project No:	MC-PL-B3100	BSL Code:	BC-PL-B3000
Project Type:	Ongoing	BSL Name:	Capital Improvements
Project Category:	Rehabilitation or Restoration	Location:	Various 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 represents system-wide Information Technology (IT) Infrastructure improvements for The Seattle Public Library, including enterprise equipment upgrades and integrated library system (ILS) replacement.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2019 Library Levy Funding	-	2,000	6,382	2,418	1,230	-	948	-	12,978
Total:	-	2,000	6,382	2,418	1,230	-	948	-	12,978

Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2019 Library Levy Fund	-	2,000	6,382	2,418	1,230	-	948	-	12,978
Total:	-	2,000	6,382	2,418	1,230	-	948	-	12,978

O&M Impacts: NA

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2019 Library Levy Funding	1,094	10,410	1,833	5,941	4,629	7,989	6,034	-	37,930
General Fund	3,295	(1,700)	-	-	-	-	-	-	1,595
Real Estate Excise Tax I	6,891	1,616	1,287	598	401	418	637	685	12,534
Seattle Voter-Approved Levy	4,835	2,759	-	-	-	-	-	-	7,594
Seattle Voter-Approved Levy	13,952	500	-	-	-	-	-	-	14,452
Use of Fund Balance	-	1,700	-	-	-	-	-	-	1,700
Total:	30,067	15,285	3,120	6,539	5,030	8,407	6,671	685	75,804
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2012 Library Levy Fund	18,787	2,793	-	-	-	-	-	-	21,580
2019 Library Levy Fund	1,094	10,876	1,833	5,941	4,629	7,989	6,034	-	38,396
General Fund	440	-	-	-	-	-	-	-	440
Library Fund	2,855	-	-	-	-	-	-	-	2,855
REET I Capital Fund	6,891	1,616	1,287	598	401	418	637	685	12,534
Total:	30,067	15,285	3,120	6,539	5,030	8,407	6,671	685	75,804

O&M Impacts:

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

Major Capital Equipment

Project No:	MC-PL-B3200	BSL Code:	BC-PL-B3000
Project Type:	Ongoing	BSL Name:	Capital Improvements
Project Category:		Location:	
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	
Total Project Cost:	N/A	Urban Village:	

This project represents system-wide major depreciable equipment purchases for The Seattle Public Library, such as the Library's Automated Materials Handling System (AMHS).

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2019 Library Levy Funding	-	34	-	-	-	-	-	-	34
General Fund	-	1,700	-	-	-	-	-	-	1,700
Seattle Voter-Approved Levy	-	466	-	-	-	-	-	-	466
Total:	-	2,200	-	-	-	-	-	-	2,200

Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2012 Library Levy Fund	-	466	-	-	-	-	-	-	466
2019 Library Levy Fund	-	34	-	-	-	-	-	-	34
Library Fund	-	1,700	-	-	-	-	-	-	1,700
Total:	-	2,200	-	-	-	-	-	-	2,200

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 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;
- building community trust through engagement and accountability;
- working to eliminate racial disparities and advance equity goals;
- 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 surrounding region; and
- managing resources wisely with performance measures.

The replacement value of the City's transportation infrastructure is estimated to be approximately \$28.6 billion. Major system assets include:

- 1,548 lane-miles of arterial streets;
- 2,396 lane-miles of non-arterial streets;
- 124 bridges;
- 497 stairways;
- 581 retaining walls;
- 2.2 miles of seawalls;
- 1,118 signalized intersections;
- 47 miles of multi-purpose trails;
- 2,293 miles of improved sidewalks and median pathways;
- 142 miles of on-street bicycle facilities;
- 38,000 street trees;
- 1,512 pay stations;
- 31,823 curb ramps; and
- more than 194,000 signs.

Seattle continues to experience population growth and increasing density. The 2022 Proposed Budget and the 2022-2027 Proposed Capital Improvement Program (CIP) emphasize transportation safety, efficient mobility of goods, and reliable, socially equitable mobility for people of all ages and abilities.

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Transit projects are at the forefront of sustainable transportation solutions. SDOT has numerous projects underway, including: a new pedestrian bridge to facilitate walking, rolling, and biking to the new Northgate Light Rail Station. The RapidRide along Roosevelt Way will enhance bus speed, reliability, transit stations, paving, add protected bike lanes, and improve accessibility. Madison Street Bus Rapid Transit line will connect people to hospitals, schools and universities, and businesses as well as to dozens of bus routes, the First Hill Streetcar, and ferry service at the Colman Dock Ferry Terminal. In addition, planning continues on the Sound Transit Light Rail alignment between West Seattle, Downtown, the Seattle Center, Interbay, and Ballard.

Freight movement improved with the new South Lander Street Grade Separation, and will continue with a rebuilt Alaskan Way, and citywide spot improvements. Additional bridge investments include: repairing the West Seattle Bridge; replacing mechanical or electrical components for three movable bridges (University Bridge, Ballard Bridge, and Spokane Swing Bridge); supporting rehabilitation work on the 4th Avenue South bridge; and studying improvements needed for 10 additional bridges. SDOT continues to invest in pedestrian and bicycle infrastructure to increase safety for pedestrians, people biking, and people driving, through new protected bike lanes, new sidewalks, and improved street crossings.

In November 2018, SDOT published the Move Seattle Levy Workplan, which documented deliverable commitments, delivery plans, schedule assumptions, risk considerations, and spending plans for all 30 Levy subprograms. Due to COVID-19, SDOT experienced local revenue declines throughout 2020. The decrease in local revenue required SDOT to pause projects mid-year, do an assessment at the end of 2020, and to write and publish a report in early 2021 detailing the impacts on individual programs in the Levy to Move Seattle portfolio. The report provided a list of priority projects to be restored should local revenue resources recover or new revenues become available. The 2022-2027 Proposed CIP incorporates both the Workplan and COVID-19 Assessment strategies, and applies updated schedule, risk, and spending assumptions for new developments that have occurred since November 2018.

The 2022-2027 Proposed CIP includes a major change in budgeting of SDOT's capital projects, aligning the capital budget with the department's spending plan for capital projects. This results in much tighter coordination between the budget and anticipated spending. The main benefit of the new approach is an anticipated reduction in the amount of annual underspend and corresponding carryforward of capital budget appropriations. Right sizing the capital budget to what the department expects to spend presents a better alignment between the funding stream and our anticipated project delivery.

This change involves two interconnected actions. SDOT has identified \$73.6 million current year (2021) resources on ongoing projects that will not be used prior to year-end. The budget authority to spend these resources will be abandoned before the end of 2021 and will become part of the available project funding for the proposed 2022-2027 CIP. While this change does not free up resources for emerging budget needs, it does provide greater transparency and accountability in the SDOT proposed CIP. Other City departments, including Seattle Public Utilities and Seattle City Light, have implemented similar capital budgeting practices.

Grants and partnerships are an exception to this approach. Those funding sources will still represent the full amount of our awards or agreements and will automatically carryforward as they do currently.

The 2022 Proposed Budget and the 2022-2027 Proposed CIP outline investments in critical transportation infrastructure needs and include planned spending of \$1.6 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, Freight, and Transit Master

Seattle Department of Transportation

Plans; investments to facilitate freight mobility; traffic cameras and signals; bridge projects such as bridge replacement, maintenance, and seismic retrofitting; and support for the Waterfront Program. For details, please see the associated explanations below.

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

- \$5.3 million in 2022 for Arterial Major Maintenance;
- \$10.0 million in 2022 for Arterial Asphalt & Concrete Program Phase II; and
- \$1.8 million in 2022 for Non-Arterial Street Resurfacing and Restoration.

In 2022, the Arterial Asphalt & Concrete Program Phase II (AAC) does not have any new projects scheduled to start construction. The AAC program will continue construction on 15th Ave S (from S Angeline St to S Spokane St, S Spokane St from S Columbian Way to 18th Ave S, and S Columbian Way from 15th Ave S to the I-5 West Seattle Bridge Ramps) and Delridge Multimodal Corridor. The program will reach completion on 5.8 lane miles of paving in 2022 but could be completed as early as late 2021 if we have warm dry weather this Fall.

Several AAC projects will be in close out in 2022 including 15th Ave. NE, N 40th St., N 50th St., Greenlake Loop, and N 80th St. Design work will start or will continue in 2022 on the following projects 11th/12th Ave. NE, 15th Ave. NW/Ballard Bridge Deck, and Denny Way.

In addition to major contract paving, SDOT crews have planned to undertake 4 to 6 lane-miles of paving on Arterial Major Maintenance (AMM) and another 2 to 3 lane-miles on Non-Arterial Street Resurfacing and Restoration (NASRR).

Pedestrian Master Plan Investments: The 2022-2027 Proposed CIP includes five projects that are solely dedicated to advancing the recommendations of the Pedestrian Master Plan (PMP).

- The Pedestrian Master Plan Crossing Improvements project funds pedestrian crossing improvements, primarily focused on crossings near transit stops and on walking routes to school. The proposed CIP includes \$5.8 million for this project in 2022.
- The Pedestrian Master Plan New Sidewalks project includes \$5.4 million in 2022 to design and construct new sidewalks. Of the total, \$3.1 million funding is provided by the School Safety Traffic and Pedestrian Improvement Fund (SSTPIF), which collects ticket revenue from fixed automated cameras located near school zones. This fund was created for school safety infrastructure improvements, school zone camera installation and operation, school zone warning beacon maintenance, school safety program administration, and bicycle and pedestrian safety education. These SSTPIF monies will be used to construct sidewalks within Seattle Public Schools walk zones. The remaining funding (Move Seattle Levy and Real Estate Excise Tax revenue) focuses on connections to frequent transit stops.
- The Pedestrian Master Plan School Safety project includes \$2.7 million in 2022 for pedestrian improvements in school zones. The project is mainly funded by the SSTPIF. 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.

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- The Pedestrian Master Plan–Stairway Rehabilitation program totals \$1.5 million from various local funding sources. Stairways provide pedestrian connections to streets throughout Seattle’s hilly neighborhoods. The program rebuilds and 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 almost \$13.8 million of local funding to deliver ADA compliant curb ramps and accessible pedestrian signals. This funding supports the City in meeting the annual ADA curb ramp requirement of 1,250 ramps per year. Of the 2022 funding, \$2.2 million is funded by SSTPIF and will support the installation of curb ramps near Seattle Public Schools.

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

Pedestrian Master Plan Projects	2022
PMP - Crossing Improvements	\$5,802,448
PMP - New Sidewalks	\$5,435,025
PMP - School Safety	\$2,746,020
PMP - Stairway Rehabilitation	\$1,493,638
SDOT ADA Program	\$13,767,773
Total	\$29,244,904

Bicycle Master Plan Investments: The Bicycle Master Plan includes three projects specifically focused on advancing the Bike Master Plan recommendations and supporting the Bicycle Master Plan goals of safety, connectivity, ridership, equity, and livability.

- The Bike Master Plan Greenways project includes \$3.4 million in 2022 for Neighborhood Greenways to create safer, calmer residential streets by making people walking and biking the priority. Neighborhood Greenways can include speed humps, crosswalks, flashing beacons, signs and pavement markings, and speed limit signs.
- The Bike Master Plan Protected Bike Lanes project includes \$9.2 million in 2022 to provide a space used for bicycles separated from motor vehicles, parking lanes, and sidewalks. Improvements include installing bike lanes separated from general traffic with paint or barriers, bicycle route signing, bike/pedestrian signals, and restructuring trails.
- Bike Master Plan Urban Trails and Bikeways project supports the City’s Urban Trails and Bikeways. Activities include spot improvements, bike parking, and programs that promote safety and encourage riding. The proposed CIP includes \$1.0 million for this project in 2022.

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

Bike Master Plan Projects	2022
BMP - Greenways	\$3,412,000
BMP - Protected Bike Lanes	\$9,187,773

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BMP - Urban Trails and Bikeways	\$1,000,999
Total	\$13,600,772

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 projects that support both the Bike and Pedestrian Master Plans; note that dollars shown are for 2022 estimated costs and not the entire capital projects.

Projects that Support the Bike & Pedestrian Master Plan	2022
23rd Avenue Corridor Improvements	\$3,289,552
Burke-Gilman Trail Extension	\$2,028,694
Delridge Way SW - RapidRide H Line	\$10,586,793
Georgetown to South Park Trail	\$4,289,131
Heavy Haul Network Program - East Marginal Way	\$2,250,000
Highland Park Intersection Improvements	\$2,478,868
Madison BRT - RapidRide G Line	\$15,522,888
NE 43rd Street Improvements	\$9,619
Neighborhood Large Projects	\$887,296
Neighborhood Parks Street Fund - Your Voice, Your Choice	\$1,001,357
North of Downtown Mobility Action Plan	\$1,026,489
Northgate Bridge and Cycle Track	\$6,064,032
Overlook Walk and East-West Connections Project	\$75,592,001
RapidRide Roosevelt	\$21,132,734
Route 40 Transit-Plus Multimodal Corridor	\$8,132,998
Route 44 Transit-Plus Multimodal Corridor	\$3,700,480
Route 7 Transit-Plus Multimodal Corridor Project	\$1,885,564
Sidewalk Safety Repair	\$5,015,939
SPU Drainage Partnership - Broadview Pedestrian Improvements	\$1,873,597
Thomas Street Redesign	\$3,849,649
Transit Corridor Improvements	\$3,270,731
Vision Zero	\$6,242,559
West Marginal Way Safe Street and Accessibility Improvements	\$1,650,000
Total	\$181,780,971

Transit Projects:

The 2022 Proposed CIP contains 15 transit projects, including seven Transit-Plus Multimodal Corridor projects as part of the Move Seattle Levy program. These projects include redesigning major streets with more frequent and reliable buses; and upgrading paving, signals, and other improvements to improve connectivity and safety for all travelers, whether walking, biking, driving, or taking transit.

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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, and Route 40 Transit-Plus Multimodal Corridor (Fremont/Northgate). These projects rely on a variety of Levy, local, and grant funding. The seventh project, Route 48 Transit-Plus Multimodal Corridor, was added in the 2021 CIP. In addition to the large capital Transit-Plus Multimodal Corridor projects, the CIP contains 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 enhancing safe conditions for riders of all abilities). Investments include installing queue jumps, bus-only lanes, in-lane stops/bus bulbs, and bus stop and station access amenities. SDOT also provides support for Sound Transit projects through public engagement, design review, permitting and construction support for transit stations. As well as constructing pedestrian and bicycle enhancements and implementing Restricted Parking Zones adjacent to new stations.

The 2022 CIP budget also proposes to restart the Center City Connector (C3) project to capture unique timing and opportunities. The C3 project was put on hold in 2018 while an independent review and engineering analysis was performed. The project was subsequently restarted in 2019 with the understanding that additional scope elements to accommodate a larger and heavier vehicle specification would be needed. In March 2020 the C3 project was put on hold again as part of the Citywide effort to respond to financial shortfalls resulting from COVID-19 and SDOT did not advance work on the project.

With improved revenue recovery, the 2022 Proposed Budget provides \$2.4 million of Transportation Network Company (TNC) tax revenues for updating the C3 project development plan and conducting the analysis necessary to support collaboration between the City and Sound Transit for the planning of the West Seattle to Ballard Link Extension (WSLBE) Project.

The table below shows a summary of transit related investments:

Transit Projects	2022
23rd Avenue Corridor Improvements	\$3,289,552
Center City Streetcar Connector	\$2,400,000
Delridge Way SW - RapidRide H Line	\$10,586,793
Lynnwood Link Extension	\$69,928
Madison BRT - RapidRide G Line	\$15,522,888
RapidRide C & D Line Improvements	\$6,000,000
RapidRide Roosevelt	\$21,132,734
Route 40 Transit-Plus Multimodal Corridor	\$8,132,998
Route 44 Transit-Plus Multimodal Corridor	\$3,700,480
Route 48 Transit-Plus Multimodal Corridor	\$645,000
Route 7 Transit-Plus Multimodal Corridor Project	\$1,885,564
Seattle Transportation Benefit District - Transit Improvements	\$1,000,000
Sound Transit - East Link	\$70,054
Sound Transit 3	\$2,151,083
Transit Corridor Improvements	\$3,270,731

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Total	\$79,857,803
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Freight Projects:

The Heavy Haul Network Program—East Marginal Way project is currently segmented into at least two phases to maximize grant utilization and deliver safety improvements as quickly as possible. The first phase (through 2023) will create separation between freight and bicycle traffic and make signal improvements aimed at increasing safety for people using both modes. Both 100% design for Phase 2 and the Central Segment are occurring concurrently with design of Phase 1 due to a \$4 million Federal Highway Administration grant. Phase 2 reconstructs the North Segment of the street to heavy haul pavement standards supporting freight traffic, while the future Central Segment makes a non-motorized connection south to S Alaska St. The project is not fully funded and SDOT continues to pursue additional funding options, including federal grants, contributions from the Port of Seattle, and potential reallocation of project savings from completed Move Seattle Levy projects. Scope adjustments are also under consideration.

The 2022-2027 Proposed CIP also includes \$5.1 million of Move Seattle Levy funds (\$1.6 million in 2022) for the Freight Spot Improvement project. These smaller-scale vital freight spot improvements include pavement repairs in industrial areas, turning radius adjustments, and other sign 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, including all funds supporting these projects:

Freight Master Plan Projects	2022
Freight Spot Improvement Program	\$1,634,438
Heavy Haul Network Program - East Marginal Way	\$2,250,000
Total	\$3,884,438

Bridge & Structures Projects:

The City owns 124 bridges and maintaining all of them in appropriate condition is a major challenge. The Bridge Rehabilitation program in the 2022-2027 Proposed CIP explores the feasible rehabilitation and replacement options for the long-term future of 10 bridges, including: the Ballard, Magnolia, and Thornton Creek bridges, rehabilitation of the 39th/Pine Pedestrian Bridge and 90% Design for the 33rd Ave/RR Pedestrian Bridge. There is also funding set aside for the improvement of pedestrian and bicycle safety on or near City-owned bridges. The Move Seattle Levy also provides funding for the next phase in the Bridge Seismic program. Eleven bridges are being evaluated as part of the current bridge seismic retrofit program; these bridges are located throughout the city. The Proposed CIP also includes an average of \$4.3 million annually for the Bridge Painting program, which is a critical asset preservation project for the City’s 20 structural steel bridges.

Another investment in the 2022-2027 Proposed CIP relates to bridge load rating, which is a procedure to evaluate the adequacy of various structural components to carry predetermined live loads (vehicular weights). The standards were revised by the Federal Highway Administration in November 2013 and

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require SDOT to re-evaluate the load ratings for 69 bridges by 2022 for two new vehicle types. The new vehicle types are: 1) two configurations of emergency vehicles (Type EV2 and Type EV3), which are used primarily by fire departments and are equipped for firefighting; and 2) Special Haul Vehicles (SHV), which are trucks that have multi-axle configuration. The proposed CIP includes \$1,088,000 funding in 2022 to complete this mandate.

Lastly, the proposed CIP provides funding to continue the stream mitigation work for the Northgate Bridge and Multi-Use Path project. The Northgate Bridge project is a cornerstone of the Move Seattle Levy; it provides a new accessible, all ages and abilities pedestrian and bike bridge over Interstate 5 (I-5) in Northgate. The spans over I-5 are in place and the bridge is set to open in Fall 2021. The Northgate Bridge project also requires stream mitigation work (to be completed by 2024). The Willow Creek Stream Mitigation project will serve as off-site fish passage restoration and the mitigation project site at NE 100th would provide better access to suitable quality habitat.

In addition to bridges, SDOT also maintains more than 600 retaining walls throughout Seattle. The 2022-2027 Proposed CIP includes \$2 million funding to reach 100% design on a new Northlake Retaining Wall. 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 a milestone-based review from City Council.

Seattle Waterfront Capital Projects: There are four major capital projects in the SDOT budget related to the downtown waterfront. These projects were created in response to the 2001 Nisqually Earthquake that damaged the WSDOT SR 99 Viaduct on the Seattle Waterfront and made the structure vulnerable to failure in a future seismic event. Subsequent analysis of the viaduct showed the Elliott Bay Seawall timbers were deteriorating and could similarly fail during a seismic event. A decision to replace the viaduct with a tunnel for SR 99 was subsequently made by WSDOT, and Seattle voters approved funding to replace the Elliott Bay Seawall. Since both projects would dramatically affect the waterfront, in 2012, the City Council adopted the Waterfront Concept Design, Framework Plan and Strategic plan to guide restoration of a surface street along the waterfront and a number of public improvements aimed at both improving transportation and creating new public spaces for residents and visitors to enjoy.

The Elliott Bay Seawall Project (MC-TR-C014) was completed in 2017. The Alaskan Way Viaduct Replacement Project (MC-TR-C066) includes SDOT's costs related to design review, permitting issuance and administration, and construction support and acceptance of WSDOT funded projects. The WSDOT-funded improvements include the SR-99 Bored Tunnel (which opened to traffic in February 2019), demolition of the Viaduct structure, improvements to reconnect the street grid at the north and south tunnel portals, and the Battery Street Tunnel Decommissioning. Work remains to finish the decommissioning of the Battery Street Tunnel and reconnect the street grid.

The Alaskan Way Main Corridor (MC-TR-C072) and the Overlook Walk and East-West Connection projects (MC-TR-C073) are led by the Office of the Waterfront and Civic Projects. The Alaskan Way Main Corridor project began work in 2019, following Viaduct demolition by WSDOT, and includes the design

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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. Substantial completion is slated for early 2024.

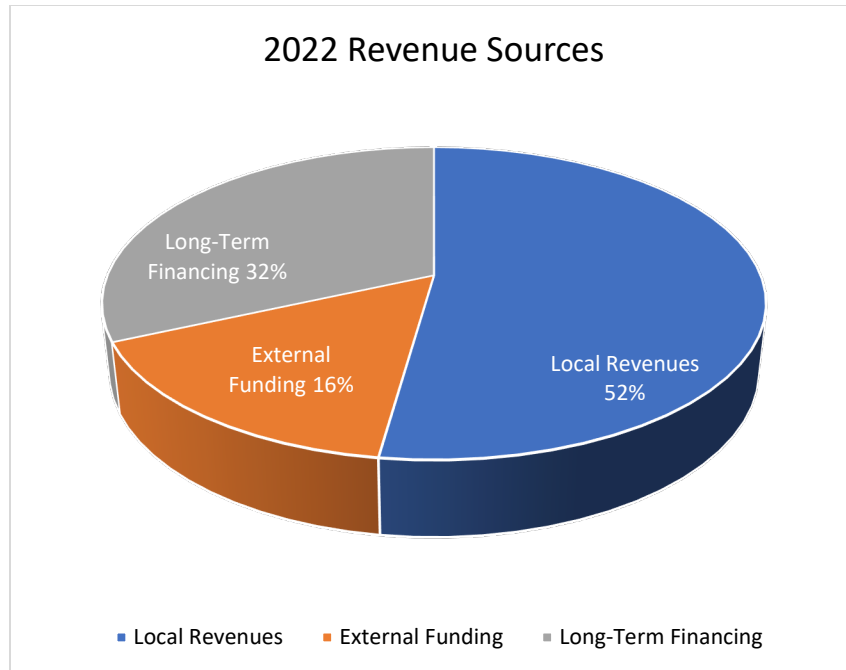
The Overlook Walk and East-West Connections projects include the Overlook Walk that provides pedestrian connections between the waterfront and the Aquarium and Pike Place Market. Construction of the East-West Connection projects began in 2021 with the start of the Union Street Pedestrian Bridge project. The Overlook Walk will begin construction in 2022, with substantial completion in 2024.

CIP Revenue Sources

Multiple funding sources support the Transportation CIP, including:

- Move Seattle Levy;
- Gas Tax;
- Multimodal funds;
- Real Estate Excise Tax;
- Commercial Parking Tax;
- Vehicle License Fees;
- Long-term financing (general obligation bonds);
- Public Works Trust Fund Loans;
- Street vacation revenues;
- School Zone Safety and red light camera revenues ;
- Street use fees;
- Property sale proceeds;
- Federal and state grants; and
- Funds from various funding partners, such as Sound Transit, the Port of Seattle and the Washington State Department of Transportation.

In 2022 the SDOT proposed CIP budget is \$422.3 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, Vehicle License Fees, and School Safety Traffic and Pedestrian Improvement funds. 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.

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** – We believe 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** – We believe 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** – We believe 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.

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- 4. Sustainability** – We believe 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** – We believe 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** – We believe 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.

Community members have significant input in the development of all SDOT plans through public engagement processes. Seattle’s Pedestrian, Bicycle, Transit and Freight Advisory Boards are 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 City Council on the allocation of resources. Representatives from SDOT regularly meet with the Oversight Committee, 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. Starting in 2022, a Transportation Equity Framework being codeveloped with a Transportation Equity Workgroup will influence decisions and investments as well.

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 on project prioritization and schedule.

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, Vision Zero, and the Climate Action Plan. SDOT’s 10 Year Strategic Transportation Plan, modal plans, and subarea plans provide an overall framework for implementing these goals.

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:	\$62,396	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. Phases 1 and 2 are complete. Phase 3 of the project which completes the improvements between John St. and State Route 520 remains on indefinite hold due to funding constraints. An interim Vision Zero project will construct new traffic signals, parking modifications, new curb ramps, traffic calming, speed reduction, pedestrian safety, and transit stop improvements in the Phase 3 project area.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	3,063	9	-	-	-	-	-	-	3,071
Commercial Parking Tax	115	7	-	-	-	-	-	-	122
Federal Grant Funds	4,990	-	-	-	-	-	-	-	4,990
LTGO Bond Proceeds	14,529	15	-	-	-	-	-	-	14,544
Private Funding/Donations	5	-	-	-	-	-	-	-	5
Real Estate Excise Tax II	4,971	(7)	-	-	-	-	-	-	4,964
State Grant Funds	10,813	197	-	-	-	-	-	-	11,010
Transportation Funding Package - Lid Lift	11,730	-	-	-	-	-	-	-	11,730
Transportation Funding Package - Parking Tax	-	-	-	-	-	-	-	-	-
Transportation Move Seattle Levy - Lid Lift	7,731	-	-	-	-	-	-	-	7,731
Use of Fund Balance	(13)	13	-	-	-	-	-	-	-
Vehicle License Fees \$60 & 0.1% Sales Tax	-	1,010	3,290	-	-	-	-	-	4,300
Water Rates	10	-	-	-	-	-	-	-	10
Total:	57,945	1,244	3,290	-	-	-	-	-	62,478
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2011 Multipurpose LTGO Bond Fund	5,622	-	-	-	-	-	-	-	5,622
2016 Multipurpose LTGO Bond Fund	7,930	15	-	-	-	-	-	-	7,945
2017 Multipurpose LTGO Bond Fund	977	-	-	-	-	-	-	-	977
Bridging The Gap Levy Fund	11,730	-	-	-	-	-	-	-	11,730
Move Seattle Levy Fund	7,574	(47)	-	-	-	-	-	-	7,527
REET II Capital Fund	4,971	(7)	-	-	-	-	-	-	4,964
Transportation Benefit District Fund	-	1,010	3,290	-	-	-	-	-	4,300
Transportation Fund	19,141	272	-	-	-	-	-	-	19,412
Total:	57,945	1,244	3,290	-	-	-	-	-	62,478

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	2021 Revised	2022	2023	2024	2025	2026	2027	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.

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

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 for the Third Avenue transit corridor in downtown Seattle, specifically focused on bus stop, streetscape, and transit streetpriority improvements, e.g. installation of Third Avenue and Denny Way transit only signal, on Third Avenue between S. Jackson Street and Denny Way.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	2,150	155	-	-	-	-	-	-	2,305
Developer Mitigation	1	76	-	-	-	-	-	-	77
Federal Grant Funds	4,078	5,298	-	-	-	-	-	-	9,376
King County Funds	730	678	-	-	-	-	-	-	1,408
Private Funding/Donations	1	-	-	-	-	-	-	-	1
Real Estate Excise Tax I	(25)	38	-	-	-	-	-	-	12
Real Estate Excise Tax II	658	50	-	-	-	-	-	-	708
Sound Transit Funds	292	(292)	-	-	-	-	-	-	-
State Grant Funds	204	-	-	-	-	-	-	-	204
Transportation Funding Package - Lid Lift	622	-	-	-	-	-	-	-	622
Transportation Move Seattle Levy - Lid Lift	(155)	155	-	-	-	-	-	-	-
Total:	8,555	6,159	-	-	-	-	-	-	14,713
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	622	-	-	-	-	-	-	-	622
Move Seattle Levy Fund	(131)	131	-	-	-	-	-	-	-
REET I Capital Fund	(38)	38	-	-	-	-	-	-	-
REET II Capital Fund	658	50	-	-	-	-	-	-	708
Transportation Fund	7,443	5,940	-	-	-	-	-	-	13,383
Total:	8,555	6,159	-	-	-	-	-	-	14,713

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Street Use Fees	-	(4,251)	-	-	-	-	-	-	(4,251)
Street Vacations - SVF	-	400	-	-	-	-	-	-	400
User Fees	15,186	7,291	3,560	1,691	1,000	1,000	-	-	29,728
Total:	15,186	3,440	3,560	1,691	1,000	1,000	-	-	25,877
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Fund	15,186	3,440	3,560	1,691	1,000	1,000	-	-	25,877
Total:	15,186	3,440	3,560	1,691	1,000	1,000	-	-	25,877

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 2 - Initiation, Project Definition, & Planning	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
State Grant Funds	-	-	-	900	-	-	-	-	900
Transportation Move Seattle Levy - Lid Lift	999	1,001	-	-	-	-	-	-	2,000
Total:	999	1,001	-	900	-	-	-	-	2,900
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	999	1,001	-	-	-	-	-	-	2,000
Transportation Fund	-	-	-	900	-	-	-	-	900
Total:	999	1,001	-	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.

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

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:	\$372,208	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 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.

Previous versions of the CIP showed the use of interfund loan resources as part of this project's budget. Following repayment of the interfund loans used, this resource no longer shows as part of the CIP.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	16	-	-	-	-	-	-	-	16
Commercial Parking Tax	6,118	-	-	-	-	-	-	-	6,117
Drainage and Wastewater Rates	263	-	-	-	-	-	-	-	263
Interfund Loan	-	432	-	-	-	-	-	-	432
Local Improvement District Funding	4,723	-	13,302	10,575	-	-	-	-	28,600
LTGO Bond Proceeds	55,653	18,780	10,275	713	-	-	-	-	85,422
Miscellaneous Revenues	-	460	-	-	-	-	-	-	460
Partnership - WSDOT	108,660	83,766	6,194	5,990	-	-	-	-	204,611
Private Funding - Utilities	1,111	-	-	-	-	-	-	-	1,111
Private Funding/Donations	1,373	3,326	2,909	3,390	3,144	-	-	-	14,142
Real Estate Excise Tax II	2,167	2,906	3,100	-	-	-	-	-	8,173
Seawall Levy	5,297	-	-	-	-	-	-	-	5,297
State Grant Funds	1,951	202	-	-	-	-	-	-	2,153
Street Use Fees	3,604	1	-	-	-	-	-	-	3,605
Street Vacations - CRSU	1,300	-	-	-	-	-	-	-	1,300
Street Vacations - SVF	1,259	248	-	-	-	-	-	-	1,507
Total:	193,496	110,120	35,780	20,668	3,144	-	-	-	363,208

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2015 Multipurpose LTGO Bond Fund	7,395	-	-	-	-	-	-	-	7,395
2016 Multipurpose LTGO Bond Fund	13,893	-	-	-	-	-	-	-	13,893
2017 Multipurpose LTGO Bond Fund	6,381	44	-	-	-	-	-	-	6,425
2018 LTGO Taxable Bond Fund	128	380	-	-	-	-	-	-	509
2018 Multipurpose LTGO Bond Fund	6,017	100	-	-	-	-	-	-	6,117
2019 Multipurpose LTGO Bond Fund	9,759	711	-	-	-	-	-	-	10,470
2020 Multipurpose LTGO Bond Fund	7,942	6,814	-	-	-	-	-	-	14,756
2021 Multipurpose LTGO Bond Fund	-	10,000	-	-	-	-	-	-	10,000
2021 West Seattle Bridge Repair LTGO Bond Fund	-	730	-	-	-	-	-	-	730
2022 Multipurpose LTGO Bond Fund	-	-	10,275	-	-	-	-	-	10,275
2023 Multipurpose LTGO Bond Fund	-	-	-	713	-	-	-	-	713
Alaskan Way Seawall Const Fund	5,297	-	-	-	-	-	-	-	5,297
Central Waterfront Improvement Fund	12,044	4,324	2,909	3,390	3,144	-	-	-	25,811
REET II Capital Fund	1,877	2,906	3,100	-	-	-	-	-	7,883
Transportation Fund	121,464	84,109	6,194	5,990	-	-	-	-	217,757
Unrestricted Cumulative Reserve Fund	1,300	-	-	-	-	-	-	-	1,300
Waterfront LID #6751	-	-	13,302	10,575	-	-	-	-	23,877
Total:	193,496	110,120	35,780	20,668	3,144	-	-	-	363,208
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	9,000	-	-	-	-	9,000
Total:	-	-	-	9,000	-	-	-	-	9,000

Unsecured Funding Strategy: The demolition of the Alaskan Way Viaduct was delayed from its original timeline. This delayed the Alaskan Way Main Corridor project and increased costs for the Waterfront program. WSDOT and the City worked together last year to make a request of the Legislature for an additional \$9m from the liquidated damages settlement from the Tunnel contractor to cover part of these costs. While the request was not included biennial budget, the City and State are working together to include the funding in the Governor's budget proposal and request the funds in the upcoming legislative session. This \$9 million is being shown in the Proposed 2022-2027 CIP as To Be Determined funding.

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. Transportation infrastructure capital elements are planned to be maintained through the proposed Waterfront Transportation Infrastructure Maintenance project, MC-TR-109.

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 6 - Closeout	Council District:	Multiple
Start/End Date:	2001 - 2019	Neighborhood District:	Multiple
Total Project Cost:	\$99,864	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	93	-	-	-	-	-	-	93
Commercial Parking Tax	8,785	217	-	-	-	-	-	-	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	43,256	1,232	-	-	-	-	-	-	44,487
Partnership - WSDOT	32,085	4,480	-	-	-	-	-	-	36,565
Seawall Levy	328	-	-	-	-	-	-	-	328
Sound Transit Funds	(450)	457	-	-	-	-	-	-	7
State Gas Taxes - City Street Fund	1,081	-	-	-	-	-	-	-	1,081
Street Use Fees	-	(3,058)	-	-	-	-	-	-	(3,058)
Transportation Funding Package - Parking Tax	-	(217)	-	-	-	-	-	-	(217)
User Fees	11	3,058	-	-	-	-	-	-	3,069
Waterway Use Fee	108	-	-	-	-	-	-	-	108
Total:	94,382	6,847	-	-	-	-	-	-	101,229

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	2021 Revised	2022	2023	2024	2025	2026	2027	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	3,500	-	-	-	-	-	-	-	3,500
2017 Multipurpose LTGO Bond Fund	700	-	-	-	-	-	-	-	700
2018 Multipurpose LTGO Bond Fund	37	-	-	-	-	-	-	-	37
2019 Multipurpose LTGO Bond Fund	285	1,015	-	-	-	-	-	-	1,300
2021 West Seattle Bridge Repair LTGO Bond Fund	-	217	-	-	-	-	-	-	217
Alaskan Way Seawall Const Fund	328	-	-	-	-	-	-	-	328
Central Waterfront Improvement Fund	-	585	-	-	-	-	-	-	585
General Fund	2,951	-	-	-	-	-	-	-	2,951
Transportation Fund	47,847	5,030	-	-	-	-	-	-	52,877
Total:	94,382	6,847	-	-	-	-	-	-	101,229

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	1,269	-	-	-	-	-	-	1,269
Commercial Parking Tax	189	-	-	-	-	-	-	-	189
Drainage and Wastewater Rates	923	334	-	-	-	-	-	-	1,257
Federal Grant Funds	3,631	16,266	-	-	-	-	-	-	19,896
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
LTGO Bond Proceeds	122	-	-	-	-	-	-	-	122
Private Funding - Utilities	993	(993)	-	-	-	-	-	-	-
Real Estate Excise Tax I	2,219	411	-	-	-	-	-	-	2,630
Real Estate Excise Tax II	535	38	-	-	-	-	-	-	573
State Grant Funds	1,636	-	-	-	-	-	-	-	1,635
Transportation Funding Package - Lid Lift	-	12	-	-	-	-	-	-	12
Transportation Move Seattle Levy - Lid Lift	101,763	26,798	10,005	19,796	27,889	-	-	-	186,251
Water Rates	744	(744)	-	-	-	-	-	-	-
Total:	112,754	43,391	10,005	19,796	27,889	-	-	-	213,834
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2015 Multipurpose LTGO Bond Fund	122	-	-	-	-	-	-	-	122
Bridging The Gap Levy Fund	-	12	-	-	-	-	-	-	12
Move Seattle Levy Fund	101,466	23,304	10,005	19,796	27,889	-	-	-	182,459
REET I Capital Fund	2,219	411	-	-	-	-	-	-	2,630
REET II Capital Fund	535	38	-	-	-	-	-	-	573
Transportation Fund	8,412	19,626	-	-	-	-	-	-	28,039
Total:	112,754	43,391	10,005	19,796	27,889	-	-	-	213,834

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 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	375	-	-	-	-	-	-	-	375
Commercial Parking Tax	15,935	-	-	-	-	-	-	-	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	-	-	-	-	-	-	-	105,759
Transportation Move Seattle Levy - Lid Lift	8,785	7	-	-	-	-	-	-	8,792
Vehicle Licensing Fees	346	-	-	-	-	-	-	-	346
Total:	223,713	7	-	-	-	-	-	-	223,720

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	2021 Revised	2022	2023	2024	2025	2026	2027	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	-	-	-	-	-	-	-	105,759
General Fund	3,200	-	-	-	-	-	-	-	3,200
Move Seattle Levy Fund	8,785	7	-	-	-	-	-	-	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:	223,713	7	-	-	-	-	-	-	223,720

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	3,564	-	-	-	-	1,784	-	-	5,348
Interdepartmental Transfer	-	3	-	-	-	-	-	-	3
Parking Garage Disposition Proceeds	1,560	-	-	-	-	-	-	-	1,560
Private Funding - Utilities	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax I	4,341	-	-	-	-	-	-	-	4,341
Real Estate Excise Tax II	5,435	2,074	74	-	-	500	500	-	8,583
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	11,718	3,056	4,580	3,650	3,734	-	-	-	26,737
Vehicle Licensing Fees	1,913	1,280	665	679	693	714	-	-	5,945
Total:	31,114	7,072	5,319	4,329	4,427	2,998	500	-	55,759
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	2,288	-	-	-	-	-	-	-	2,288
Garage Disposition Proceeds	1,560	-	-	-	-	-	-	-	1,560
Move Seattle Levy Fund	11,717	3,056	4,580	3,650	3,734	-	-	-	26,737
REET I Capital Fund	4,341	-	-	-	-	-	-	-	4,341
REET II Capital Fund	5,435	2,074	74	-	-	500	500	-	8,583
Transportation Benefit District Fund	1,913	1,280	665	679	693	714	-	-	5,945
Transportation Fund	3,859	661	-	-	-	1,784	-	-	6,304
Total:	31,114	7,072	5,319	4,329	4,427	2,998	500	-	55,759
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	2,500	2,500	4,637	-	513	10,150
Total:	-	-	-	2,500	2,500	4,637	-	513	10,150

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	546	-	-	-	-	-	-	-	546
Transportation Funding Package - Lid Lift	54	-	-	-	-	-	-	-	54
Vehicle Licensing Fees	156	-	-	-	-	-	-	-	156
Total:	756	-	-	-	-	-	-	-	756
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	54	-	-	-	-	-	-	-	54
General Fund	546	-	-	-	-	-	-	-	546
Transportation Benefit District Fund	156	-	-	-	-	-	-	-	156
Total:	756	-	-	-	-	-	-	-	756

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 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	19	44	-	-	-	-	-	-	63
Developer Mitigation	800	-	-	-	-	-	-	-	800
Drainage and Wastewater Rates	4	41	-	-	-	-	-	-	44
Federal Grant Funds	-	1,875	-	-	-	-	-	-	1,875
Landscape Conservation & Local Infrastructure Program	129	145	-	-	-	-	-	-	274
Real Estate Excise Tax II	150	1,380	1,020	93	907	-	-	-	3,550
School Camera Ticket Revenues	593	(593)	-	-	-	-	-	-	-
State Grant Funds	-	544	-	-	-	-	-	-	544
Traffic Enforcement Camera Revenue	-	1,400	-	-	-	-	-	-	1,400
Transportation Move Seattle Levy - Lid Lift	9,616	7,293	2,392	1,319	-	-	-	-	20,620
Vehicle Licensing Fees	1,743	(43)	-	-	-	-	-	-	1,700
Water Rates	119	(112)	-	-	-	-	-	-	7
Total:	13,174	11,973	3,412	1,412	907	-	-	-	30,877
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Coronavirus Local Fiscal Recovery Fund	-	1,875	-	-	-	-	-	-	1,875
Move Seattle Levy Fund	9,682	7,228	2,392	1,319	-	-	-	-	20,620
REET II Capital Fund	150	1,380	1,020	93	907	-	-	-	3,550
School Safety Traffic and Pedestrian Improvement Fund	593	807	-	-	-	-	-	-	1,400
Transportation Benefit District Fund	1,678	22	-	-	-	-	-	-	1,700
Transportation Fund	1,071	662	-	-	-	-	-	-	1,732
Total:	13,174	11,973	3,412	1,412	907	-	-	-	30,877
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	1,318	4,115	4,223	4,329	13,985
Total:	-	-	-	-	1,318	4,115	4,223	4,329	13,985

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 protected bike lanes, 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	267	168	-	-	-	-	-	-	436
Commercial Parking Tax	1,380	(218)	-	-	-	-	-	-	1,162
Developer Mitigation	-	1,600	-	-	-	-	-	-	1,600
Drainage and Wastewater Rates	147	288	-	-	-	-	-	-	435
Federal Grant Funds	6,918	12,306	-	-	-	-	-	-	19,224
General Fund	1,100	840	-	-	-	-	-	-	1,940
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Private Funding/Donations	10	-	-	-	-	-	-	-	10
Public Benefit Payment	443	(1,200)	1,500	13,000	2,257	-	-	-	16,000
Real Estate Excise Tax I	400	-	-	-	-	-	-	-	400
Real Estate Excise Tax II	441	4	-	-	-	-	-	-	444
Rubble Yard Proceeds	346	-	-	-	-	-	-	-	346
School Camera Ticket Revenues	(3)	3	-	-	-	-	-	-	-
State Gas Taxes - Arterial City Street Fund	-	-	-	-	-	-	-	-	-
State Gas Taxes - City Street Fund	3,889	1,486	-	-	-	-	-	-	5,375
State Grant Funds	578	1,801	-	-	-	-	-	-	2,379
Street Vacations - SVF	-	4,839	-	-	-	-	-	-	4,839
Transportation Funding Package - Lid Lift	23,944	-	-	-	-	-	-	-	23,944
Transportation Move Seattle Levy - Lid Lift	32,556	3,214	6,363	2,161	1,000	-	-	-	45,294
Transportation Network Company Revenue	-	300	-	-	-	-	-	-	300
User Fees	1,631	(435)	-	-	-	-	-	-	1,196
Vehicle Licensing Fees	6,333	2,013	1,325	1,358	-	-	-	-	11,029
Total:	80,379	27,010	9,188	16,519	3,257	-	-	-	136,353

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	23,944	-	-	-	-	-	-	-	23,944
General Fund	1,100	1,140	-	-	-	-	-	-	2,240
Move Seattle Levy Fund	32,776	2,993	6,363	2,161	1,000	-	-	-	45,294
REET I Capital Fund	400	-	-	-	-	-	-	-	400
REET II Capital Fund	441	4	-	-	-	-	-	-	444
School Safety Traffic and Pedestrian Improvement Fund	-	-	-	-	-	-	-	-	-
Transportation Benefit District Fund	6,334	2,012	1,325	1,358	-	-	-	-	11,029
Transportation Fund	15,384	20,861	1,500	13,000	2,257	-	-	-	53,003
Total:	80,379	27,010	9,188	16,519	3,257	-	-	-	136,353

Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	9,227	8,829	9,050	27,105
Total:	-	-	-	-	-	9,227	8,829	9,050	27,105

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Funding Package - Lid Lift	103	3	-	-	-	-	-	-	106
Transportation Move Seattle Levy - Lid Lift	2,942	1,017	1,001	1,039	979	1,352	-	-	8,330
User Fees	295	9	-	-	-	-	-	-	304
Vehicle Licensing Fees	320	10	-	-	-	-	-	-	331
Total:	3,660	1,039	1,001	1,039	979	1,352	-	-	9,071
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	103	3	-	-	-	-	-	-	106
Move Seattle Levy Fund	2,945	1,013	1,001	1,039	979	1,352	-	-	8,330
Transportation Benefit District Fund	317	14	-	-	-	-	-	-	331
Transportation Fund	295	9	-	-	-	-	-	-	304
Total:	3,660	1,039	1,001	1,039	979	1,352	-	-	9,071
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	-	1,326	1,359	2,685
Total:	-	-	-	-	-	-	1,326	1,359	2,685

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Street Use Fees	-	224	-	-	-	-	-	-	224
User Fees	1,674	276	-	-	-	-	-	-	1,950
Total:	1,674	500	-	-	-	-	-	-	2,174

Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	300	-	-	-	-	-	-	-	300
General Fund	302	-	-	-	-	-	-	-	302
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax I	-	440	-	-	-	-	-	-	440
Real Estate Excise Tax II	1,142	-	430	346	273	-	-	-	2,191
State Gas Taxes - City Street Fund	4,854	469	-	-	-	366	-	-	5,688
Street Vacations - SVF	-	1,036	658	-	-	-	-	-	1,694
Vehicle Licensing Fees	200	-	-	-	-	-	-	-	200
Total:	6,798	1,945	1,088	346	273	366	-	-	10,816
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	302	-	-	-	-	-	-	-	302
REET I Capital Fund	-	440	-	-	-	-	-	-	440
REET II Capital Fund	1,142	-	430	346	273	-	-	-	2,191
Transportation Benefit District Fund	200	-	-	-	-	-	-	-	200
Transportation Fund	5,154	1,505	658	-	-	366	-	-	7,683
Total:	6,798	1,945	1,088	346	273	366	-	-	10,816
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	-	377	386	763
Total:	-	-	-	-	-	-	377	386	763

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:	Citywide, Multiple
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 the City's steel structures that are maintained by the Roadway Structures Division. 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	2021 Revised	2022	2023	2024	2025	2026	2027	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	27,596	830	2,020	7,510	1,935	2,135	3,648	-	45,674
Rubble Yard Proceeds	300	-	-	-	-	-	-	-	300
South Lake Union Property Sale Proceeds	91	-	-	-	-	-	-	-	91
State Gas Taxes - City Street Fund	599	-	-	-	-	-	-	-	599
Use of Fund Balance	(5)	5	-	-	-	-	-	-	-
Total:	30,126	835	2,020	7,510	1,935	2,135	3,648	-	48,209
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	1,189	-	-	-	-	-	-	-	1,189
REET I Capital Fund	141	-	-	-	-	-	-	-	141
REET II Capital Fund	27,596	835	2,020	7,510	1,935	2,135	3,648	-	45,680
Transportation Fund	1,200	-	-	-	-	-	-	-	1,200
Total:	30,126	835	2,020	7,510	1,935	2,135	3,648	-	48,209
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	-	2,235	6,036	8,271
Total:	-	-	-	-	-	-	2,235	6,036	8,271

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	2,876	25	-	-	-	-	-	-	2,901
Commercial Parking Tax	2,647	-	-	-	-	-	-	-	2,647
Drainage and Wastewater Rates	207	581	-	-	-	-	-	-	788
Federal Grant Funds	19,701	1,935	-	-	-	-	-	-	21,636
General Fund	11	-	-	-	-	-	-	-	11
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
King County Funds	538	2	-	-	-	-	-	-	540
LTGO Bond Proceeds	57,573	2,182	-	-	-	-	-	-	59,756
Miscellaneous Grants or Donations	-	-	-	-	-	-	-	-	-
Private Funding/Donations	2,374	-	-	-	-	-	-	-	2,374
Public Works Trust Fund Proceeds	15,783	1,217	-	-	-	-	-	-	17,000
Real Estate Excise Tax II	320	-	-	-	-	-	-	-	320
State Gas Taxes - City Street Fund	20	-	-	-	-	-	-	-	20
State Grant Funds	7,616	371	-	-	-	-	-	-	7,987
Street Vacations - SVF	150	60	-	-	-	-	-	-	211
Transportation Funding Package - Business Transportation Tax	1,544	-	-	-	-	-	-	-	1,544
Transportation Funding Package - Lid Lift	2,784	159	-	-	-	-	-	-	2,943
Transportation Move Seattle Levy - Lid Lift	7,386	11,103	1,244	30	30	33	-	-	19,826
Water Rates	223	-	-	-	-	-	-	-	223
Total:	121,753	17,635	1,244	30	30	33	-	-	140,725

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	2021 Revised	2022	2023	2024	2025	2026	2027	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	1,562	812	-	-	-	-	-	-	2,374
2021 West Seattle Bridge Repair LTGO Bond Fund	-	1,339	-	-	-	-	-	-	1,339
Bridging The Gap Levy Fund	2,784	159	-	-	-	-	-	-	2,943
General Fund	11	-	-	-	-	-	-	-	11
Move Seattle Levy Fund	7,385	11,103	1,244	30	30	33	-	-	19,826
REET II Capital Fund	320	-	-	-	-	-	-	-	320
Transportation Fund	53,681	4,189	-	-	-	-	-	-	57,870
Total:	121,753	17,635	1,244	30	30	33	-	-	140,725
	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Unsecured Funding:									
To Be Determined	-	-	-	-	-	-	32	-	32
Total:	-	-	-	-	-	-	32	-	32

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 develop a funding plan for the future rehabilitation or replacement of these bridges.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	149	104	-	-	-	-	-	-	253
Federal Grant Funds	1,559	-	-	-	-	-	-	-	1,559
LTGO Bond Proceeds	762	171	-	-	-	-	-	-	933
Real Estate Excise Tax I	49	73	-	-	-	-	-	-	122
Real Estate Excise Tax II	239	542	2,152	-	-	500	500	-	3,933
State Gas Taxes - City Street Fund	-	11	-	-	-	-	-	-	11
Street Vacations - SVF	-	176	-	-	-	-	-	-	176
Transportation Funding Package - Parking Tax	-	(1)	-	-	-	-	-	-	(1)
Transportation Move Seattle Levy - Lid Lift	5,059	1,196	4,500	-	2,923	-	-	-	13,678
Total:	7,818	2,271	6,652	-	2,923	500	500	-	20,664
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2011 Multipurpose LTGO Bond Fund	324	-	-	-	-	-	-	-	324
2015 Multipurpose LTGO Bond Fund	438	171	-	-	-	-	-	-	609
Move Seattle Levy Fund	5,059	1,196	4,500	-	2,923	-	-	-	13,678
REET I Capital Fund	49	73	-	-	-	-	-	-	122
REET II Capital Fund	239	542	2,152	-	-	500	500	-	3,933
Transportation Fund	1,709	289	-	-	-	-	-	-	1,998
Total:	7,818	2,271	6,652	-	2,923	500	500	-	20,664
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	-	-	513	513
Total:	-	-	-	-	-	-	-	513	513

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 seismic vulnerability. Concept level analysis and evaluation is performed to develop a retrofit strategy and cost estimate. As funding allows, retrofit design and construction phases are implemented. If full funding is not available, seismic retrofits are scaled to the appropriate funding level that would still provide improvements in the 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	-	-	130	-	-	-	-	-	130
Federal Grant Funds	3,216	2,770	-	-	-	-	-	-	5,986
LTGO Bond Proceeds	525	-	-	-	-	-	-	-	525
State Grant Funds	-	336	-	-	-	-	-	-	336
Street Vacations - SVF	664	212	418	-	-	-	-	-	1,294
Transportation Funding Package - Lid Lift	97	-	-	-	-	-	-	-	97
Transportation Move Seattle Levy - Lid Lift	15,266	10,054	24,307	11,764	5,966	-	-	-	67,357
Total:	19,767	13,373	24,855	11,764	5,966	-	-	-	75,725
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2011 Multipurpose LTGO Bond Fund	525	-	-	-	-	-	-	-	525
Bridging The Gap Levy Fund	97	-	-	-	-	-	-	-	97
Move Seattle Levy Fund	15,266	10,054	24,307	11,764	5,966	-	-	-	67,357
Transportation Fund	3,879	3,319	548	-	-	-	-	-	7,746
Total:	19,767	13,373	24,855	11,764	5,966	-	-	-	75,725
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	5,952	6,130	6,283	18,365
Total:	-	-	-	-	-	5,952	6,130	6,283	18,365

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:	\$2,091	Urban Village:	Multiple

This project will advance the concept designs for Seattle's RapidRide and Transit-Plus Multimodal Corridor Expansion program. In order to deliver the corridor improvements, 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Move Seattle Levy - Lid Lift	1,690	350	-	-	-	-	-	-	2,041
Vehicle License Fees \$60 & 0.1% Sales Tax	-	400	-	-	-	-	-	-	400
Total:	1,690	750	-	-	-	-	-	-	2,441
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	1,690	350	-	-	-	-	-	-	2,041
Transportation Benefit District Fund	-	400	-	-	-	-	-	-	400
Total:	1,690	750	-	-	-	-	-	-	2,441

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	750	-	-	-	-	-	-	-	750
Total:	750	-	-	-	-	-	-	-	750
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Fund	750	-	-	-	-	-	-	-	750
Total:	750	-	-	-	-	-	-	-	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 - 2022	Neighborhood District:	Ballard
Total Project Cost:	\$37,172	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 2024.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1,486	586	-	-	-	-	-	-	2,073
Commercial Parking Tax	701	-	-	-	-	-	-	-	701
Drainage and Wastewater Rates	422	110	-	-	-	-	-	-	531
Federal Grant Funds	4,938	-	-	-	-	-	-	-	4,938
General Fund	672	-	-	-	-	-	-	-	672
King County Funds	2,676	(16)	-	-	-	-	-	-	2,660
King County Voter-Approved Levy	635	-	-	-	-	-	-	-	635
LTGO Bond Proceeds	1,118	-	-	-	-	-	-	-	1,118
Private Funding - Utilities	-	-	-	-	-	-	-	-	-
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	392	958	-	-	-	-	-	-	1,350
Surplus Property Sales	850	549	-	-	-	-	-	-	1,399
Trail and Open Space Levy	4,163	57	-	-	-	-	-	-	4,219
Transportation Funding Package - Business Transportation Tax	458	-	-	-	-	-	-	-	458
Transportation Funding Package - Lid Lift	2,548	-	-	-	-	-	-	-	2,548
Transportation Move Seattle Levy - Lid Lift	5,769	451	2,029	-	-	-	-	-	8,248
Vehicle Licensing Fees	1,643	-	-	-	-	-	-	-	1,643
Water Rates	241	(17)	-	-	-	-	-	-	224
Total:	32,232	2,911	2,029	-	-	-	-	-	37,172

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2000 Parks Levy Fund	566	57	-	-	-	-	-	-	622
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	5,769	451	2,029	-	-	-	-	-	8,248
REET II Capital Fund	1,723	-	-	-	-	-	-	-	1,723
Transportation Benefit District Fund	1,643	-	-	-	-	-	-	-	1,643
Transportation Bond Fund	384	-	-	-	-	-	-	-	384
Transportation Fund	13,962	2,403	-	-	-	-	-	-	16,365
Unrestricted Cumulative Reserve Fund	635	-	-	-	-	-	-	-	635
Total:	32,232	2,911	2,029	-	-	-	-	-	37,172
	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Unsecured Funding:									
To Be Determined	-	-	-	400	-	-	-	-	400
Total:	-	-	-	400	-	-	-	-	400

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 - 2022	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$15,210	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Developer Mitigation	914	474	-	-	-	-	-	-	1,388
Federal Grant Funds	3,071	2,162	-	-	-	-	-	-	5,234
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Miscellaneous Grants or Donations	-	-	-	-	-	-	-	-	-
Partnership Funds	-	1,820	-	-	-	-	-	-	1,820
Street Vacations - SVF	1,234	66	-	-	-	-	-	-	1,300
Transportation Move Seattle Levy - Lid Lift	1,511	4,904	-	-	-	-	-	-	6,415
Total:	6,731	9,426	-	-	-	-	-	-	16,157
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	1,511	89	-	-	-	-	-	-	1,600
Transportation Fund	5,219	9,337	-	-	-	-	-	-	14,557
Total:	6,731	9,426	-	-	-	-	-	-	16,157

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:	\$237,369	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 was passed in August 2019, allowing the project to progress to 30% design. In June 2020, the project was paused as part of the Citywide effort to mitigate revenue losses due to Covid-19

The project was put on indefinite pause in July 2020 in response to Citywide budget shortfalls caused by Covid-19

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	805	4,447	-	-	-	-	-	-	5,251
Commercial Parking Tax	784	(284)	-	-	-	-	-	-	500
Drainage and Wastewater Rates	2,393	6,372	-	8,000	2,500	391	-	-	19,656
Federal Grant Funds	13,720	14,294	-	19,949	18,598	10,705	-	-	77,266
Interfund Loan	252	748	-	-	-	-	-	-	1,000
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
Transportation Network Company Revenue	-	-	2,400	-	-	-	-	-	2,400
Vehicle Licensing Fees	3,968	-	-	-	-	-	-	-	3,968
Water Rates	13,694	(483)	-	8,000	2,500	400	-	-	24,111
Total:	45,742	25,094	2,400	35,949	23,598	11,496	-	-	144,279
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised¹	2022	2023	2024	2025	2026	2027	Total
2017 Multipurpose LTGO Bond Fund	4,701	-	-	-	-	-	-	-	4,701
Bridging The Gap Levy Fund	1,375	-	-	-	-	-	-	-	1,375
General Fund	-	-	2,400	-	-	-	-	-	2,400
Transportation Benefit District Fund	3,968	-	-	-	-	-	-	-	3,968
Transportation Fund	34,198	25,094	-	35,949	23,598	11,496	-	-	130,335
Unrestricted Cumulative Reserve Fund	1,500	-	-	-	-	-	-	-	1,500
Total:	45,742	25,094	2,400	35,949	23,598	11,496	-	-	144,279
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	36,000	41,800	15,006	-	-	92,806
Total:	-	-	-	36,000	41,800	15,006	-	-	92,806

Unsecured Funding Strategy: SDOT will continue to work with the Mayor's office and City Council to determine the future of the project.

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

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.

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:		Urban Village:	Not in an Urban Village

The project funds REET debt service for portions of the following projects: Alaskan Way Viaduct/Seawall (MC-TR-C006), Alaskan Way Main Corridor (MC-TR-C072), West Seattle Bridge Immediate Response (MC-TR-C110), and Fremont Bridge Approaches (TC365790, no new Project ID because project completed prior to 2018).

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax II	7,245	3,252	8,053	10,108	9,919	9,921	9,462	9,094	67,052
Total:	7,245	3,252	8,053	10,108	9,919	9,921	9,462	9,094	67,052
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET II Capital Fund	7,245	3,252	8,053	10,108	9,919	9,921	9,462	9,094	67,052
Total:	7,245	3,252	8,053	10,108	9,919	9,921	9,462	9,094	67,052

O&M Impacts: NA

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

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 5 - Construction	Council District:	Council District 1
Start/End Date:	2016 - 2021	Neighborhood District:	Delridge
Total Project Cost:	\$51,116	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.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	2,503	5,641	3,479	-	-	-	-	-	11,623
Drainage and Wastewater Rates	3,094	919	-	-	-	-	-	-	4,013
King County Funds	3,060	9,140	1,800	-	-	-	-	-	14,000
State Grant Funds	7,646	1,853	999	-	-	-	-	-	10,498
Transportation Move Seattle Levy - Lid Lift	5,113	1,818	2,569	-	-	-	-	-	9,499
Vehicle Licensing Fees	300	-	-	-	-	-	-	-	300
Water Rates	4,691	(2,691)	1,740	-	-	-	-	-	3,740
Total:	26,406	16,680	10,587	-	-	-	-	-	53,673
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	5,082	1,849	2,569	-	-	-	-	-	9,499
Transportation Benefit District Fund	300	-	-	-	-	-	-	-	300
Transportation Fund	21,025	14,831	8,018	-	-	-	-	-	43,874
Total:	26,406	16,680	10,587	-	-	-	-	-	53,673

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

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 - 2017	Neighborhood District:	Downtown
Total Project Cost:	\$369,408	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	2,750	-	-	-	-	-	-	-	2,750
King County Funds	20,750	-	-	-	-	-	-	-	20,750
LTGO Bond Proceeds	40,515	19	-	-	-	-	-	-	40,534
Parking Garage Disposition Proceeds	9,312	-	-	-	-	-	-	-	9,312
Real Estate Excise Tax II	13,791	249	-	-	-	-	-	-	14,041
Seawall Levy	281,071	-	-	-	-	-	-	-	281,071
State Gas Taxes - City Street Fund	41	-	-	-	-	-	-	-	41
User Fees	10	-	-	-	-	-	-	-	10
Total:	368,240	268	-	-	-	-	-	-	368,508
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2012 Multipurpose LTGO Bond Fund	2,800	-	-	-	-	-	-	-	2,800
2016 Multipurpose LTGO Bond Fund	8,727	14	-	-	-	-	-	-	8,741
2017 Multipurpose LTGO Bond Fund	27,187	1	-	-	-	-	-	-	27,188
2018 Multipurpose LTGO Bond Fund	302	-	-	-	-	-	-	-	302
2019 Multipurpose LTGO Bond Fund	1,499	3	-	-	-	-	-	-	1,502
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	13,791	249	-	-	-	-	-	-	14,041
Transportation Fund	23,551	-	-	-	-	-	-	-	23,551
Total:	368,240	268	-	-	-	-	-	-	368,508

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.

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

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 3 - Design	Council District:	Council District 1
Start/End Date:	2012 - 2022	Neighborhood District:	Southwest
Total Project Cost:	\$3,009	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	192	-	-	-	-	-	-	-	192
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	981	-	-	-	-	-	-	-	981
Total:	2,927	-	-	-	-	-	-	-	2,927
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	981	-	-	-	-	-	-	-	981
REET I Capital Fund	71	-	-	-	-	-	-	-	71
REET II Capital Fund	1,433	-	-	-	-	-	-	-	1,433
Transportation Fund	442	-	-	-	-	-	-	-	442
Total:	2,927	-	-	-	-	-	-	-	2,927

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

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

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:	\$140,701	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	2,544	12	-	-	-	-	-	-	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:	140,689	12	-	-	-	-	-	-	140,701
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Fund	140,689	12	-	-	-	-	-	-	140,701
Total:	140,689	12	-	-	-	-	-	-	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.

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
CRS Misc Revenues	-	-	250	-	-	-	-	-	250
General Fund	26	(26)	-	-	-	-	-	-	-
Real Estate Excise Tax II	-	396	-	-	-	-	-	-	396
Transportation Network Company Revenue	-	4	400	-	-	-	-	-	404
Total:	26	374	650	-	-	-	-	-	1,050
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	26	(22)	400	-	-	-	-	-	404
REET II Capital Fund	-	396	-	-	-	-	-	-	396
Unrestricted Cumulative Reserve Fund	-	-	250	-	-	-	-	-	250
Total:	26	374	650	-	-	-	-	-	1,050

O&M Impacts:

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Interdepartmental Transfer	-	1	(2)	-	-	-	-	-	(1)
Port of Seattle Funds	820	7,129	-	-	-	-	-	-	7,949
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	1,505	(3)	-	-	-	-	-	-	1,502
State Grant Funds	11	-	-	-	-	-	-	-	11
Street Vacations - SVF	236	20	-	-	-	-	-	-	256
Transportation Move Seattle Levy - Lid Lift	6,137	1,614	1,636	1,930	1,514	-	-	-	12,832
Transportation Network Company Revenue	-	200	-	-	-	-	-	-	200
Total:	10,242	9,041	1,634	1,930	1,514	-	-	-	24,362
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	-	200	-	-	-	-	-	-	200
Move Seattle Levy Fund	6,651	1,614	1,636	1,930	1,514	-	-	-	13,346
REET II Capital Fund	127	-	-	-	-	-	-	-	127
Transportation Fund	3,464	7,227	(2)	-	-	-	-	-	10,689
Total:	10,242	9,041	1,634	1,930	1,514	-	-	-	24,362
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	1,500	1,622	1,663	4,785
Total:	-	-	-	-	-	1,500	1,622	1,663	4,785

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:	\$7,056	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	469	131	-	-	-	-	-	-	600
Federal Grant Funds	-	1,500	-	-	-	-	-	-	1,500
Real Estate Excise Tax I	-	911	4,289	-	-	-	-	-	5,200
Total:	469	2,542	4,289	-	-	-	-	-	7,300
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	-	911	4,289	-	-	-	-	-	5,200
Transportation Fund	469	1,631	-	-	-	-	-	-	2,100
Total:	469	2,542	4,289	-	-	-	-	-	7,300
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	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 2 - Initiation, Project Definition, & Planning	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Move Seattle Levy - Lid Lift	-	5	-	-	-	-	-	-	5
Total:	-	5	-	-	-	-	-	-	5
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	-	5	-	-	-	-	-	-	5
Total:	-	5	-	-	-	-	-	-	5
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	9,995	-	-	9,995
Total:	-	-	-	-	-	9,995	-	-	9,995

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 are currently put in place along the curb lane in order to manage the public risk associated with collapse of the areaway retaining walls.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	19	-	-	-	-	-	-	-	19
Federal Grant Funds	862	(147)	-	-	-	-	-	-	715
General Fund	240	-	-	-	-	-	-	-	240
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Private Funding/Donations	10	-	-	-	-	-	-	-	10
Real Estate Excise Tax II	5,908	1,128	680	343	404	343	-	-	8,806
State Gas Taxes - Arterial City Street Fund	-	-	-	-	-	-	-	-	-
State Gas Taxes - City Street Fund	216	-	57	59	-	63	-	-	395
State Grant Funds	144	147	-	-	-	-	-	-	291
Street Vacations - SVF	-	56	-	-	-	-	-	-	56
Total:	7,399	1,184	737	402	404	406	-	-	10,532
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	240	-	-	-	-	-	-	-	240
REET II Capital Fund	5,908	1,128	680	343	404	343	-	-	8,806
Transportation Fund	1,251	56	57	59	-	63	-	-	1,486
Total:	7,399	1,184	737	402	404	406	-	-	10,532
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	-	240	246	486
Total:	-	-	-	-	-	-	240	246	486

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

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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	2021 Revised	2022	2023	2024	2025	2026	2027	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	8,529	24	311	471	502	200	200	200	10,437
State Gas Taxes - Arterial City Street Fund	-	-	-	(61)	-	-	318	326	582
State Gas Taxes - City Street Fund	1,510	822	61	-	-	310	-	-	2,704
Street Vacations - SVF	-	282	-	-	-	-	-	-	282
User Fees	1,170	54	-	-	-	-	-	-	1,225
Total:	12,978	1,183	372	409	502	510	518	526	16,998
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Emergency Fund	395	-	-	-	-	-	-	-	395
General Fund	1	-	-	-	-	-	-	-	1
REET II Capital Fund	8,529	24	311	471	502	200	200	200	10,437
Transportation Fund	4,053	1,159	61	(61)	-	310	318	326	6,166
Total:	12,978	1,183	372	409	502	510	518	526	16,998

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 - 2027	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	93	51	-	-	-	-	-	-	144
Federal Grant Funds	2,498	3,502	-	-	-	-	-	-	6,000
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Port of Seattle Funds	50	-	-	-	-	-	-	-	50
State Grant Funds	201	4,299	1,500	2,000	1,100	-	-	-	9,100
Transportation Move Seattle Levy - Lid Lift	1,435	620	750	3,698	-	-	-	-	6,503
Water Rates	486	276	-	-	-	-	-	-	762
Total:	4,764	8,748	2,250	5,698	1,100	-	-	-	22,560
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	1,455	599	750	3,698	-	-	-	-	6,502
Transportation Fund	3,309	8,148	1,500	2,000	1,100	-	-	-	16,057
Total:	4,764	8,748	2,250	5,698	1,100	-	-	-	22,560
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	3,100	9,000	22,937	4,650	-	39,688
Total:	-	-	-	3,100	9,000	22,937	4,650	-	39,688

Unsecured Funding Strategy: SDOT plans to pursue a \$20M federal RAISE grant and anticipates a \$5.5M contribution from the Port of Seattle. SDOT is reviewing funding options for the remaining.

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.

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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 2 - Initiation, Project Definition, & Planning	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	-	521	979	-	-	-	-	-	1,500
Multimodal Funds	-	-	954	-	-	-	-	-	954
Real Estate Excise Tax II	-	-	546	-	-	-	-	-	546
State Gas Taxes - City Street Fund	457	43	-	-	-	-	-	-	500
Transportation Move Seattle Levy - Lid Lift	383	217	-	-	-	-	-	-	600
Total:	840	781	2,479	-	-	-	-	-	4,100
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2021 West Seattle Bridge Repair LTGO Bond Fund	-	521	979	-	-	-	-	-	1,500
Move Seattle Levy Fund	383	217	-	-	-	-	-	-	600
REET II Capital Fund	-	-	546	-	-	-	-	-	546
Transportation Fund	457	43	954	-	-	-	-	-	1,454
Total:	840	781	2,479	-	-	-	-	-	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:	\$5,478	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Interdepartmental Transfer	247	3	-	-	-	-	-	-	250
LTGO Bond Proceeds	4,400	-	-	-	-	-	-	-	4,400
Real Estate Excise Tax I	828	-	-	-	-	-	-	-	828
Total:	5,475	3	-	-	-	-	-	-	5,478
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2018 LTGO Taxable Bond Fund	4,400	-	-	-	-	-	-	-	4,400
REET I Capital Fund	828	-	-	-	-	-	-	-	828
Transportation Fund	247	3	-	-	-	-	-	-	250
Total:	5,475	3	-	-	-	-	-	-	5,478

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Partnership Funds	-	-	-	-	-	-	-	-	-
Sound Transit Funds	224	205	70	70	65	-	-	-	634
Total:	224	205	70	70	65	-	-	-	634
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Fund	224	205	70	70	65	-	-	-	634
Total:	224	205	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 - 2024	Neighborhood District:	Multiple
Total Project Cost:	\$134,724	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	2,749	-	-	-	-	-	-	2,749
Drainage and Wastewater Rates	171	11,047	-	-	-	-	-	-	11,218
Federal Grant Funds	4,860	73,053	2,535	-	-	-	-	-	80,447
Interdepartmental Transfer	9	-	-	-	-	-	-	-	9
King County Funds	150	3,463	-	-	-	-	-	-	3,613
Misc Future Revenue/Grants	-	-	-	-	-	-	-	-	-
Miscellaneous Revenues	-	100	-	-	-	-	-	-	100
Partnership Funds	-	-	-	6,282	1,000	-	-	-	7,282
Real Estate Excise Tax II	150	-	-	-	-	-	-	-	150
Sound Transit Funds	-	15,512	12,988	-	-	-	-	-	28,500
State Grant Funds	-	5,090	-	-	-	-	-	-	5,090
Transportation Funding Package - Lid Lift	1,710	-	-	-	-	-	-	-	1,710
Transportation Move Seattle Levy - Lid Lift	15,664	1,335	-	-	2,918	-	-	-	19,917
Vehicle Licensing Fees	1,000	-	-	-	-	-	-	-	1,000
Total:	23,714	112,348	15,523	6,282	3,918	-	-	-	161,785
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	1,710	-	-	-	-	-	-	-	1,710
Move Seattle Levy Fund	15,312	1,687	-	-	2,918	-	-	-	19,917
REET II Capital Fund	150	-	-	-	-	-	-	-	150
Transportation Benefit District Fund	1,000	-	-	-	-	-	-	-	1,000
Transportation Fund	5,542	110,661	15,523	6,282	1,000	-	-	-	139,008
Total:	23,714	112,348	15,523	6,282	3,918	-	-	-	161,785

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:		Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$10,030	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	2021 Revised	2022	2023	2024	2025	2026	2027	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	2021 Revised	2022	2023	2024	2025	2026	2027	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.

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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:	\$504	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	4	(4)	-	-	-	-	-	-	-
Real Estate Excise Tax II	604	1	-	-	-	-	-	-	604
Transportation Network Company Revenue	-	4	-	-	-	-	-	-	4
Total:	608	1	-	-	-	-	-	-	608
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	4	-	-	-	-	-	-	-	4
REET II Capital Fund	604	1	-	-	-	-	-	-	604
Total:	608	1	-	-	-	-	-	-	608

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:	\$88,610	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	5,998	-	-	-	-	-	-	-	5,998
Commercial Parking Tax	1,249	-	-	-	-	-	-	-	1,249
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	1,946	60	-	-	-	-	-	-	2,006
Surplus Property Sales	17,410	-	-	-	-	-	-	-	17,410
Water Rates	705	-	-	-	-	-	-	-	705
Total:	88,550	60	-	-	-	-	-	-	88,610
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	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	56,394	-	-	-	-	-	-	-	56,394
Unrestricted Cumulative Reserve Fund	1,946	60	-	-	-	-	-	-	2,006
Total:	88,550	60	-	-	-	-	-	-	88,610

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	2021 Revised	2022	2023	2024	2025	2026	2027	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	2021 Revised	2022	2023	2024	2025	2026	2027	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 4 - Procurement/Bid	Council District:	Council District 4
Start/End Date:	2017 - 2020	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	2,130	(34)	-	-	-	-	-	-	2,096
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
King County Funds	488	1,926	-	-	-	-	-	-	2,414
Partnership Funds	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax II	-	1,597	10	-	-	-	-	-	1,607
Street Vacations - SVF	351	(44)	-	-	-	-	-	-	307
Transportation Move Seattle Levy - Lid Lift	(1)	1	-	-	-	-	-	-	-
Total:	2,968	3,446	10	-	-	-	-	-	6,424
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	(1)	1	-	-	-	-	-	-	-
REET II Capital Fund	-	1,597	10	-	-	-	-	-	1,607
Transportation Fund	2,969	1,848	-	-	-	-	-	-	4,817
Total:	2,968	3,446	10	-	-	-	-	-	6,424

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 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	31	23	-	-	-	-	-	-	54
Federal Grant Funds	308	-	-	-	-	-	-	-	308
King County Funds	670	142	-	-	-	-	-	-	812
Private Funding/Donations	60	-	-	-	-	-	-	-	60
Real Estate Excise Tax II	523	7	-	-	-	-	-	-	530
Transportation Funding Package - Lid Lift	5,825	11	-	-	-	-	-	-	5,836
Transportation Move Seattle Levy - Lid Lift	10,575	6,977	887	2,082	3,658	53	-	-	24,233
Total:	17,991	7,162	887	2,082	3,658	53	-	-	31,833
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	5,825	11	-	-	-	-	-	-	5,836
Move Seattle Levy Fund	10,575	6,977	887	2,082	3,658	53	-	-	24,233
REET II Capital Fund	523	7	-	-	-	-	-	-	530
Transportation Fund	1,068	166	-	-	-	-	-	-	1,234
Total:	17,991	7,162	887	2,082	3,658	53	-	-	31,833
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	2,592	2,670	2,939	8,200
Total:	-	-	-	-	-	2,592	2,670	2,939	8,200

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	1,268	303	1	-	-	-	17	-	1,587
Federal Grant Funds	687	-	-	-	-	-	-	-	687
General Fund	2,288	-	-	-	-	-	-	-	2,288
Interdepartmental Transfer	50	-	-	-	-	-	-	-	50
Partnership Funds	6	-	-	-	-	-	-	-	6
Real Estate Excise Tax I	1,226	31	550	-	-	-	-	-	1,807
Real Estate Excise Tax II	21,831	1,102	451	2,000	600	600	2,500	-	29,084
State Gas Taxes - Arterial City Street Fund	-	(15)	-	-	-	-	-	-	(15)
State Gas Taxes - City Street Fund	3,612	64	-	-	-	409	405	-	4,490
State Grant Funds	176	-	-	-	-	-	-	-	176
Street Vacations - SVF	132	405	-	-	-	-	-	-	537
Transportation Funding Package - Lid Lift	10,479	-	-	-	-	-	-	-	10,479
Vehicle Licensing Fees	100	-	-	-	-	-	-	-	100
Total:	41,855	1,890	1,001	2,000	600	1,008	2,922	-	51,276
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	10,479	-	-	-	-	-	-	-	10,479
General Fund	2,288	-	-	-	-	-	-	-	2,288
REET I Capital Fund	1,226	31	550	-	-	-	-	-	1,807
REET II Capital Fund	21,831	1,102	450	2,000	600	600	2,500	-	29,083
Transportation Benefit District Fund	100	-	-	-	-	-	-	-	100
Transportation Fund	5,931	757	1	-	-	408	422	-	7,519
Total:	41,855	1,890	1,001	2,000	600	1,008	2,922	-	51,276
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	-	-	615	615
Total:	-	-	-	-	-	-	-	615	615

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 on non-arterials citywide, including traffic circles, speed humps, and street narrowing. This program also supports the pilot Home Zones program, which creates neighborhood-wide traffic calming plans.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	140	79	82	5	5	5	-	-	315
General Fund	384	150	200	-	-	-	-	-	734
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Property Sales and Interest Earnings	253	-	-	-	-	-	-	-	253
Real Estate Excise Tax II	917	16	72	91	-	-	500	-	1,596
Rubble Yard Proceeds	579	-	-	-	-	-	-	-	579
State Gas Taxes - City Street Fund	4,391	22	-	-	-	-	-	-	4,413
Vehicle License Fees \$60 & 0.1% Sales Tax	(19)	19	-	-	-	-	-	-	-
Vehicle Licensing Fees	2,863	89	-	233	349	369	117	-	4,021
Total:	9,508	376	354	329	354	374	617	-	11,912
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	384	150	200	-	-	-	-	-	734
REET II Capital Fund	917	16	72	91	-	-	500	-	1,596
Transportation Benefit District Fund	2,844	108	-	233	349	369	117	-	4,021
Transportation Fund	5,363	102	82	5	5	5	-	-	5,561
Total:	9,508	376	354	329	354	374	617	-	11,912
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	-	158	383	541
Total:	-	-	-	-	-	-	158	383	541

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	1,628	(30)	-	-	-	400	414	-	2,412
Developer Mitigation	706	239	-	-	-	-	-	-	945
Traffic Enforcement Camera Revenue	-	-	1,400	-	-	-	-	-	1,400
Transportation Funding Package - Lid Lift	114	3	-	-	-	-	-	-	117
Transportation Move Seattle Levy - Lid Lift	1,677	240	467	700	781	-	-	-	3,865
Total:	4,125	451	1,867	700	781	400	414	-	8,738
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	114	3	-	-	-	-	-	-	117
Move Seattle Levy Fund	1,627	289	467	700	781	-	-	-	3,865
Transportation Fund	2,383	159	1,400	-	-	400	414	-	4,757
Total:	4,125	451	1,867	700	781	400	414	-	8,738
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	70	879	479	430	1,600	3,457
Total:	-	-	-	70	879	479	430	1,600	3,457

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	1,611	(31)	-	-	-	-	-	-	1,580
Developer Mitigation	-	862	-	-	-	-	-	-	862
Federal Grant Funds	1,235	2,856	-	-	-	-	-	-	4,091
Multimodal Funds	400	-	-	-	-	-	-	-	400
Real Estate Excise Tax II	4,499	(54)	-	-	-	-	-	-	4,445
State Gas Taxes - City Street Fund	347	(47)	-	-	-	-	-	-	299
State Grant Funds	388	-	-	-	-	-	-	-	388
Street Vacations - CRSU	528	(3)	-	-	-	-	-	-	525
Transportation Funding Package - Lid Lift	2,986	(7)	-	-	-	-	-	-	2,979
Transportation Funding Package - Parking Tax	-	-	-	-	-	-	-	-	-
Transportation Move Seattle Levy - Lid Lift	8,058	1,785	1,005	1,378	1,323	-	-	-	13,549
User Fees	1,500	-	-	-	-	-	-	-	1,500
Total:	21,550	5,361	1,005	1,378	1,323	-	-	-	30,617
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	2,986	(7)	-	-	-	-	-	-	2,979
Move Seattle Levy Fund	7,911	1,932	1,005	1,378	1,323	-	-	-	13,549
REET II Capital Fund	4,499	(54)	-	-	-	-	-	-	4,445
Transportation Fund	5,627	3,493	-	-	-	-	-	-	9,120
Unrestricted Cumulative Reserve Fund	528	(3)	-	-	-	-	-	-	525
Total:	21,550	5,361	1,005	1,378	1,323	-	-	-	30,617
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	1,266	1,315	-	2,581
Total:	-	-	-	-	-	1,266	1,315	-	2,581

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.

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	838	(1)	-	-	-	-	-	-	836
Drainage and Wastewater Rates	60	-	-	-	-	-	-	-	60
Interdepartmental Transfer	-	4	-	-	-	-	-	-	4
Misc Future Revenue/Grants - DO NOT USE	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax I	274	-	-	-	-	-	-	-	274
Real Estate Excise Tax II	5,180	1,336	910	1,150	1,699	1,150	500	-	11,925
State Gas Taxes - Arterial City Street Fund	-	15	-	-	-	-	-	-	15
State Gas Taxes - City Street Fund	1,896	430	-	539	-	555	-	-	3,419
Street Vacations - CRSU	500	-	-	-	-	-	-	-	500
Street Vacations - SVF	64	-	523	-	508	-	-	-	1,095
Transportation Funding Package - Parking Tax	-	1	-	-	-	-	-	-	1
Transportation Move Seattle Levy - Lid Lift	-	-	-	-	-	-	-	-	-
Vehicle Licensing Fees	742	129	364	308	182	187	-	-	1,913
Total:	9,554	1,914	1,797	1,996	2,390	1,892	500	-	20,042
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	-	-	-	-	-	-	-	-	-
Move Seattle Levy Fund	-	-	-	-	-	-	-	-	-
REET I Capital Fund	274	-	-	-	-	-	-	-	274
REET II Capital Fund	5,180	1,336	910	1,150	1,699	1,150	500	-	11,925
Transportation Benefit District Fund	742	129	364	308	182	187	-	-	1,913
Transportation Fund	2,857	449	523	539	508	555	-	-	5,430
Unrestricted Cumulative Reserve Fund	500	-	-	-	-	-	-	-	500
Total:	9,554	1,914	1,797	1,996	2,390	1,892	500	-	20,042
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	398	-	187	513	1,098
Total:	-	-	-	-	398	-	187	513	1,098

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Arena Transportation Funds	1,496	477	1,026	920	1,025	1,025	736	1,026	7,733
Developer Mitigation	-	2,286	-	-	-	-	-	-	2,286
Street Vacations - SVF	382	2,518	-	-	-	-	-	-	2,900
Total:	1,879	5,280	1,026	920	1,025	1,025	736	1,026	12,919
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Fund	1,879	5,280	1,026	920	1,025	1,025	736	1,026	12,919
Total:	1,879	5,280	1,026	920	1,025	1,025	736	1,026	12,919

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	479	21	-	-	-	-	-	-	500
Federal Grant Funds	462	38	-	-	-	-	-	-	500
Real Estate Excise Tax II	260	39	-	-	-	-	-	-	300
Transportation Funding Package - Parking Tax	-	-	-	-	-	-	-	-	-
Transportation Move Seattle Levy - Lid Lift	2	-	-	-	-	-	-	-	2
Total:	1,203	98	-	-	-	-	-	-	1,301
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	2	-	-	-	-	-	-	-	2
REET II Capital Fund	260	39	-	-	-	-	-	-	300
Transportation Fund	941	59	-	-	-	-	-	-	1,000
Total:	1,203	98	-	-	-	-	-	-	1,301

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 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 5 - Construction	Council District:	Council District 4
Start/End Date:	2013 - 2021	Neighborhood District:	North
Total Project Cost:	\$56,154	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	219	-	-	-	-	-	-	219
Federal Grant Funds	1,313	-	-	-	-	-	-	-	1,313
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
LTGO Bond Proceeds	2,580	-	-	-	-	-	-	-	2,580
Partnership Funds	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax I	2,801	199	-	-	-	-	-	-	3,000
Sound Transit Funds	4,393	2,907	-	-	-	-	-	-	7,300
State Grant Funds	10,000	-	-	-	-	-	-	-	10,000
Street Vacations - SVF	944	10	-	-	-	-	-	-	954
Transportation Funding Package - Lid Lift	200	-	-	-	-	-	-	-	200
Transportation Move Seattle Levy - Lid Lift	3,429	15,414	6,064	1,231	554	-	-	-	26,693
Use of Fund Balance	(37)	37	-	-	-	-	-	-	-
User Fees	4,459	(563)	-	-	-	-	-	-	3,896
Total:	30,082	18,222	6,064	1,231	554	-	-	-	56,154
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2017 Multipurpose LTGO Bond Fund	2,580	-	-	-	-	-	-	-	2,580
Bridging The Gap Levy Fund	200	-	-	-	-	-	-	-	200
Move Seattle Levy Fund	3,416	15,427	6,064	1,231	554	-	-	-	26,693
REET I Capital Fund	2,801	199	-	-	-	-	-	-	3,000
Transportation Fund	21,085	2,596	-	-	-	-	-	-	23,681
Total:	30,082	18,222	6,064	1,231	554	-	-	-	56,154

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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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:	27,500 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	198	1,645	2,060	-	-	-	-	-	3,903
Total:	198	1,645	2,060	-	-	-	-	-	3,903
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2018 Multipurpose LTGO Bond Fund	198	1,645	157	-	-	-	-	-	2,000
2021 West Seattle Bridge Repair LTGO Bond Fund	-	-	1,903	-	-	-	-	-	1,903
Total:	198	1,645	2,060	-	-	-	-	-	3,903
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	13,648	9,750	-	-	-	23,398
Total:	-	-	-	13,648	9,750	-	-	-	23,398

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.

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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 5 - Construction	Council District:	Multiple
Start/End Date:	2013 - 2024	Neighborhood District:	Downtown
Total Project Cost:	\$199,339	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 will 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. This project includes funding from the Waterfront Local Improvement District (LID #7651) formed by City Council via Ordinance 125760 in January 2019. (Interfund Loan shown in 2023 will be repaid with philanthropic funds in 2024 and 2025.)

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Interfund Loan	-	-	-	19,450	-	-	-	-	19,450
Interfund Loan - Waterfront LID Fund	4,053	(4,053)	-	-	-	-	-	-	-
Local Improvement District Funding	3,951	11,757	51,871	27,025	350	-	-	-	94,954
LTGO Bond Proceeds	7,419	7,507	4,630	6,237	-	-	-	-	25,793
Private Funding/Donations	3,330	7,424	15,091	11,610	2,900	-	-	-	40,355
Real Estate Excise Tax II	-	-	-	5,013	-	-	-	-	5,013
Street Vacations - SVF	785	1,715	4,000	3,500	-	-	-	-	10,000
User Fees	3,609	166	-	-	-	-	-	-	3,775
Total:	23,147	24,515	75,592	72,835	3,250	-	-	-	199,339
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2015 Multipurpose LTGO Bond Fund	1,344	36	-	-	-	-	-	-	1,379
2017 LTGO Taxable Bond Fund	2,087	1,194	-	-	-	-	-	-	3,281
2018 LTGO Taxable Bond Fund	2,246	1,034	-	-	-	-	-	-	3,280
2019 LTGO Taxable Bond Fund	643	357	-	-	-	-	-	-	1,000
2020 Multipurpose LTGO Bond Fund	1,099	626	-	-	-	-	-	-	1,725
2021 Taxable LTGO Bond Fund	-	4,260	-	-	-	-	-	-	4,260
2022 LTGO Taxable Bond Fund	-	-	4,630	-	-	-	-	-	4,630
2023 LTGO Taxable Bond Fund	-	-	-	5,487	-	-	-	-	5,487
2023 Multipurpose LTGO Bond Fund	-	-	-	750	-	-	-	-	750
Central Waterfront Improvement Fund	8,105	13,849	19,091	34,560	2,900	-	-	-	78,505
REET II Capital Fund	-	-	-	5,013	-	-	-	-	5,013
Transportation Fund	3,570	205	-	-	-	-	-	-	3,775
Waterfront LID #6751	4,053	2,955	51,871	27,025	350	-	-	-	86,254
Total:	23,147	24,515	75,592	72,835	3,250	-	-	-	199,339

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. Transportation infrastructure capital elements are planned to be maintained through the proposed Waterfront Transportation Infrastructure Maintenance project, MC-TR-109.

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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 6 - Closeout	Council District:	Multiple
Start/End Date:	2004 - 2019	Neighborhood District:	Multiple
Total Project Cost:	\$30,550	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	36	1	-	-	-	-	-	-	37
General Fund	2,306	-	-	-	-	-	-	-	2,306
LTGO Bond Proceeds	26,189	91	-	-	-	-	-	-	26,280
Parking Garage Disposition Proceeds	1,927	-	-	-	-	-	-	-	1,927
Total:	30,458	92	-	-	-	-	-	-	30,550
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	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	7,205	11	-	-	-	-	-	-	7,216
2018 Multipurpose LTGO Bond Fund	1,070	80	-	-	-	-	-	-	1,150
Garage Disposition Proceeds	1,927	-	-	-	-	-	-	-	1,927
General Fund	2,306	-	-	-	-	-	-	-	2,306
Multipurpose LTGO Bond Fund	10,313	-	-	-	-	-	-	-	10,313
Transportation Fund	36	1	-	-	-	-	-	-	37
Total:	30,458	92	-	-	-	-	-	-	30,550

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	3,898	34	-	-	-	-	-	-	3,932
CRS Misc Revenues	-	-	1,750	-	-	-	-	-	1,750
Federal Grant Funds	74	561	-	-	-	-	-	-	635
General Fund	58	-	-	-	-	-	-	-	58
Interdepartmental Transfer	-	1	-	-	-	-	-	-	1
Miscellaneous Grants or Donations	(24)	24	-	-	-	-	-	-	-
Partnership - WSDOT	392	-	-	-	-	-	-	-	392
Public Works Trust Fund Proceeds	(17)	17	-	-	-	-	-	-	-
Real Estate Excise Tax I	1,878	37	-	-	-	-	-	-	1,915
Real Estate Excise Tax II	452	154	1,000	-	1,000	-	-	-	2,606
Rubble Yard Proceeds	528	-	-	-	-	-	-	-	528
State Gas Taxes - Arterial City Street Fund	-	(69)	-	-	-	-	-	-	(69)
State Gas Taxes - City Street Fund	648	1,323	-	-	-	-	-	-	1,971
State Grant Funds	-	50	-	-	-	-	-	-	50
Street Vacations - CRSU	6	(6)	-	-	-	-	-	-	-
Street Vacations - SVF	1,619	58	-	-	-	-	-	-	1,677
Transportation Funding Package - Lid Lift	4,638	-	-	-	-	-	-	-	4,638
Transportation Move Seattle Levy - Lid Lift	5,212	3,659	3,052	4,719	1,356	-	-	-	17,998
Vehicle Licensing Fees	192	47	-	-	-	-	-	-	240
Total:	19,555	5,890	5,802	4,719	2,356	-	-	-	38,322
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	4,638	-	-	-	-	-	-	-	4,638
General Fund	58	-	-	-	-	-	-	-	58
Move Seattle Levy Fund	5,168	3,703	3,052	4,719	1,356	-	-	-	17,998
REET I Capital Fund	1,878	37	-	-	-	-	-	-	1,915
REET II Capital Fund	451	154	1,000	-	1,000	-	-	-	2,606
Transportation Benefit District Fund	192	47	-	-	-	-	-	-	240
Transportation Fund	7,170	1,949	-	-	-	-	-	-	9,118
Unrestricted Cumulative Reserve Fund	-	-	1,750	-	-	-	-	-	1,750
Total:	19,555	5,890	5,802	4,719	2,356	-	-	-	38,322

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

Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	372	3,310	3,393	3,477	10,552
Total:	-	-	-	-	372	3,310	3,393	3,477	10,552

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 to improve sidewalks and the pedestrian environment near schools. Additional funding is drawn from other sources to pay for new sidewalk construction near frequent transit routes.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	1,645	(171)	-	-	-	-	-	-	1,474
Developer Mitigation	261	575	-	-	-	-	-	-	837
Drainage and Wastewater Rates	203	581	-	-	-	-	-	-	783
Federal Grant Funds	1,347	1,591	-	-	-	-	-	-	2,938
General Fund	775	-	-	-	-	-	-	-	775
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Miscellaneous Grants or Donations	26	3,274	-	-	-	-	-	-	3,300
Private Funding/Donations	-	600	-	-	-	-	-	-	600
Real Estate Excise Tax II	4,120	2,423	300	-	-	-	-	-	6,843
School Camera Ticket Revenues	14,739	(4,307)	3,055	2,231	3,002	933	400	-	20,053
Solid Waste Rates	1,133	(1,133)	-	-	-	-	-	-	-
State Gas Taxes - City Street Fund	73	-	-	-	-	-	-	-	73
State Grant Funds	1,399	1,333	-	-	-	-	-	-	2,732
Traffic Enforcement Camera Revenue	5,329	6,838	-	-	-	-	-	-	12,167
Transportation Funding Package - Parking Tax	-	-	-	-	-	-	-	-	-
Transportation Move Seattle Levy - Lid Lift	26,288	4,461	2,080	4,651	333	-	-	-	37,812
Vehicle Licensing Fees	1,215	8	-	-	-	-	-	-	1,223
Water Rates	37	(37)	-	-	-	-	-	-	-
Total:	58,590	16,035	5,435	6,882	3,335	933	400	-	91,610
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	775	-	-	-	-	-	-	-	775
Move Seattle Levy Fund	26,288	4,461	2,080	4,651	333	-	-	-	37,812
REET II Capital Fund	4,120	2,423	300	-	-	-	-	-	6,843
School Safety Traffic and Pedestrian Improvement Fund	19,987	2,611	3,055	2,231	3,002	933	400	-	32,220
Transportation Benefit District Fund	1,184	39	-	-	-	-	-	-	1,223
Transportation Fund	6,237	6,500	-	-	-	-	-	-	12,737
Total:	58,590	16,035	5,435	6,882	3,335	933	400	-	91,610
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	3,759	4,409	4,929	13,097
Total:	-	-	-	-	-	3,759	4,409	4,929	13,097

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

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.

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
20% Red Light Camera Revenue	-	8	-	-	-	-	-	-	8
City Light Fund Revenues	-	729	-	-	-	-	-	-	729
Federal Grant Funds	2,917	86	-	-	-	-	-	-	3,003
General Fund	320	-	-	-	-	-	-	-	320
Real Estate Excise Tax II	5,074	17	-	-	-	-	-	-	5,090
School Camera Ticket Revenues	15,619	4,637	2,746	5,683	5,933	3,594	3,186	-	41,398
State Grant Funds	281	-	-	-	-	-	-	-	281
Transportation Funding Package - Lid Lift	3,690	-	-	-	-	-	-	-	3,690
Transportation Move Seattle Levy - Lid Lift	2,995	744	-	800	800	-	-	-	5,339
User Fees	1,909	-	-	-	-	-	-	-	1,909
Total:	32,805	6,221	2,746	6,483	6,733	3,594	3,186	-	61,768
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	3,690	-	-	-	-	-	-	-	3,690
General Fund	320	-	-	-	-	-	-	-	320
Move Seattle Levy Fund	2,995	994	-	800	800	-	-	-	5,589
REET II Capital Fund	5,074	17	-	-	-	-	-	-	5,090
School Safety Traffic and Pedestrian Improvement Fund	15,633	4,381	2,746	5,683	5,933	3,594	3,186	-	41,156
Transportation Fund	5,093	829	-	-	-	-	-	-	5,922
Total:	32,805	6,221	2,746	6,483	6,733	3,594	3,186	-	61,768
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	-	-	3,266	3,266
Total:	-	-	-	-	-	-	-	3,266	3,266

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 primary goals of the Pedestrian Master Plan is to reduce the number 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 sub-program, Stairway Rehabilitation, funds projects to rebuild and/or rehabilitate stairways to the current standards, that includes but not limited to 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	23	-	-	-	-	-	-	-	23
General Fund	54	61	-	-	-	-	-	-	115
Miscellaneous Revenues	83	-	-	-	-	-	-	-	83
Multimodal Funds	115	-	62	64	-	66	-	-	307
Real Estate Excise Tax I	17	-	-	-	-	-	-	-	17
Real Estate Excise Tax II	38	49	49	49	113	49	-	-	347
State Gas Taxes - City Street Fund	14	-	-	-	-	-	-	-	14
Transportation Move Seattle Levy - Lid Lift	2,240	422	551	561	572	16	-	-	4,362
Vehicle Licensing Fees	1,670	812	832	851	871	273	-	-	5,308
Total:	4,254	1,343	1,494	1,525	1,556	403	-	-	10,575
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	54	61	-	-	-	-	-	-	115
Move Seattle Levy Fund	2,240	422	551	561	572	16	-	-	4,362
REET I Capital Fund	17	-	-	-	-	-	-	-	17
REET II Capital Fund	38	49	49	49	113	49	-	-	347
Transportation Benefit District Fund	1,670	812	832	851	871	273	-	-	5,308
Transportation Fund	235	-	62	64	-	66	-	-	427
Total:	4,254	1,343	1,494	1,525	1,556	403	-	-	10,575
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	573	1,006	1,031	2,610
Total:	-	-	-	-	-	573	1,006	1,031	2,610

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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RapidRide C & D Line Improvements

Project No:	MC-TR-C106	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	New Investment	Location:	Various
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Multiple
Start/End Date:	2021 - 2022	Neighborhood District:	Multiple
Total Project Cost:	\$12,000	Urban Village:	Multiple

This project will deliver additional transit spot improvements aimed at improving travel time and reliability along RapidRide C&D lines, in preparation for Light Rail extensions into the West Seattle and Ballard neighborhoods. These projects make changes to SDOT-owned infrastructure, including streets and signals, and will result in adjustments to signal and street operations.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Sound Transit Funds	-	6,000	6,000	-	-	-	-	-	12,000
Total:	-	6,000	6,000	-	-	-	-	-	12,000
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Fund	-	6,000	6,000	-	-	-	-	-	12,000
Total:	-	6,000	6,000	-	-	-	-	-	12,000

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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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:	\$103,458	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.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	625	75	-	-	-	-	-	-	700
Federal Grant Funds	-	20,030	5,999	20,000	11,000	-	-	-	57,029
King County Funds	-	5,997	-	-	-	-	-	-	5,997
Real Estate Excise Tax II	350	-	-	-	-	-	-	-	350
State Grant Funds	-	3,000	-	8,969	3,000	-	-	-	14,969
Street Vacations - CRSU	650	-	-	-	-	-	-	-	650
Transportation Move Seattle Levy - Lid Lift	6,512	1,853	134	-	-	-	-	-	8,499
Water Rates	-	2,871	15,000	5,000	2,392	-	-	-	25,263
Total:	8,137	33,826	21,133	33,969	16,392	-	-	-	113,457
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	6,523	1,842	134	-	-	-	-	-	8,499
REET II Capital Fund	350	-	-	-	-	-	-	-	350
Transportation Fund	614	31,984	20,999	33,969	16,392	-	-	-	103,959
Unrestricted Cumulative Reserve Fund	650	-	-	-	-	-	-	-	650
Total:	8,137	33,826	21,133	33,969	16,392	-	-	-	113,457

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 maintained by SDOT. The repairs/reconstruction are crucial to preserving the adjoining sidewalks and roadways within the public right-of-way. The repair and/or replacement of more expensive retaining walls, such as the seawall, within the program is currently underfunded.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	697	91	-	-	-	-	-	-	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	3,990	282	212	212	212	212	-	-	5,120
State Gas Taxes - City Street Fund	481	-	-	-	-	-	-	-	481
Total:	7,863	373	212	212	212	212	-	-	9,085
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Garage Disposition Proceeds	1,500	-	-	-	-	-	-	-	1,500
General Fund	779	-	-	-	-	-	-	-	779
REET I Capital Fund	286	-	-	-	-	-	-	-	286
REET II Capital Fund	3,990	282	212	212	212	212	-	-	5,120
Transportation Bond Fund	130	-	-	-	-	-	-	-	130
Transportation Fund	1,178	91	-	-	-	-	-	-	1,269
Total:	7,863	373	212	212	212	212	-	-	9,085
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	-	212	217	429
Total:	-	-	-	-	-	-	212	217	429

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

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:	\$21,132	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.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Federal Grant Funds	-	4,000	-	-	-	-	-	-	4,000
State Grant Funds	-	3,000	3,434	3,000	-	-	-	-	9,434
Transportation Move Seattle Levy - Lid Lift	1,667	311	1,999	3,675	80	-	-	-	7,732
Vehicle License Fees \$60 & 0.1% Sales Tax	-	300	2,700	-	-	-	-	-	3,000
Total:	1,667	7,611	8,133	6,675	80	-	-	-	24,166
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	1,667	311	1,999	3,675	80	-	-	-	7,732
Transportation Benefit District Fund	-	300	2,700	-	-	-	-	-	3,000
Transportation Fund	-	7,000	3,434	3,000	-	-	-	-	13,434
Total:	1,667	7,611	8,133	6,675	80	-	-	-	24,166
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	5,966	-	-	-	5,966
Total:	-	-	-	-	5,966	-	-	-	5,966

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.

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

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:	\$14,604	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.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	50	-	-	-	-	-	-	-	50
Real Estate Excise Tax I	-	500	-	-	-	-	-	-	500
State Grant Funds	745	3,255	-	2,000	-	-	-	-	6,000
Transportation Move Seattle Levy - Lid Lift	1,398	508	3,700	2,791	106	-	-	-	8,504
Total:	2,194	4,262	3,700	4,791	106	-	-	-	15,054
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	1,398	508	3,700	2,791	106	-	-	-	8,504
REET I Capital Fund	-	500	-	-	-	-	-	-	500
Transportation Fund	795	3,255	-	2,000	-	-	-	-	6,050
Total:	2,194	4,262	3,700	4,791	106	-	-	-	15,054

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Move Seattle Levy - Lid Lift	1	-	-	-	-	-	-	-	1
Total:	1	-	-	-	-	-	-	-	1
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	1	-	-	-	-	-	-	-	1
Total:	1	-	-	-	-	-	-	-	1

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

Route 48 Transit-Plus Multimodal Corridor

Project No:	MC-TR-C107	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:	2021 - 2024	Neighborhood District:	Central
Total Project Cost:	\$2,098	Urban Village:	Multiple

This project will make transit speed and reliability and access improvements along the Rt 48 corridor. This is the 7th of seven transit corridor projects included in the Levy to Move Seattle’s Transit-Plus Multimodal Corridor Program.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Federal Grant Funds	-	1,115	-	-	1,153	-	-	-	2,268
Transportation Move Seattle Levy - Lid Lift	-	340	645	-	-	-	-	-	985
Total:	-	1,456	645	-	1,153	-	-	-	3,254
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	-	340	645	-	-	-	-	-	985
Transportation Fund	-	1,115	-	-	1,153	-	-	-	2,268
Total:	-	1,456	645	-	1,153	-	-	-	3,254

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 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 3 - Design	Council District:	Council District 3
Start/End Date:	2016 - 2022	Neighborhood District:	Multiple
Total Project Cost:	\$7,518	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.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	-	9	-	-	-	-	-	-	9
Real Estate Excise Tax I	-	943	-	-	-	-	-	-	943
Real Estate Excise Tax II	11	-	-	-	-	-	-	-	11
Transportation Move Seattle Levy - Lid Lift	3,223	2,390	1,886	-	-	-	-	-	7,499
Total:	3,233	3,342	1,886	-	-	-	-	-	8,461
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	3,223	2,390	1,886	-	-	-	-	-	7,499
REET I Capital Fund	-	943	-	-	-	-	-	-	943
REET II Capital Fund	11	-	-	-	-	-	-	-	11
Transportation Fund	-	9	-	-	-	-	-	-	9
Total:	3,233	3,342	1,886	-	-	-	-	-	8,461

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 - 2020	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$92,225	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	356	19	-	-	-	-	-	-	375
Drainage and Wastewater Rates	924	(139)	-	-	-	-	-	-	785
Federal Grant Funds	36,385	20,039	-	-	-	-	-	-	56,425
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
King County Funds	602	298	-	-	-	-	-	-	900
LTGO Bond Proceeds	3,759	504	-	-	-	-	-	-	4,263
Miscellaneous Grants or Donations	-	-	-	-	-	-	-	-	-
Parking Garage Disposition Proceeds	2,200	-	-	-	-	-	-	-	2,200
Partnership - WSDOT	482	-	-	-	-	-	-	-	482
Partnership Funds	249	(249)	-	-	-	-	-	-	-
Port of Seattle Funds	4,806	167	-	-	-	-	-	-	4,973
Private Funding/Donations	817	685	-	-	-	-	-	-	1,502
Real Estate Excise Tax II	932	677	-	-	-	-	-	-	1,609
State Gas Taxes - City Street Fund	185	-	-	-	-	-	-	-	185
State Grant Funds	5,509	1,802	-	-	-	-	-	-	7,311
Transportation Move Seattle Levy - Lid Lift	4,692	5,668	-	-	-	-	-	-	10,360
Vehicle Licensing Fees	35	-	-	-	-	-	-	-	35
Water Rates	1,548	(828)	-	-	-	-	-	-	720
Total:	63,482	28,642	-	-	-	-	-	-	92,125
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	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	464	500	-	-	-	-	-	-	964
Garage Disposition Proceeds	2,200	-	-	-	-	-	-	-	2,200
Move Seattle Levy Fund	4,664	5,696	-	-	-	-	-	-	10,360
REET II Capital Fund	932	677	-	-	-	-	-	-	1,609
Transportation Benefit District Fund	35	-	-	-	-	-	-	-	35
Transportation Fund	51,974	21,683	-	-	-	-	-	-	73,658
Total:	63,482	28,642	-	-	-	-	-	-	92,125

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

O&M Impacts: This new asset will require additional O&M support. The annual estimate will be provided in the 2021 budget process.

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	73	-	-	-	-	-	-	-	73
Multimodal Funds	123	227	-	-	-	-	-	-	350
Real Estate Excise Tax II	6,819	2,949	898	-	1,558	2,062	-	-	14,285
School Camera Ticket Revenues	1,493	4,100	2,196	865	4,422	290	-	-	13,366
State Gas Taxes - Arterial City Street Fund	-	-	-	64	-	(64)	-	-	-
State Gas Taxes - City Street Fund	995	19	-	-	-	341	-	-	1,355
Street Vacations - SVF	-	-	-	-	-	-	-	-	-
Transportation Move Seattle Levy - Lid Lift	14,673	6,698	9,609	10,122	7,551	-	-	-	48,654
User Fees	268	232	-	-	-	-	-	-	500
Vehicle License Fees (2021)	-	150	334	338	343	-	-	-	1,165
Vehicle Licensing Fees	1,478	1,368	731	753	765	788	-	-	5,883
Total:	25,921	15,743	13,768	12,142	14,640	3,417	-	-	85,631
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	14,673	6,698	9,609	10,122	7,551	-	-	-	48,654
REET II Capital Fund	6,819	2,949	898	-	1,558	2,062	-	-	14,285
School Safety Traffic and Pedestrian Improvement Fund	1,493	4,100	2,196	865	4,422	290	-	-	13,366
Transportation Benefit District Fund	1,478	1,518	1,065	1,091	1,108	788	-	-	7,048
Transportation Fund	1,459	478	-	64	-	277	-	-	2,278
Total:	25,921	15,743	13,768	12,142	14,640	3,417	-	-	85,631
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	3,781	6,164	6,318	16,263
Total:	-	-	-	-	-	3,781	6,164	6,318	16,263

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Vehicle License Fees \$60 & 0.1% Sales Tax	2,762	2,472	-	-	-	-	-	-	5,234
Total:	2,762	2,472	-	-	-	-	-	-	5,234
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Benefit District Fund	2,694	2,539	-	-	-	-	-	-	5,234
Transportation Fund	67	(67)	-	-	-	-	-	-	-
Total:	2,762	2,472	-	-	-	-	-	-	5,234

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 - Transit Improvements

Project No:	MC-TR-C108	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
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 funds infrastructure maintenance and capital improvements to maximize the efficiency of transit operations, including enhancements to transit speed, passenger amenities, transit street pavement maintenance, and reliability of transit service operated by King County Metro within the City of Seattle.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Sales Tax	-	5,000	1,000	1,000	1,500	2,000	2,000	1,500	14,000
Total:	-	5,000	1,000	1,000	1,500	2,000	2,000	1,500	14,000
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Benefit District Fund	-	5,000	1,000	1,000	1,500	2,000	2,000	1,500	14,000
Total:	-	5,000	1,000	1,000	1,500	2,000	2,000	1,500	14,000

O&M Impacts: SDOT has individual project budgets for the maintenance of painted markings, signage, bridges and roadway structures, urban forestry, 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	455	694	209	655	253	704	306	54	3,330
Real Estate Excise Tax II	-	500	500	-	-	-	-	-	1,000
Street Vacations - SVF	36	-	-	-	-	-	-	-	36
Transportation Funding Package - Parking Tax	-	(39)	-	-	-	-	-	-	(39)
Total:	491	1,155	709	655	253	704	306	54	4,327
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET II Capital Fund	-	500	500	-	-	-	-	-	1,000
Transportation Fund	491	655	209	655	253	704	306	54	3,327
Total:	491	1,155	709	655	253	704	306	54	4,327
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	-	-	260	260
Total:	-	-	-	-	-	-	-	260	260

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Shoreline Street End Fees	1,824	532	1,151	779	787	783	798	804	7,457
Total:	1,824	532	1,151	779	787	783	798	804	7,457
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Fund	1,824	532	1,151	779	787	783	798	804	7,457
Total:	1,824	532	1,151	779	787	783	798	804	7,457

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	-	-	-	2,100	2,100	2,100	-	-	6,300
Real Estate Excise Tax II	6,789	303	10	644	1,100	-	-	-	8,846
School Camera Ticket Revenues	1,992	8	-	-	-	-	-	-	2,000
State Gas Taxes - City Street Fund	(57)	124	-	-	-	-	-	-	68
Transportation Funding Package - Lid Lift	990	-	-	-	-	-	-	-	990
Transportation Move Seattle Levy - Lid Lift	8,088	2,970	3,894	1,272	351	42	-	-	16,617
Vehicle License Fees (2021)	-	500	1,112	1,228	1,143	-	-	-	3,983
Total:	17,804	3,904	5,016	5,243	4,695	2,142	-	-	38,804
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	990	-	-	-	-	-	-	-	990
Move Seattle Levy Fund	8,088	2,970	3,894	1,272	351	42	-	-	16,617
REET I Capital Fund	-	-	-	2,100	2,100	2,100	-	-	6,300
REET II Capital Fund	6,789	303	10	644	1,100	-	-	-	8,846
School Safety Traffic and Pedestrian Improvement Fund	1,992	8	-	-	-	-	-	-	2,000
Transportation Benefit District Fund	-	500	1,112	1,228	1,143	-	-	-	3,983
Transportation Fund	(57)	124	-	-	-	-	-	-	68
Total:	17,804	3,904	5,016	5,243	4,695	2,142	-	-	38,804
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	1,800	2,100	2,100	6,000
Total:	-	-	-	-	-	1,800	2,100	2,100	6,000

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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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	2,600	377	-	-	-	688	712	-	4,377
Developer Mitigation	-	240	-	-	-	-	-	-	240
Interdepartmental Transfer	-	1	-	-	-	-	-	-	1
Real Estate Excise Tax II	1,012	1	-	-	-	-	-	-	1,013
Transportation Move Seattle Levy - Lid Lift	4,138	2,008	1,413	1,762	1,801	132	-	-	11,255
Vehicle License Fees \$60 & 0.1% Sales Tax	-	650	-	-	-	-	-	-	650
Total:	7,750	3,277	1,413	1,762	1,801	820	712	-	17,536
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	4,138	2,008	1,413	1,762	1,801	132	-	-	11,255
REET II Capital Fund	1,012	1	-	-	-	-	-	-	1,013
Transportation Benefit District Fund	-	650	-	-	-	-	-	-	650
Transportation Fund	2,600	618	-	-	-	688	712	-	4,618
Total:	7,750	3,277	1,413	1,762	1,801	820	712	-	17,536
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	1,300	1,213	730	3,243
Total:	-	-	-	-	-	1,300	1,213	730	3,243

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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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Sound Transit Funds	551	302	70	70	-	-	-	-	993
Total:	551	302	70	70	-	-	-	-	993
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Fund	551	302	70	70	-	-	-	-	993
Total:	551	302	70	70	-	-	-	-	993

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	571	128	-	-	-	-	-	-	699
General Fund	41	10	-	-	-	-	-	-	51
Real Estate Excise Tax II	-	1,204	1,437	-	1,816	-	1,530	-	5,987
Sound Transit Funds	404	6,130	153	4	4	4	-	-	6,698
Street Use Fees	-	-	-	-	-	-	-	1,897	1,897
Street Vacations - SVF	1,000	242	-	-	-	-	-	-	1,243
User Fees	1,939	474	560	1,772	-	1,851	-	-	6,596
Total:	3,955	8,190	2,151	1,775	1,819	1,855	1,530	1,897	23,172
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	41	10	-	-	-	-	-	-	51
REET II Capital Fund	-	1,204	1,437	-	1,816	-	1,530	-	5,987
Transportation Fund	3,914	6,976	714	1,775	4	1,855	-	1,897	17,134
Total:	3,955	8,190	2,151	1,775	1,819	1,855	1,530	1,897	23,172

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Partnership - WSDOT	-	223	-	-	-	-	-	-	223
Sound Transit Funds	1,402	145	-	-	-	-	-	-	1,547
Total:	1,402	369	-	-	-	-	-	-	1,770

Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Fund	1,402	369	-	-	-	-	-	-	1,770
Total:	1,402	369	-	-	-	-	-	-	1,770

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 3 - Design	Council District:	Council District 5
Start/End Date:	2016 - 2022	Neighborhood District:	Northwest
Total Project Cost:	\$7,160	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
State Grant Funds	-	1,000	-	-	-	-	-	-	1,000
Transportation Move Seattle Levy - Lid Lift	729	4,558	1,874	-	-	-	-	-	7,160
Total:	729	5,558	1,874	-	-	-	-	-	8,160
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	729	4,558	1,874	-	-	-	-	-	7,160
Transportation Fund	-	1,000	-	-	-	-	-	-	1,000
Total:	729	5,558	1,874	-	-	-	-	-	8,160
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	1,026	-	-	-	-	1,026
Total:	-	-	-	1,026	-	-	-	-	1,026

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 - 2022	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$9,999	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Move Seattle Levy - Lid Lift	1,287	612	8,100	-	-	-	-	-	9,999
Total:	1,287	612	8,100	-	-	-	-	-	9,999
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Move Seattle Levy Fund	1,287	612	8,100	-	-	-	-	-	9,999
Total:	1,287	612	8,100	-	-	-	-	-	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	33	-	-	-	-	-	-	-	33
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Partnership - WSDOT	4,454	5,122	1,846	1,846	1,846	-	-	-	15,114
Private Funding/Donations	543	-	-	-	-	-	-	-	543
Real Estate Excise Tax I	54	-	-	-	-	-	-	-	54
Sound Transit Funds	4	103	-	-	-	-	-	-	107
State Gas Taxes - City Street Fund	1,199	184	-	138	138	-	-	-	1,658
Street Vacations - SVF	54	-	105	-	-	-	-	-	159
Transportation Funding Package - Parking Tax	-	-	-	-	-	-	-	-	-
Vehicle Licensing Fees	60	-	-	-	-	-	-	-	60
Total:	6,401	5,409	1,951	1,984	1,984	-	-	-	17,729
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	33	-	-	-	-	-	-	-	33
REET I Capital Fund	54	-	-	-	-	-	-	-	54
Transportation Benefit District Fund	60	-	-	-	-	-	-	-	60
Transportation Fund	6,254	5,409	1,951	1,984	1,984	-	-	-	17,582
Total:	6,401	5,409	1,951	1,984	1,984	-	-	-	17,729

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.

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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.

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

Structures Major Maintenance

Project No:	MC-TR-C112	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:	
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This program provides for major maintenance and rehabilitation of the City's bridges and structural assets that are maintained by the Roadway Structures Division. Examples of improvements that could be funded by this project include: electrical and mechanical upgrades of moveable bridge operating and control systems, repair of cracks and maintenance of concrete and steel structures, and site protection of bridge facilities.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax II	-	1,000	3,660	1,200	-	-	-	-	5,860
Vehicle License Fees (2021)	-	850	-	-	-	-	-	-	850
Total:	-	1,850	3,660	1,200	-	-	-	-	6,710
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET II Capital Fund	-	1,000	3,660	1,200	-	-	-	-	5,860
Transportation Benefit District Fund	-	850	-	-	-	-	-	-	850
Total:	-	1,850	3,660	1,200	-	-	-	-	6,710

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

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Thomas Street Redesigned

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 - 2023	Neighborhood District:	
Total Project Cost:	\$3,073	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	28	(473)	765	191	-	-	-	-	510
Landscape Conservation & Local Infrastructure Program	329	500	1,040	221	-	-	-	-	2,090
Real Estate Excise Tax I	-	350	276	151	-	-	-	-	777
State Gas Taxes - Arterial City Street Fund	-	-	-	231	-	-	-	-	231
State Gas Taxes - City Street Fund	-	-	1,769	-	-	-	-	-	1,769
Transportation Network Company Revenue	-	473	-	-	-	-	-	-	473
Total:	356	850	3,850	794	-	-	-	-	5,850
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	28	-	765	191	-	-	-	-	983
REET I Capital Fund	-	350	276	151	-	-	-	-	777
Transportation Fund	329	500	2,809	452	-	-	-	-	4,090
Total:	356	850	3,850	794	-	-	-	-	5,850

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.

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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	7	-	-	-	-	-	-	-	7
Commercial Parking Tax	1,666	-	-	-	-	-	-	-	1,666
Developer Mitigation	222	482	-	-	-	-	-	-	704
Federal Grant Funds	3,546	-	-	-	-	-	-	-	3,546
King County Funds	1,582	484	-	-	-	-	-	-	2,066
LTGO Bond Proceeds	973	-	-	-	-	-	-	-	973
Private Funding/Donations	476	47	-	-	-	-	-	-	523
Sound Transit Funds	2,497	3,885	-	-	-	-	-	-	6,382
State Grant Funds	8,037	-	-	-	-	-	-	-	8,037
Transportation Funding Package - Lid Lift	18,908	-	-	-	-	-	-	-	18,908
Transportation Move Seattle Levy - Lid Lift	7,789	110	2,000	4,186	3,361	-	-	-	17,446
Vehicle License Fees \$60 & 0.1% Sales Tax	2,569	5,485	-	-	-	-	-	-	8,054
Vehicle Licensing Fees	6,538	2,416	1,271	1,090	944	1,044	-	-	13,303
Total:	54,810	12,909	3,271	5,276	4,305	1,044	-	-	81,615
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2016 Multipurpose LTGO Bond Fund	973	-	-	-	-	-	-	-	973
Bridging The Gap Levy Fund	18,908	-	-	-	-	-	-	-	18,908
Move Seattle Levy Fund	7,789	110	2,000	4,186	3,361	-	-	-	17,446
Transportation Benefit District Fund	9,107	7,901	1,271	1,090	944	1,044	-	-	21,357
Transportation Fund	18,033	4,897	-	-	-	-	-	-	22,930
Total:	54,810	12,909	3,271	5,276	4,305	1,044	-	-	81,615
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	2,900	4,010	4,110	11,020
Total:	-	-	-	-	-	2,900	4,010	4,110	11,020

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	69	11	-	-	-	-	-	-	80
LTGO Bond Proceeds	9	-	-	-	-	-	-	-	9
Real Estate Excise Tax II	104	-	-	-	-	-	-	-	104
State Gas Taxes - City Street Fund	19	9	9	9	9	9	-	-	63
Street Vacations - CRSU	350	-	-	-	-	-	-	-	350
Street Vacations - SVF	18	34	-	-	-	-	-	-	52
Trail and Open Space Levy	13	-	-	-	-	-	-	-	13
Transportation Funding Package - Lid Lift	16	-	-	-	-	-	-	-	16
Transportation Move Seattle Levy - Lid Lift	193	444	-	-	-	-	-	-	637
Vehicle Licensing Fees	-	4	-	-	-	-	-	-	4
Total:	791	502	9	9	9	9	-	-	1,329
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2008 Parks Levy Fund	13	-	-	-	-	-	-	-	13
2011 Multipurpose LTGO Bond Fund	9	-	-	-	-	-	-	-	9
Bridging The Gap Levy Fund	16	-	-	-	-	-	-	-	16
Move Seattle Levy Fund	193	444	-	-	-	-	-	-	637
REET II Capital Fund	104	-	-	-	-	-	-	-	104
Transportation Benefit District Fund	-	4	-	-	-	-	-	-	4
Transportation Fund	106	54	9	9	9	9	-	-	195
Unrestricted Cumulative Reserve Fund	350	-	-	-	-	-	-	-	350
Total:	791	502	9	9	9	9	-	-	1,329

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	1,336	6	-	-	-	-	-	-	1,341
Federal Grant Funds	1,240	2,471	-	-	-	-	-	-	3,710
General Fund	538	10	-	-	-	-	-	-	548
Real Estate Excise Tax I	977	23	-	-	-	-	-	-	1,000
Real Estate Excise Tax II	252	10	-	-	-	500	-	-	762
State Gas Taxes - City Street Fund	29	-	-	-	-	-	-	-	29
State Grant Funds	-	1,750	-	-	-	-	-	-	1,750
Transportation Funding Package - Lid Lift	62	-	-	-	-	-	-	-	62
Transportation Move Seattle Levy - Lid Lift	14,046	2,725	4,019	849	1,461	-	-	-	23,099
Transportation Network Company Revenue	-	200	-	-	-	-	-	-	200
Vehicle License Fees (2021)	-	1,125	2,224	2,255	2,287	-	-	-	7,891
Total:	18,479	8,319	6,243	3,104	3,748	500	-	-	40,392
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Bridging The Gap Levy Fund	62	-	-	-	-	-	-	-	62
General Fund	538	210	-	-	-	-	-	-	748
Move Seattle Levy Fund	14,046	2,725	4,019	849	1,461	-	-	-	23,099
REET I Capital Fund	977	23	-	-	-	-	-	-	1,000
REET II Capital Fund	252	10	-	-	-	500	-	-	762
Transportation Benefit District Fund	-	1,125	2,224	2,255	2,287	-	-	-	7,891
Transportation Fund	2,604	4,226	-	-	-	-	-	-	6,830
Total:	18,479	8,319	6,243	3,104	3,748	500	-	-	40,392
Unsecured Funding:	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
To Be Determined	-	-	-	-	-	2,448	2,510	2,572	7,530
Total:	-	-	-	-	-	2,448	2,510	2,572	7,530

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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Water Structures

Project No:	MC-TR-C111	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:	Council District 6
Start/End Date:	N/A	Neighborhood District:	Ballard
Total Project Cost:	N/A	Urban Village:	Ballard

This project funds SDOT's water structures rehabilitation and replacement efforts. SDOT's water structures are limited, totaling 3 piers (Washington Street on Elliot Bay in Pioneer Square, Madison Street on Elliott Bay in the Downtown Core and 24th Ave NW on the Lake Washington Ship Canal in Ballard). SDOT's structural expertise may also be used by other departments with piers and other water structures upon request.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Miscellaneous Revenues	-	398	-	-	-	-	-	-	398
Street Use Fees	98	(98)	-	300	300	300	300	300	1,500
User Fees	-	-	300	-	-	-	-	-	300
Total:	98	300	300	300	300	300	300	300	2,198
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Fund	98	300	300	300	300	300	300	300	2,198
Total:	98	300	300	300	300	300	300	300	2,198

O&M Impacts:

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

Waterfront Transportation Infrastructure Maintenance

Project No:	MC-TR-C109	BSL Code:	BC-TR-16000
Project Type:	Ongoing	BSL Name:	Central Waterfront
Project Category:	Rehabilitation or Restoration	Location:	Central Waterfront
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

The Waterfront Seattle program is reconstructing existing transportation infrastructure, Alaskan Way and Elliott Way as well as other streets and bridges. It is also building new transportation infrastructure, the Union Street Pedestrian Bridge, Overlook Walk and Pine Street connector. Each of these program elements includes transportation assets such as; pavement, sidewalks, ADA ramps, signs, signals, markings and landscapes that will need on-going maintenance to remain safe and in a state of good repair.

This program is a capital infrastructure maintenance program to keep the new or rebuilt assets in a state of good repair, consistent with the long-term maintenance commitments made by the City in the Protest Waiver Agreement for the Waterfront LID, approved by City Council in January 2019. In the long-term it is also intended that this program set aside funds for future asset replacement or rehabilitation as necessary.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Commercial Parking Tax	-	100	100	250	500	500	600	-	2,050
Total:	-	100	100	250	500	500	600	-	2,050
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Transportation Fund	-	100	100	250	500	500	600	-	2,050
Total:	-	100	100	250	500	500	600	-	2,050

O&M Impacts: This program is intended to address the on-going maintenance needs of the new or reconstructed transportation assets provided by the Waterfront program.

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:	\$2,750	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	-	(500)	500	-	-	-	-	-	-
LTGO Bond Proceeds	-	1,650	1,150	-	-	-	-	-	2,800
Transportation Network Company Revenue	-	500	-	-	-	-	-	-	500
Total:	-	1,650	1,650	-	-	-	-	-	3,300

Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2021 West Seattle Bridge Repair LTGO Bond Fund	-	1,650	-	-	-	-	-	-	1,650
2022 Multipurpose LTGO Bond Fund	-	-	1,150	-	-	-	-	-	1,150
General Fund	-	-	500	-	-	-	-	-	500
Total:	-	1,650	1,650	-	-	-	-	-	3,300

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

West Seattle Bridge Immediate Response

Project No:	MC-TR-C110	BSL Code:	BC-TR-19001
Project Type:	Discrete	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	West Seattle Bridge Spanning the Duwamish
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Multiple
Start/End Date:	2020 - 2022	Neighborhood District:	Greater Duwamish
Total Project Cost Range:	159,170 - 224,711	Urban Village:	Not in an Urban Village

This CIP funds the first few years of work for the West Seattle Bridge Program, including broad community engagement efforts and early work on the Reconnect West Seattle multimodal strategy. The capital delivery components include emergency repairs and bridge stabilization work that may include shoring and/or controlled removal, bridge replacement options analysis and design, and Spokane Swing (Low) Bridge repairs and enhancements. In parallel, this CIP funds a broad multimodal strategy (Reconnect West Seattle) to accommodate cross-Duwamish travel that formerly used the high-rise bridge in partnership with King County Metro, Sound Transit, WSDOT, Washington State Ferries, BNSF, the Port of Seattle, other state and federal agencies, private mobility providers, large employers, and the general public. In 2020/2021, SDOT will implement improvements developed from this process. The 2020 Appropriations are supported by an Interfund Loan to be repaid by the 2021 LTGO Bond Issuance.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Federal Grant Funds	-	37,651	-	-	-	-	-	-	37,651
LTGO Bond Proceeds	29,429	45,134	44,634	-	-	-	-	-	119,198
Total:	29,429	82,785	44,634	-	-	-	-	-	156,848
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2021 West Seattle Bridge Repair LTGO Bond Fund	29,546	45,017	-	-	-	-	-	-	74,564
2022 Multipurpose LTGO Bond Fund	-	-	44,634	-	-	-	-	-	44,634
Transportation Fund	(117)	37,767	-	-	-	-	-	-	37,651
Total:	29,429	82,785	44,634	-	-	-	-	-	156,848

Financial Planning Strategy: SDOT and CBO continue to evaluate the funding strategy for the repair and replacement of the West Seattle Bridge. The initial funding will be LTGO bonds, with the debt service paid for by Real Estate Excise Tax. SDOT will work to identify potential partnership funding.

O&M Impacts: O&M Costs are still being evaluated.

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 (City Light) is a municipally owned electric utility that operates as a department of the City of Seattle. The utility serves a population of approximately 955,000 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 generation system consisting of seven hydroelectric plants on the Pend Oreille, Skagit, Cedar, and Tolt rivers with a combined capacity of approximately 2,000 megawatts.
- 667 miles of high-voltage transmission lines.
- A distribution system with 16 major substations and more than 2,500 miles of overhead and underground cable.
- A state-of-the-art System Operations Center coordinating the City’s electric system.
- Billing and metering technology tracking over 481,000 accounts.

City Light’s Capital Improvement Program (CIP) is the vehicle for repairing, upgrading, and expanding this infrastructure. With planned spending of \$2.6 billion over the 2022-2027 timeframe, the CIP funds a variety of safety improvements, mitigation activities, and licensing requirements. Funding for the CIP comes primarily from retail electricity sales, sales of surplus power on the wholesale market, and the sale of revenue bonds. Federal and state grant funding is also an expected source in this timeframe.

Thematic Priorities

The foundational goal of the CIP is to support City Light’s mission of providing customers with affordable, reliable, and environmentally responsible energy services. The CIP reflects ongoing operational priorities as well as new business strategies identified in the utility’s 2022-2026 Strategic Plan, adopted in July 2021 via Resolution 32007. The five strategic plan business strategies are:

- 1. Improve the Customer Experience**
Objective: Consistently meet customers’ needs by providing employees with the opportunities and training required to deliver targeted and responsive solutions.
- 2. Create our Energy Future**
Objectives: Build and maintain a smart, resilient, flexible, dynamic, and reliable grid infrastructure. Prepare for the increased integration of distributed energy resources and more customer options. Work to reverse historic inequities and avoid collateral harm to underserved populations by intentionally prioritizing their needs as we create our energy future.
- 3. Develop Workforce and Organizational Agility**
Objective: Foster an organization that is nimble, adaptive, and responsive and cultivate a workforce with the skills and knowledge to advance social justice.
- 4. Ensure Financial Stewardship and Affordability**
Objective: Support long-term affordability in Seattle by offering rates that are transparent, understandable, reasonable, equitable, and consistent for all customers, including vulnerable populations. This commitment includes developing a sustainable and predictable approach to setting rates over time.

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5. We Power

Objectives: Continue to advance our mission to provide our customers with affordable, reliable, and environmentally responsible energy services. Prioritize diversity, equity, and inclusion in all that we do. Actively manage and mitigate the constraints, risks, and uncertainty of operating in a COVID-adjusted environment.

Notable CIP areas that advance our strategic plan business strategies and support our core mission and values are:

Investments to Create our Energy Future

The CIP includes significant new funding for projects to support advancement toward Seattle’s objective of transitioning away from fossil fuels and achieving a zero-carbon city. Grid modernization investments will update and modernize the distribution system to improve resiliency, add flexibility, and maintain reliability. Projects supporting electrification include pursuing electrification of a local steam franchise utility, large-scale maritime electrification projects, as well as continuing to expand electric vehicle charging infrastructure. Green energy resource growth will entail projects to develop distributed generation (solar, wind, etc.), energy storage, demand-side management, and other distributed energy resource (DER) technology. Finally grant matching funds to support pursuit of federal and state stimulus dollars to accelerate various new energy technologies will comprise a new project called ‘Utility Next.’

Technology and Cyber Security

Improvements are planned for various foundational technology systems that underpin our system operations and customer interactions. Investments include an expanded customer self-service portal, upgraded advanced meter infrastructure, and improved and connected customer metering and billing systems to provide a better service experience for customers. Upgrades to the Geospatial Information System (GIS) and the Outage Management System (OMS) support progress to grid transformation. A major upgrade of the Work and Asset Management System (WAMS) is also planned. In tandem with our technology investments, hardening our assets against cyber threats requires advanced developments in cyber security programs, technology governance, and operations.

Hydroelectric Project Relicensing

The federal license for the Skagit River Hydroelectric Project, a series of three dams that produces approximately 20% of City Light’s owned generation capacity, expires in 2025. Renewing the license with the Federal Energy Regulatory Commission (FERC) also means reviewing the safety, cost, environmental, and cultural impacts of the continued operation of the project. Between 2020 and 2023, City Light will collaborate with local partners to develop an application for a new license that will last for the next 30-50 years. The license will include requirements around protecting the environment and the culture of the watershed. In addition, the South Fork Tolt Hydroelectric Project is also up for FERC license renewal in 2027. For the Boundary Hydroelectric Project, various protection, mitigation, and enhancement activities are needed to fulfill requirements mandated by its 2014 FERC license and settlement agreement.

Transmission & Distribution Infrastructure Maintenance

Reliable energy delivery requires systematic maintenance of transmission and distribution assets. Pole replacements are a major capital effort; we have accelerated the pace of replacements due to a critical need to replace poles that have deteriorated. Other major program investments include expansion of the network distribution system in the north downtown area to realize systemwide benefits from the

new Denny Substation, as well as replacement of failing underground cables.

Preserving Hydroelectric Generation Assets

Preservation of Seattle's legacy hydroelectric generation facilities is accomplished through prudent and systematic investments and maintenance. Planned enhancements include a wide range of dam safety investments; an improved outage management system; long-term planning for small legacy hydroelectric projects such as Cedar Falls; improvements of ancillary systems and facilities including powerhouse systems; plant automation; and cyber security investments.

Workforce, Facilities and Fleets

Part of supporting an agile workforce entails providing a work environment that is conducive to productivity, collaboration, and innovation. A major restacking project will fund renovation of office space in the Seattle Municipal Tower to improve ergonomics, modify workspaces to accommodate modern technology, and reduce the utility's footprint in downtown core. Similarly, strategic fleet investments will replace aging vehicles with electric-powered alternatives that are greener and more efficient.

Race and Social Justice

Recent events have made clear the need for all organizations to examine their role in the structures that uphold systemic racism and City Light is no exception. The utility is actively engaged in the Citywide effort to rebuild Seattle as a city that is racially just, equitable, and inclusive. In developing and executing the CIP, City Light will work to prioritize positive outcomes and reverse historic inequities for underserved communities, including Black, Indigenous, and people of color as well as immigrants, refugees, persons experiencing low incomes, English language learners, youth, and seniors. This includes prioritizing the electrification of public transit with resulting air quality and other health benefits accruing to historically underserved communities, and a focus on job creation and economic activity with an emphasis on historically excluded populations.

Project Selection Criteria

City Light's planning process is designed to ensure project funding best meets customers' current and future needs, and to position the utility to meet current and future strategic and operational challenges. Project ideas to 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, fleets and facilities, technology, and customer service) prioritize capital spending within their divisions and then submit recommended projects through a centralized capital budgeting system.

Discrete projects are prioritized using a scoring tool with six criteria: Safety, System Reliability, Improved Level of Service, Environmental Stewardship, Financial Cost-Benefit, and Community Interest. Programs with ongoing funding are prioritized using three criteria: Criticality, Need (Urgency), and Safety. The process gives priority to mandatory requirements and existing projects before considering future projects and new initiatives. City Light's staff-level Capital Planning Team and executive-level Capital Asset Review and Evaluation Committee (CARE) review the scored and prioritized list of projects to develop City Light's six-year CIP.

For any capital project with a total cost exceeding \$1.0 million, utility staff develop a business case to document the project expectations and rationale and provide a cost-benefit analysis of alternatives. Availability of funding and labor resources limits the CIP, and to balance overall needs

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within these constraints, City Light may rescope, reschedule, or defer projects in the six-year CIP.

2022-2027 Proposed CIP Highlights

The 2022-2027 Proposed CIP outlines \$2.6 billion in capital spending over six years for power supply, transmission, distribution, external projects, and central utility needs.

2022-2027 Proposed CIP Summary of Allocations by Program (in 1,000s)

Program/SubProgram	2022	2023	2024	2025	2026	2027
Central Utility Projects	36,438	33,070	33,827	26,590	27,937	27,896
CUSTOMER AND BILLING	3,154	45	45	45	45	45
FINANCE AND IT SYSTEMS	1,393	1,764	1,849	1,749	2,793	1,637
FLEETS AND FACILITIES	31,891	31,261	31,933	24,796	25,099	26,214
Distribution	235,082	274,965	264,500	275,951	275,470	254,570
DISTRIBUTION OTHER	24,104	35,315	26,996	28,103	31,138	30,992
NETWORK	24,534	25,021	25,574	24,697	23,063	23,814
RADIAL	98,332	119,464	123,161	132,756	126,109	99,501
SERVICE CONNECTIONS	62,266	66,773	61,315	63,150	67,576	65,897
SUBSTATIONS	25,847	28,392	27,456	27,245	27,584	34,366
External Projects	41,640	24,233	18,667	18,114	22,789	23,558
LOCAL JURISDICTIONS	20,486	10,404	10,291	12,518	16,861	18,950
TRANSPORTATION RELOCATIONS	21,154	13,829	8,376	5,596	5,928	4,608
Power Supply	137,793	125,927	105,136	104,388	98,821	122,090
BOUNDARY	38,706	53,334	32,468	26,181	25,542	42,072
CEDAR FALLS - TOLT	5,386	4,634	5,168	8,339	8,840	5,764
CONSERVATION & ENVIRONMENTAL	42,724	43,056	43,191	43,641	44,411	44,754
POWER SUPPLY OTHER	2,562	1,474	2,111	2,303	1,392	1,536
SKAGIT	48,415	23,428	22,198	23,924	18,635	27,964
Transmission	6,743	9,559	8,707	8,436	9,181	9,254
TRANSMISSION	6,743	9,559	8,707	8,436	9,181	9,254
Grand Total	457,696	467,755	430,838	433,479	434,197	437,368

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, and vehicle fleets and facilities that are not part of the power generating plant (e.g., equipment shops, service centers, and maintenance yards) and includes City Light's work on transportation electrification.

For 2022, there is \$36.4 million in funding for 22 Central Utility Projects including \$8,220,000 in additional new funding for Office Furniture and Equipment (MC-CL-XF9103). Highlights include:

- Office Furniture and Equipment Replacement (MC-CL-XF9103): \$8,520,500
This ongoing project funds renovations of office space and capital replacement of office equipment, including modular office workstations, conference room ensemble furniture, flexible group workspaces, and major office machines. Improvements will enhance worker safety, with improved light, airflow, and ergonomics, as well as enhance productivity and team collaboration. This project also supports the City's Space Reduction Pilot, which aims to reduce the utility's footprint in the downtown core by 25% to achieve cost efficiencies.

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- Equipment Fleet Replacement (MC-CL-XF9101): \$7,714,581
This ongoing project funds the purchase of light-duty and heavy-duty mobile equipment fleet vehicles. This includes replacement of specialized fleet vehicles for electric utility use, as well as enhancements and additions of green alternatives such as electric powered vehicles.
- Service Center Facility Improvements (MC-CL-XF9107): \$5,685,690
This ongoing project improves office, shop, storage, and exterior areas in the North and South Service Centers. The projects may include improvements to building envelopes, interior renovations and upgrades, such as office redesign and restroom upgrades, and exterior improvements such as parking lot modifications to increase efficiency, productivity, safety and optimize use of space.
- Transportation Electrification (MC-CL-XF9239): \$3,180,004
This ongoing project develops electrification infrastructure to support light-duty, medium-duty, and heavy-duty electric vehicles as well as ferry and port systems. Improvements will be developed based on feedback from customer engagement. Efforts are expected to support areas including electrified public transit, fleet electrification, and electric vehicle charging.
- Customer Information System (MC-CL-ZC9937): \$3,108,611
This project funds upgrades to the Customer Information System known as the Utility Self Service Portal that serves customers of both Seattle Public Utilities and City Light. This project empowers the customer to utilize real-time, self-serve options that improves engagement between the utilities and customers, enhances web presence, and enables both customer-facing and internal process efficiencies.
- Safety Modifications (MC-CL-XF9006): \$1,700,577
This ongoing project funds facility modifications and equipment to address imminent and critical safety needs. The project includes physical upgrades and revisions to systems, equipment, properties, and facilities, as needed to comply with safety regulations and best practices for a safe, efficient, and secure work environment.
- Georgetown Steam Plant Access Road (MC-CL-XF9233): \$1,478,001
This project will design and construct a road and associated infrastructure for public access to the Georgetown Steam Plant. This work will be partially funded by King County, who initiated street development in 2000 that cut off access to the steam plant.

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, operational technology, and other facilities and assets related to the distribution system.

For 2022, there is \$235.0 million included for 57 projects in Distribution, including \$15,793,000 in increased funding for the Accelerated Pole Replacement Program under MC-CL-YR8351 and \$8,000,000 for Pole Attachments under MC-CL-YR8452. In addition, there are four new Master Projects added to the CIP: CenTrio Electrification Program (MC-CL-ZS8510) for \$2,000,000, Grid Modernization (MC-CL-YD9510) for \$1,719,000, Utility Next (MC-CL-YD9520) for \$1,000,000, and Maritime Transportation Electrification Program (MC-CL-ZS8520) for \$300,000. Highlights include:

- Overhead Equipment Replacements (MC-CL-YR8351): \$48,718,369

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This ongoing project replaces overhead distribution equipment nearing the end of its usable life, is overloaded, or no longer has an available supply of spare parts. These items include, but are not limited to, poles, cross-arms, transformers, and open-wire secondaries.

- Medium Overhead and Underground Services (MC-CL-ZS8366): \$19,507,725
This ongoing project funds engineering and installation of radial electric power service connections with medium-sized power requirements of 50 KVA to 2.5 MVA and 26 kV. The cost of this work is generally reimbursed by the requesting customer.
- Underground Equipment Replacements (MC-CL-YR8353): \$17,045,237
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.
- Pole Attachments (MC-CL-YR8452): \$16,056,725
This ongoing project funds preparing poles for the attachment of communication infrastructure owned by other entities. The construction costs associated with this work are typically fully reimbursable and attachments generate ongoing revenues through pole attachment rental fees.
- Software Replacement Strategy (MC-CL-YD9969): \$11,082,225
This project funds the upgrade or replacement of components of the Utility Technology Portfolio. Timely upgrades and replacements ensure that technology and enterprise level software resources are kept up to date and fully functional.
- Network Additions and Services – Broad Street Substation (MC-CL-ZS8363): \$10,901,335
This ongoing project funds electrical service connections, capacity additions, and related improvements in response to customer service requests within the Broad Street network area. The project also funds replacement or installation of network transformers, network protectors and specialty transformers, or in-building vault retrofits or other short duration system improvement needs that may be identified during construction.
- Denny Substation – Network (MC-CL-YN8404): \$10,646,669
This ongoing project funds network system work in the Denny Substation network area. Work may include design and construction, engineering design at the substation network interface, and underground conversion of streetlights, traffic signals, and telecom and fiber optic systems.
- Substation Equipment Improvements (MC-CL-YS7752): \$6,117,098
This ongoing project adds, replaces, and upgrades substation equipment, particularly substation electrical and control equipment. The project also funds installation of remote control and monitoring of substation equipment from the System Control Center, which facilitates faster response time to correct system instability or outages. This work maintains and improves system reliability, permits compliance with high voltage and environmental regulations, and ensures safe work sites.
- Network Additions and Services – Denny (MC-CL-ZS8405): \$6,057,448
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 tie-switches.

- Small Overhead and Underground Services (MC-CL-ZS8367): \$6,020,267
This ongoing project funds engineering and installation of radial electric power service connections with small size power requirements of less than 50 KVA and 26 kV. The cost of this work is generally reimbursed by the requesting customer.
- Grid Modernization (MC-CL-YD9510): \$1,719,000
This project funds installation of technology and equipment to modernize the distribution grid, including distribution system sensors, automated and remote switches, and demand response systems. This project implements the Grid Modernization Plan and Roadmap, which describes the work needed to build a next-generation electric grid that can flexibly and cost-effectively absorb demand growth from electrification of buildings and transportation.
- Utility Next (MC-CL-YD9520): \$1,000,000.
This project funds grant matching for the Utility Next portfolio, which aims to leverage stimulus and grant funding to augment and accelerate progress in grid modernization, renewable energy, electrification, and workforce development.

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.

For 2022, the CIP includes \$41.6 million in funding for 10 external projects. Highlights include:

- SR 520 Bridge Relocations (MC-CL-ZT8435): \$7,477,982
This project funds relocation and installation of power service infrastructure, such as feeder extensions, to support WSDOT's replacement of the State Route 520 Bridge from Montlake to I-5. This project is projected to be fully reimbursable by WSDOT.
- Transportation Streetlights (MC-CL-ZL8377): \$6,783,952
This ongoing project funds relocation of streetlights that are displaced by City of Seattle transportation projects.
- Alaskan Way Viaduct and Seawall Replacement - Utility Relocations (MC-CL-ZT8307): \$6,408,043
This project funds relocation of electric distribution infrastructure associated with the replacement of the Alaskan Way Viaduct and improvements to the Seawall and Central Waterfront.
- Seattle Waterfront Streetlights (MC-CL-ZL8481): \$6,384,633
This project funds new streetlights in the Seattle Waterfront area. The redevelopment of the Seattle Waterfront follows the Alaskan Way Viaduct replacement and is led by the Office of the Waterfront.
- Streetlight Arterial, Residential and Flood (MC-CL-ZL8378): \$4,334,416
This ongoing project funds streetlights and floodlights requested by various taxing jurisdictions and other customers. Lights may be provided in public right of way and on private property, for either public or private benefit.

- Local Transportation Driven Relocations (MC-CL-ZT8369): \$4,079,846
This ongoing project funds relocation of electrical lines to accommodate or take advantage of transportation-related projects, street vacations, or other projects initiated by outside agencies such as SDOT, WSDOT, or suburban municipalities. Work includes modifications to the distribution system, including replacement or modifications of line segments, poles, and underground facilities. Some costs may be reimbursable by the requesting outside agencies.

Power Supply

Projects in this program include improvements to dams, generators, powerhouses, as well as compliance work to meet federal licensing and environmental mitigation requirements for hydroelectric dams. Rebuilds or replacements of major power production equipment is sequenced to reduce the impact to power generation and to minimize fluctuations in the annual amount of capital spending.

For 2022, the CIP includes \$137.8 million in funding for 58 projects in Power Supply. Four new CIP projects are conversions from Deferred O&M projects and together add \$42.7 million to this program. Highlights include:

- Skagit – Relicensing (MC-CL-XS6986): \$41,521,787
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 began 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 – Licensing Mitigation (MC-CL-XB6987): \$16,926,739
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, City Light's largest generating station producing approximately 25% to 40% of its power supply.
- Boundary Powerhouse Generator Step-up Transformer Replacement (MC-CL-XB6493): \$7,182,959
This project replaces six existing step-up transformers at Boundary Dam and funds the purchase of a seventh transformer to keep as a spare in inventory due to long lead times for these specialized parts. This project helps avoid prolonged loss of generation due to forced outage.
- Boundary Powerhouse – Unit 54 Generator Rebuild (MC-CL-XB6353): \$6,452,372
This project funds rewinding and refurbishing of the Boundary Powerhouse Unit 54 generator and upgrades the fire-suppression system. Work may also include mechanical upgrades or installations of seal rings, wicket gates, and diagnostic equipment. This programmatic maintenance helps extend the useful life of the generator.
- Boundary Powerhouse – Unit 52 Generator Rebuild (MC-CL-XB6535): \$5,480,422
This project funds rewinding and refurbishing of the Boundary Powerhouse Unit 52 generator and upgrades its fire-suppression system. Work may also include mechanical upgrades or installations of seal rings, wicket gates, and diagnostic equipment. This programmatic maintenance helps extend the useful life of the generator.
- Skagit Facility – Minor Improvements Program (MC-CL-XS6405): \$2,468,365

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This ongoing project provides funding for emergent capital improvement needs for various facilities at the Skagit Project. This project also funds small scheduled capital projects with cost estimates of less than \$25,000.

- Cedar Falls Bank 6 Replacement (MC-CL-XC6573): \$1,886,575

This project replaces the 60-year-old Bank 6 power step-up transformer at Cedar Falls. Bank 6 provides the connection between Cedar Falls Generating Units 5 and 6 and the transmission system. The transformer is approaching the end of its useful life and the goal of this project is to replace it during a planned outage before it fails.

Transmission

Projects in this program fund refurbishment and expansion of utility-owned high-voltage transmission infrastructure that transports electricity from generation facilities to City Light's service territory, as well as within the service territory.

For 2022, the CIP budget includes \$6.7 million for six projects. Highlights include:

- Transmission Reliability (MC-CL-YT7104): \$3,064,313

This ongoing project funds replacement and improvement of transmission structures and conductors. This work may include engineering, construction, and related work, as well as minor improvements to overhead or underground transmission system assets to improve reliability.

- Denny Substation Transmission Lines (MC-CL-YT7125): \$1,001,274

This project funds work associated with the design and construction of new transmission lines to support the new Denny Substation. This expansion would divide the existing Pine to Broad Street transmission line into two transmission lines to improve system reliability and resiliency.

- Transmission Tower Refurbishment (MC-CL-YT7130): \$1,800,000

This ongoing project funds programmatic painting and refurbishment of approximately 1,700 steel transmission tower structures. Metal transmission towers have a long life if properly maintained, while replacements are disruptive and can cost more than \$2 million per tower.

CIP Revenue Sources

Approximately 60% of the CIP is funded through the sale of revenue bonds, based on financial policies set forth in Resolution 31187. The remaining 40% is funded by revenues from retail electric rates, wholesale sales, direct customer billings for service connections and other customer requested work, and assorted fees. Federal and state grant funding are also anticipated funding sources in this six-year timeframe; these funds will be added to the CIP as the grants are approved.

Summary of Upcoming Budget Issues and Challenges

Budget Issues

The COVID-19 pandemic and the associated economic slowdown have contributed to a loss of demand for electricity from commercial customers, reducing revenues available for capital work. In addition, City Light's strategic plan commitment to hold rate increases to levels resembling inflation limits CIP spending to the amounts previously identified in the adopted six-year plan. This means that change requests with new funding needs must be offset with reductions elsewhere in the CIP.

2022-2027 Proposed Capital Improvement Program

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 poses 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. Utilities must continue to evolve and to develop their products and services to best serve shifting customer needs and expectations. Additionally, the utility's viability is expected to remain an important component to ensure that the transforming landscape results in an equitable energy future that does not leave disadvantaged communities behind.
- *Declining retail energy consumption and electrification.* Advances in energy efficiency have reduced consumer energy demand, particularly for those with access to modern energy efficient technology and dwellings. 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. At the same time, electrification of buildings and transportation promises to increase demand for electricity, reinforcing the critical need for grid investments that will be required to effectively serve this new demand. This changing landscape calls for managing impacts to rates while also understanding and compensating for inequities in access to green, cost-saving technologies.
- *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

- Demand for transportation and building electrification is growing and will support the Mayor's Drive Clean Seattle and City Council Green New Deal priorities. Prospects for large scale commercial electrification include steam utility CenTrio (formerly EnWave) and maritime applications, including ferries, the port, and various types of commercial ships.
- The transition to the new 5G network is driving a large number of requests for attachment space on poles. The impact of 5G deployment will touch nearly every pole in City Light's distribution system and will provide a growing stream of rental revenue.

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 6 - Closeout	Council District:	Multiple
Start/End Date:	2015 - 2025	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$101,947	Urban Village:	Not in an Urban Village

The first phase of this project replaced approximately 400,000 meters with Smart Meters. The second phase of this project funds the replacement of approximately 25,000 remaining 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	92,287	8,086	410	378	388	397	-	-	101,947
Total:	92,287	8,086	410	378	388	397	-	-	101,947
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	92,287	8,086	410	378	388	397	-	-	101,947
Total:	92,287	8,086	410	378	388	397	-	-	101,947

O&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 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$257,180	Urban Village:	Not in an Urban Village

This project provides relocation of electric distribution infrastructure associated with the replacement of the Alaskan Way Viaduct and improvements to the Seawall and Central Waterfront.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	208,507	40,828	6,408	1,303	134	-	-	-	257,180
Total:	208,507	40,828	6,408	1,303	134	-	-	-	257,180
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	208,507	40,828	6,408	1,303	134	-	-	-	257,180
Total:	208,507	40,828	6,408	1,303	134	-	-	-	257,180

O&M Impacts: NA

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

BO Lead and Asbestos

Project No:	MC-CL-XF9231	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply - CIP
Project Category:	Rehabilitation or Restoration	Location:	Bothell Receiving Substation
Current Project Stage:	Stage 6 - Closeout	Council District:	Citywide
Start/End Date:	2013 - 2022	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$1,201	Urban Village:	Outside City of Seattle

This project provides funding for the removal of contaminants, sewer remediation, and decommissioning of the water tower at the Bothell Substation. Removal of lead and asbestos in the Craneway Area is necessary in order to make the area space useable. The existing septic system does not meet code and needs to be removed or abandoned in place. The sanitary system then needs to be connected with services out to the street. The water tower needs to be deconstructed and removed as it is no longer used or needed and represents a risk to the substation if it deteriorates to the point of collapsing.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1,051	150	-	-	-	-	-	-	1,201
Total:	1,051	150	-	-	-	-	-	-	1,201
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	1,051	150	-	-	-	-	-	-	1,201
Total:	1,051	150	-	-	-	-	-	-	1,201

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

Boundary - Access Road Stability Improvements

Project No:	MC-CL-XB6615	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply - 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 - 2028	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$7,630	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	857	-	-	-	-	-	589	6,184	7,630
Total:	857	-	-	-	-	-	589	6,184	7,630
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	857	-	-	-	-	-	589	6,184	7,630
Total:	857	-	-	-	-	-	589	6,184	7,630

O&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 - 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 - 2024	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$3,361	Urban Village:	Outside City of Seattle

This project replaces the multiple existing DC battery systems at Boundary.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1,534	127	78	794	828	-	-	-	3,361
Total:	1,534	127	78	794	828	-	-	-	3,361
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	1,534	127	78	794	828	-	-	-	3,361
Total:	1,534	127	78	794	828	-	-	-	3,361

O&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 - 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 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$3,131	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. Inspections 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	2,902	169	-	10	50	-	-	-	3,131
Total:	2,902	169	-	10	50	-	-	-	3,131
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	2,902	169	-	10	50	-	-	-	3,131
Total:	2,902	169	-	10	50	-	-	-	3,131

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

Boundary - Licensing Mitigation

Project No:	MC-CL-XB6987	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	99,016	41,742	16,927	28,997	14,126	8,066	15,377	31,036	255,286
Total:	99,016	41,742	16,927	28,997	14,126	8,066	15,377	31,036	255,286
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	99,016	41,742	16,927	28,997	14,126	8,066	15,377	31,036	255,286
Total:	99,016	41,742	16,927	28,997	14,126	8,066	15,377	31,036	255,286

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

Boundary - Unit 56 Exciter Replacement

Project No:	MC-CL-XB6603	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply - 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 - 2021	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$2,035	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1,946	89	-	-	-	-	-	-	2,035
Total:	1,946	89	-	-	-	-	-	-	2,035
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	1,946	89	-	-	-	-	-	-	2,035
Total:	1,946	89	-	-	-	-	-	-	2,035

O&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 - 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 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1,019	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. 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, this project will be implemented in phases over several years.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	95	457	227	217	24	-	-	-	1,019
Total:	95	457	227	217	24	-	-	-	1,019
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	95	457	227	217	24	-	-	-	1,019
Total:	95	457	227	217	24	-	-	-	1,019

O&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 - 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 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1,098	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, 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	964	134	-	-	-	-	-	-	1,098
Total:	964	134	-	-	-	-	-	-	1,098
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	964	134	-	-	-	-	-	-	1,098
Total:	964	134	-	-	-	-	-	-	1,098

O&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 - 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. An 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	242	129	1,440	2,296	1,250	941	965	7,262
Total:	-	242	129	1,440	2,296	1,250	941	965	7,262
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	242	129	1,440	2,296	1,250	941	965	7,262
Total:	-	242	129	1,440	2,296	1,250	941	965	7,262

O&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 - 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 funding 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.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	22,714	1,126	202	1,215	6,850	8,409	2,246	2,264	45,027
Total:	22,714	1,126	202	1,215	6,850	8,409	2,246	2,264	45,027
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	22,714	1,126	202	1,215	6,850	8,409	2,246	2,264	45,027
Total:	22,714	1,126	202	1,215	6,850	8,409	2,246	2,264	45,027

O&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 - 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:	2024 - 2027	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$1,039	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	-	-	378	467	194	-	1,039
Total:	-	-	-	-	378	467	194	-	1,039
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	-	-	378	467	194	-	1,039
Total:	-	-	-	-	378	467	194	-	1,039

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 Governor Rehabilitation

Project No:	MC-CL-XB6641	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply - 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:	2024 - 2026	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$8,465	Urban Village:	Not in an Urban Village

This project replaces the control systems on all six Boundary generating units. A 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	-	-	405	4,059	4,001	-	8,465
Total:	-	-	-	-	405	4,059	4,001	-	8,465
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	-	-	405	4,059	4,001	-	8,465
Total:	-	-	-	-	405	4,059	4,001	-	8,465

O&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 - 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 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$40,008	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. 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	34,120	5,842	19	19	8	-	-	-	40,008
Total:	34,120	5,842	19	19	8	-	-	-	40,008
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	34,120	5,842	19	19	8	-	-	-	40,008
Total:	34,120	5,842	19	19	8	-	-	-	40,008

O&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 - 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 - 2024	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$27,440	Urban Village:	Outside City of Seattle

This project provides rewinding and refurbishing of the Boundary Powerhouse Unit 52 generator and upgrades its fire-suppression system. Work may also include mechanical upgrades or installations of seal rings, wicket gates, and diagnostic equipment. This programmatic maintenance helps extend the useful life of the generator.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	68	15,567	5,480	6,325	-	-	-	-	27,440
Total:	68	15,567	5,480	6,325	-	-	-	-	27,440
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	68	15,567	5,480	6,325	-	-	-	-	27,440
Total:	68	15,567	5,480	6,325	-	-	-	-	27,440

O&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 - 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 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$28,702	Urban Village:	Not in an Urban Village

This project provides rewinding and refurbishing of the Boundary Powerhouse Unit 54 generator and upgrades the fire-suppression system. Work may also include mechanical upgrades or installations of seal rings, wicket gates, and diagnostic equipment. This programmatic maintenance helps extend the useful life of the generator.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	11,365	10,783	6,452	79	23	-	-	-	28,702
Total:	11,365	10,783	6,452	79	23	-	-	-	28,702
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	11,365	10,783	6,452	79	23	-	-	-	28,702
Total:	11,365	10,783	6,452	79	23	-	-	-	28,702

O&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 - 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 - 2025	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$46,447	Urban Village:	Not in an Urban Village

This project replaces six existing step-up transformers at Boundary Dam and funds the purchase of a seventh transformer to keep as a spare in inventory due to long lead times for these specialized parts. This project helps avoid prolonged loss of generation due to forced outage.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	16,400	9,542	7,183	6,982	4,724	1,615	-	-	46,447
Total:	16,400	9,542	7,183	6,982	4,724	1,615	-	-	46,447
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	16,400	9,542	7,183	6,982	4,724	1,615	-	-	46,447
Total:	16,400	9,542	7,183	6,982	4,724	1,615	-	-	46,447

O&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 - 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:	\$6,238	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	19	475	846	4,879	18	-	-	-	6,238
Total:	19	475	846	4,879	18	-	-	-	6,238
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	19	475	846	4,879	18	-	-	-	6,238
Total:	19	475	846	4,879	18	-	-	-	6,238

O&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 - 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 - 2025	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$1,322	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 there is a reliance on a series of sump pumps to keep the powerhouse dry. Projects to replace the sump pumps are completed, and now the drive systems for each pump need to be replaced and modernized. One drive system will be replaced per year with the final one in service in 2024.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	241	381	91	303	306	-	-	-	1,322
Total:	241	381	91	303	306	-	-	-	1,322
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	241	381	91	303	306	-	-	-	1,322
Total:	241	381	91	303	306	-	-	-	1,322

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	87,611	7,263	2,331	2,378	2,539	2,533	3,041	3,412	111,107
Total:	87,611	7,263	2,331	2,378	2,539	2,533	3,041	3,412	111,107
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	87,611	7,263	2,331	2,378	2,539	2,533	3,041	3,412	111,107
Total:	87,611	7,263	2,331	2,378	2,539	2,533	3,041	3,412	111,107

O&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 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	11,504	4,274	-	-	-	1,096	1,107	1,399	19,379
Total:	11,504	4,274	-	-	-	1,096	1,107	1,399	19,379
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	11,504	4,274	-	-	-	1,096	1,107	1,399	19,379
Total:	11,504	4,274	-	-	-	1,096	1,107	1,399	19,379

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	339	107	45	45	45	45	45	45	717
Total:	339	107	45	45	45	45	45	45	717
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	339	107	45	45	45	45	45	45	717
Total:	339	107	45	45	45	45	45	45	717

O&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 - 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 - 2023	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$2,939	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1,159	522	1,183	75	-	-	-	-	2,939
Total:	1,159	522	1,183	75	-	-	-	-	2,939
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	1,159	522	1,183	75	-	-	-	-	2,939
Total:	1,159	522	1,183	75	-	-	-	-	2,939

O&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 - 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:	2023 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$613	Urban Village:	Not in an Urban Village

This project provides rehabilitation to the Cedar Falls Valvehouse. Rehabilitation may include exterior structural improvements, replacement of windows, oil spill prevention, and interior remodeling.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	-	106	507	-	-	-	613
Total:	-	-	-	106	507	-	-	-	613
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	-	106	507	-	-	-	613
Total:	-	-	-	106	507	-	-	-	613

O&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:	Ongoing	BSL Name:	Power Supply - CIP
Project Category:	Rehabilitation or Restoration	Location:	Cedar Falls
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 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 and employee safety, and environmental stewardship.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1,585	229	150	200	-	-	-	-	2,165
Total:	1,585	229	150	200	-	-	-	-	2,165
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	1,585	229	150	200	-	-	-	-	2,165
Total:	1,585	229	150	200	-	-	-	-	2,165

O&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 Substation & Bank 6 Replacement

Project No:	MC-CL-XC6573	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply - 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 - 2023	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$13,341	Urban Village:	Outside City of Seattle

This project replaces the 60-year-old Bank 6 power step up transformer at Cedar Falls. Bank 6 provides the connection between Cedar Falls Generating Units 5 and 6 and the transmission system. The transformer is approaching the end of its useful life and the goal of this project is to replace it during a planned outage before it fails.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	2,651	8,741	1,887	62	-	-	-	-	13,341
Total:	2,651	8,741	1,887	62	-	-	-	-	13,341
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	2,651	8,741	1,887	62	-	-	-	-	13,341
Total:	2,651	8,741	1,887	62	-	-	-	-	13,341

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

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 - 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 funds 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 unforeseeable, unscheduled, unpredictable, and occur on a first-come, first serve basis.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	16,699	1,165	746	2,348	2,764	2,193	2,566	2,319	30,801
Total:	16,699	1,165	746	2,348	2,764	2,193	2,566	2,319	30,801
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	16,699	1,165	746	2,348	2,764	2,193	2,566	2,319	30,801
Total:	16,699	1,165	746	2,348	2,764	2,193	2,566	2,319	30,801

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

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 3 - Design	Council District:	Multiple
Start/End Date:	2015 - 2021	Neighborhood District:	Multiple
Total Project Cost:	\$1,001	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	844	157	-	-	-	-	-	-	1,001
Total:	844	157	-	-	-	-	-	-	1,001
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	844	157	-	-	-	-	-	-	1,001
Total:	844	157	-	-	-	-	-	-	1,001

O&M Impacts: NA

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

CenTrio Electrification

Project No:	MC-CL-ZS8510	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	New Investment	Location:	System Wide
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 2
Start/End Date:	2022 - 2023	Neighborhood District:	Downtown
Total Project Cost:	\$7,000	Urban Village:	Downtown

This project funds the plan, design, procurement, construction, and commission of large City Light capital investment projects to deliver infrastructure required to meet electrification of CenTrio, a franchise utility that delivers steam for heating of multiple downtown buildings in Seattle.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	2,000	5,000	-	-	-	-	7,000
Total:	-	-	2,000	5,000	-	-	-	-	7,000
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	2,000	5,000	-	-	-	-	7,000
Total:	-	-	2,000	5,000	-	-	-	-	7,000

O&M Impacts:

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 project 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	10,476	1,364	700	900	850	905	906	1,273	17,373
Total:	10,476	1,364	700	900	850	905	906	1,273	17,373
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	10,476	1,364	700	900	850	905	906	1,273	17,373
Total:	10,476	1,364	700	900	850	905	906	1,273	17,373

O&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 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2009 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	8,815	259	-	-	-	-	-	-	9,074
Total:	8,815	259	-	-	-	-	-	-	9,074
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	8,815	259	-	-	-	-	-	-	9,074
Total:	8,815	259	-	-	-	-	-	-	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 3 - Design	Council District:	Council District 2
Start/End Date:	2005 - 2028	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$11,381	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.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	522	560	206	6	231	35	4,821	5,000	11,381
Total:	522	560	206	6	231	35	4,821	5,000	11,381
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	522	560	206	6	231	35	4,821	5,000	11,381
Total:	522	560	206	6	231	35	4,821	5,000	11,381

O&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 - 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 provides 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1,636	956	552	1,244	1,264	2,091	2,194	1,622	11,560
Total:	1,636	956	552	1,244	1,264	2,091	2,194	1,622	11,560
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	1,636	956	552	1,244	1,264	2,091	2,194	1,622	11,560
Total:	1,636	956	552	1,244	1,264	2,091	2,194	1,622	11,560

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

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 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$2,017	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 enable City Light to build reports from any front end business intelligence tool such as Cognos, Oracle OBIEE and OUA, Tableau, or Power BI.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	1,651	-	144	223	-	-	-	2,017
Total:	-	1,651	-	144	223	-	-	-	2,017
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	1,651	-	144	223	-	-	-	2,017
Total:	-	1,651	-	144	223	-	-	-	2,017

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

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 funds network system work in the Denny Substation network area. Work may include design and construction, engineering design at the substation network interface, and underground conversion of streetlights, traffic signals, and telecom and fiber optic systems.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	101,266	5,742	10,647	10,869	11,118	11,128	6,342	6,454	163,567
Total:	101,266	5,742	10,647	10,869	11,118	11,128	6,342	6,454	163,567
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	101,266	5,742	10,647	10,869	11,118	11,128	6,342	6,454	163,567
Total:	101,266	5,742	10,647	10,869	11,118	11,128	6,342	6,454	163,567

O&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 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	2,472	2,788	38	-	-	-	-	-	5,298
Total:	2,472	2,788	38	-	-	-	-	-	5,298
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	2,472	2,788	38	-	-	-	-	-	5,298
Total:	2,472	2,788	38	-	-	-	-	-	5,298

O&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 - 2030	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$29,647	Urban Village:	Not in an Urban Village

This project provides work associated with the design and construction of new transmission lines to support the new Denny Substation. This expansion would divide the existing Pine to Broad Street transmission line into two transmission lines to improve system reliability and resiliency.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	17,449	10,194	1,001	201	201	200	191	210	29,647
Total:	17,449	10,194	1,001	201	201	200	191	210	29,647
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	17,449	10,194	1,001	201	201	200	191	210	29,647
Total:	17,449	10,194	1,001	201	201	200	191	210	29,647

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

Diablo - Load Interrupters Replacement

Project No:	MC-CL-XS6532	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 126 Stte Highway 20
Current Project Stage:	Stage 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2015 - 2021	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	5,721	351	-	-	-	-	-	-	6,072
Total:	5,721	351	-	-	-	-	-	-	6,072
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	5,721	351	-	-	-	-	-	-	6,072
Total:	5,721	351	-	-	-	-	-	-	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 - 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:	2026 - 2029	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$4,115	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	-	-	-	-	315	3,800	4,115
Total:	-	-	-	-	-	-	315	3,800	4,115
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	-	-	-	-	315	3,800	4,115
Total:	-	-	-	-	-	-	315	3,800	4,115

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 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1,513	572	306	357	505	168	-	-	3,422
Total:	1,513	572	306	357	505	168	-	-	3,422
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	1,513	572	306	357	505	168	-	-	3,422
Total:	1,513	572	306	357	505	168	-	-	3,422

O&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 - 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:	2011 - 2021	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$6,664	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	6,586	78	-	-	-	-	-	-	6,664
Total:	6,586	78	-	-	-	-	-	-	6,664
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	6,586	78	-	-	-	-	-	-	6,664
Total:	6,586	78	-	-	-	-	-	-	6,664

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	25,944	3,944	2,396	2,525	1,648	2,100	2,067	2,135	42,758
Total:	25,944	3,944	2,396	2,525	1,648	2,100	2,067	2,135	42,758
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	25,944	3,944	2,396	2,525	1,648	2,100	2,067	2,135	42,758
Total:	25,944	3,944	2,396	2,525	1,648	2,100	2,067	2,135	42,758

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	13,426	3,265	2,998	3,210	3,092	3,141	3,200	3,662	35,993
Total:	13,426	3,265	2,998	3,210	3,092	3,141	3,200	3,662	35,993
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	13,426	3,265	2,998	3,210	3,092	3,141	3,200	3,662	35,993
Total:	13,426	3,265	2,998	3,210	3,092	3,141	3,200	3,662	35,993

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

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:	2027 - 2028	Neighborhood District:	Multiple
Total Project Cost:	\$6,829	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	-	-	-	-	-	6,829	6,829
Total:	-	-	-	-	-	-	-	6,829	6,829
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	-	-	-	-	-	6,829	6,829
Total:	-	-	-	-	-	-	-	6,829	6,829

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1,250	1,814	660	872	872	1,000	1,848	1,000	9,315
Total:	1,250	1,814	660	872	872	1,000	1,848	1,000	9,315
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	1,250	1,814	660	872	872	1,000	1,848	1,000	9,315
Total:	1,250	1,814	660	872	872	1,000	1,848	1,000	9,315

O&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 - 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 City Light's public electric vehicle charging pilot project. This project will deploy 26 public EV fast chargers within the service area, at both City-owned property and private sites. City Light owns and installs the charging infrastructure. This program allows customers access to carbon-neutral electricity that customers are demanding, better utilize current utility assets, and contribute to the Clean, Renewable-Powered City initiative and the aggressive goals of the Drive Clean Seattle Initiative.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	3,499	1,497	-	-	-	-	-	-	4,996
Total:	3,499	1,497	-	-	-	-	-	-	4,996
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	3,499	1,497	-	-	-	-	-	-	4,996
Total:	3,499	1,497	-	-	-	-	-	-	4,996

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

Endangered Species Act Mitigation

Project No:	MC-CL-XP6990	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - 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 work that 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	14,308	1,825	1,154	1,169	1,192	1,213	1,124	615	22,599
Total:	14,308	1,825	1,154	1,169	1,192	1,213	1,124	615	22,599
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	14,308	1,825	1,154	1,169	1,192	1,213	1,124	615	22,599
Total:	14,308	1,825	1,154	1,169	1,192	1,213	1,124	615	22,599

O&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 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	7,143	2,030	1,100	850	600	600	-	-	12,323
Total:	7,143	2,030	1,100	850	600	600	-	-	12,323
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	7,143	2,030	1,100	850	600	600	-	-	12,323
Total:	7,143	2,030	1,100	850	600	600	-	-	12,323

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

Energy Efficiency

Project No:	MC-CL-WC2250	BSL Code:	BC-CL-W
Project Type:	Ongoing	BSL Name:	Conservation & Environmental - CIP
Project Category:	Improved Facility	Location:	
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 energy efficiency programs at City Light.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	28,394	28,644	28,644	28,894	29,394	29,394	173,362
Total:	-	-	28,394	28,644	28,644	28,894	29,394	29,394	173,362
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	28,394	28,644	28,644	28,894	29,394	29,394	173,362
Total:	-	-	28,394	28,644	28,644	28,894	29,394	29,394	173,362

O&M Impacts:

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 5 - Execution (IT Only)	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 project funds the upgrade to maintain the City Light 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.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	566	1,084	-	-	-	-	-	-	1,650
Total:	566	1,084	-	-	-	-	-	-	1,650
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	566	1,084	-	-	-	-	-	-	1,650
Total:	566	1,084	-	-	-	-	-	-	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 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 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$8,616	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1,106	1,288	790	3,204	2,228	-	-	-	8,616
Total:	1,106	1,288	790	3,204	2,228	-	-	-	8,616
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	1,106	1,288	790	3,204	2,228	-	-	-	8,616
Total:	1,106	1,288	790	3,204	2,228	-	-	-	8,616

O&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 funds the upgrade or replacement of components of the Utility Technology Portfolio. Timely upgrades and replacements ensure that technology and enterprise level software resources are kept up to date and fully functional.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	7,929	13,988	11,082	14,653	10,829	11,628	14,567	7,523	92,199
Total:	7,929	13,988	11,082	14,653	10,829	11,628	14,567	7,523	92,199
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	7,929	13,988	11,082	14,653	10,829	11,628	14,567	7,523	92,199
Total:	7,929	13,988	11,082	14,653	10,829	11,628	14,567	7,523	92,199

O&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 Claims

Project No:	MC-CL-WC3133	BSL Code:	BC-CL-W
Project Type:	Ongoing	BSL Name:	Conservation & Environmental - CIP
Project Category:	Improved Facility	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 all environmental liability clean-up and remediation work on City Light owned and non-owned properties, whether voluntary or ordered by State or Federal environmental regulating agencies.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	11,637	11,642	11,647	11,652	11,658	11,663	69,898
Total:	-	-	11,637	11,642	11,647	11,652	11,658	11,663	69,898
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	11,637	11,642	11,647	11,652	11,658	11,663	69,898
Total:	-	-	11,637	11,642	11,647	11,652	11,658	11,663	69,898

O&M Impacts:

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 - 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 improvements to prevent air and water pollution at City Light facilities. Projects may 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	664	190	72	66	132	30	31	40	1,227
Total:	664	190	72	66	132	30	31	40	1,227
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	664	190	72	66	132	30	31	40	1,227
Total:	664	190	72	66	132	30	31	40	1,227

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

Equipment Fleet Replacement

Project No:	MC-CL-XF9101	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - 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 the purchase of light-duty and heavy-duty mobile equipment fleet vehicles. This includes replacement of specialized fleet vehicles for electric utility use, as well as enhancements and additions of green alternatives such as electric powered vehicles.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	83,756	18,945	7,715	7,556	6,690	7,190	8,648	8,700	149,198
Total:	83,756	18,945	7,715	7,556	6,690	7,190	8,648	8,700	149,198
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	83,756	18,945	7,715	7,556	6,690	7,190	8,648	8,700	149,198
Total:	83,756	18,945	7,715	7,556	6,690	7,190	8,648	8,700	149,198

O&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 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	4,418	73	-	-	-	-	-	104	4,595
Total:	4,418	73	-	-	-	-	-	104	4,595
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	4,418	73	-	-	-	-	-	104	4,595
Total:	4,418	73	-	-	-	-	-	104	4,595

O&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 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	2,205	3,294	348	357	365	383	377	383	7,713
Total:	2,205	3,294	348	357	365	383	377	383	7,713
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	2,205	3,294	348	357	365	383	377	383	7,713
Total:	2,205	3,294	348	357	365	383	377	383	7,713

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	17,391	1,641	3,620	3,648	3,676	2,834	3,550	3,895	40,256
Total:	17,391	1,641	3,620	3,648	3,676	2,834	3,550	3,895	40,256
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	17,391	1,641	3,620	3,648	3,676	2,834	3,550	3,895	40,256
Total:	17,391	1,641	3,620	3,648	3,676	2,834	3,550	3,895	40,256

O&M Impacts: NA

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

Fork Tolt License Mitigation

Project No:	MC-CL-WC3131	BSL Code:	BC-CL-W
Project Type:	Ongoing	BSL Name:	Conservation & Environmental - 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:	Outside City of Seattle
Total Project Cost:	N/A	Urban Village:	Outside City of Seattle

This ongoing project funds activities related to the South Fork Tolt License Mitigation and Settlement Agreement from 1988 to 2028. Activities include but are not limited to spawning surveys and placement of woody debris.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	130	143	145	146	148	149	861
Total:	-	-	130	143	145	146	148	149	861
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	130	143	145	146	148	149	861
Total:	-	-	130	143	145	146	148	149	861

O&M Impacts:

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 - 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 - 2022	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$3,235	Urban Village:	Greater Duwamish

This project will design and construct a road and associated infrastructure for public access to the Georgetown Steam Plant. This work will be partially funded by King County, who initiated street development in 2000 that cut off access to the steam plant.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	282	1,475	1,478	-	-	-	-	-	3,235
Total:	282	1,475	1,478	-	-	-	-	-	3,235
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	282	1,475	1,478	-	-	-	-	-	3,235
Total:	282	1,475	1,478	-	-	-	-	-	3,235

O&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 - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 121 Stte Highway 20
Current Project Stage:	Stage 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2021	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$2,230	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1,553	677	-	-	-	-	-	-	2,230
Total:	1,553	677	-	-	-	-	-	-	2,230
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	1,553	677	-	-	-	-	-	-	2,230
Total:	1,553	677	-	-	-	-	-	-	2,230

O&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 - 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:	\$4,857	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	224	397	4,092	145	-	-	-	4,857
Total:	-	224	397	4,092	145	-	-	-	4,857
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	224	397	4,092	145	-	-	-	4,857
Total:	-	224	397	4,092	145	-	-	-	4,857

O&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 - 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:	2023 - 2027	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$27,877	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	-	100	876	7,199	9,239	10,463	27,877
Total:	-	-	-	100	876	7,199	9,239	10,463	27,877
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	-	100	876	7,199	9,239	10,463	27,877
Total:	-	-	-	100	876	7,199	9,239	10,463	27,877

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

Grid Modernization

Project No:	MC-CL-YD9510	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Improved Facility	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 project funds installation of technology and equipment to modernize the distribution grid, including distribution system sensors, automated and remote switches, and demand response systems. This project implements the Grid Modernization Plan and Roadmap, which describes the work needed to build a next-generation electric grid that can flexibly and cost-effectively absorb demand growth from electrification of buildings and transportation.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	1,719	3,195	3,291	3,389	3,491	3,596	18,681
Total:	-	-	1,719	3,195	3,291	3,389	3,491	3,596	18,681
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	1,719	3,195	3,291	3,389	3,491	3,596	18,681
Total:	-	-	1,719	3,195	3,291	3,389	3,491	3,596	18,681

O&M Impacts:

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 - 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 funds 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	2,606	430	215	-	-	-	-	-	3,251
Total:	2,606	430	215	-	-	-	-	-	3,251
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	2,606	430	215	-	-	-	-	-	3,251
Total:	2,606	430	215	-	-	-	-	-	3,251

O&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 - 2027	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$2,274	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 South Lake Union district that City Light will be able to serve their needs reliably.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	251	247	301	309	316	335	516	2,274
Total:	-	251	247	301	309	316	335	516	2,274
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	251	247	301	309	316	335	516	2,274
Total:	-	251	247	301	309	316	335	516	2,274

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	6	-	98	98	98	98	98	-	494
Total:	6	-	98	98	98	98	98	-	494
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	6	-	98	98	98	98	98	-	494
Total:	6	-	98	98	98	98	98	-	494

O&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 City Light locations.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	881	636	651	657	651	848	637	4,960
Total:	-	881	636	651	657	651	848	637	4,960
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	881	636	651	657	651	848	637	4,960
Total:	-	881	636	651	657	651	848	637	4,960

O&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 - 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 - 2025	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$3,209	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	467	520	830	1,169	223	-	-	3,209
Total:	-	467	520	830	1,169	223	-	-	3,209
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	467	520	830	1,169	223	-	-	3,209
Total:	-	467	520	830	1,169	223	-	-	3,209

O&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 City Light's distribution system to the customer's meter for power requirements of greater than 3 MVA and 26 kV radial services. The project allows 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. The cost of some of this work is generally reimbursed by the requesting customer.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	33,312	3,256	3,371	3,427	3,484	3,543	3,602	3,662	57,658
Total:	33,312	3,256	3,371	3,427	3,484	3,543	3,602	3,662	57,658
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	33,312	3,256	3,371	3,427	3,484	3,543	3,602	3,662	57,658
Total:	33,312	3,256	3,371	3,427	3,484	3,543	3,602	3,662	57,658

O&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 5 - Execution (IT Only)	Council District:	Multiple
Start/End Date:	2018 - 2023	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$4,178	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	10	3,433	464	271	-	-	-	-	4,178
Total:	10	3,433	464	271	-	-	-	-	4,178
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	10	3,433	464	271	-	-	-	-	4,178
Total:	10	3,433	464	271	-	-	-	-	4,178

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	20,693	2,939	2,885	2,928	2,971	3,015	3,060	2,819	41,311
Total:	20,693	2,939	2,885	2,928	2,971	3,015	3,060	2,819	41,311
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	20,693	2,939	2,885	2,928	2,971	3,015	3,060	2,819	41,311
Total:	20,693	2,939	2,885	2,928	2,971	3,015	3,060	2,819	41,311

O&M Impacts: NA

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

Maritime Transportation Electrification

Project No:	MC-CL-ZS8520	BSL Code:	BC-CL-Z
Project Type:	Ongoing	BSL Name:	Customer Focused - CIP
Project Category:	New Investment	Location:	System Wide
Current Project Stage:	N/A	Council District:	Council District 7, Council District 1
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

The ongoing program will plan, design, procure, construct, and commission large City Light capital investment projects to deliver infrastructure required to meet electrification, environmental justice, and/or sustainability goals and mandates and customer demand associated with Maritime Transportation (MARTEP). MARTEP Projects stem from public and private maritime transportation efforts to transition from emission-based energy sources to City Light electrical service and that requires City Light to design and construct new infrastructure.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	300	2,000	2,000	2,000	7,000	4,000	17,300
Total:	-	-	300	2,000	2,000	2,000	7,000	4,000	17,300
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	300	2,000	2,000	2,000	7,000	4,000	17,300
Total:	-	-	300	2,000	2,000	2,000	7,000	4,000	17,300

O&M Impacts:

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 and construction work required to improve and enhance the network system supporting existing and neat future network customers in the areas. 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	42,824	2,205	3,164	3,359	3,404	3,341	4,176	3,649	66,122
Total:	42,824	2,205	3,164	3,359	3,404	3,341	4,176	3,649	66,122
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	42,824	2,205	3,164	3,359	3,404	3,341	4,176	3,649	66,122
Total:	42,824	2,205	3,164	3,359	3,404	3,341	4,176	3,649	66,122

O&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 engineering and installation of radial electric power service connections with medium-sized power requirements of 50 KVA to 2.5 MVA and 26 kV. The cost of some of this work is generally reimbursed by the requesting customer.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	185,999	16,556	19,508	19,008	19,322	20,483	18,820	19,164	318,860
Total:	185,999	16,556	19,508	19,008	19,322	20,483	18,820	19,164	318,860
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	185,999	16,556	19,508	19,008	19,322	20,483	18,820	19,164	318,860
Total:	185,999	16,556	19,508	19,008	19,322	20,483	18,820	19,164	318,860

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	50,392	5,412	3,830	3,938	3,966	4,036	4,105	4,464	80,144
Total:	50,392	5,412	3,830	3,938	3,966	4,036	4,105	4,464	80,144
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	50,392	5,412	3,830	3,938	3,966	4,036	4,105	4,464	80,144
Total:	50,392	5,412	3,830	3,938	3,966	4,036	4,105	4,464	80,144

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

Miscellaneous Building Improvements

Project No:	MC-CL-XF9007	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - 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 funds improvements to City Light's buildings and facilities. The project provides cost effective asset preservation measures, and funds projects that allow City Lighty to meet safety and health code requirements.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	12,665	1,083	-	-	-	-	-	-	13,748
Total:	12,665	1,083	-	-	-	-	-	-	13,748
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	12,665	1,083	-	-	-	-	-	-	13,748
Total:	12,665	1,083	-	-	-	-	-	-	13,748

O&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 - Execution (IT Only)	Council District:	Citywide
Start/End Date:	2017 - 2027	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$9,965	Urban Village:	Not in an Urban Village

This project provides mobile communication and computing equipment for 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	411	4,232	-	-	2,154	2,208	961	-	9,965
Total:	411	4,232	-	-	2,154	2,208	961	-	9,965
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	411	4,232	-	-	2,154	2,208	961	-	9,965
Total:	411	4,232	-	-	2,154	2,208	961	-	9,965

O&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 tie- switches.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	16,003	12,805	6,057	5,791	5,872	5,955	5,776	6,430	64,689
Total:	16,003	12,805	6,057	5,791	5,872	5,955	5,776	6,430	64,689
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	16,003	12,805	6,057	5,791	5,872	5,955	5,776	6,430	64,689
Total:	16,003	12,805	6,057	5,791	5,872	5,955	5,776	6,430	64,689

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

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, capacity additions, and related improvements in response to customer service requests within the Broad Street network area. The project also funds replacement or installation of network transformers, network protectors and specialty transformers, or in-building vault retrofits or other short duration system improvement needs that may be identified during construction.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	104,731	11,163	10,901	10,901	9,983	10,161	10,640	11,152	179,633
Total:	104,731	11,163	10,901	10,901	9,983	10,161	10,640	11,152	179,633
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	104,731	11,163	10,901	10,901	9,983	10,161	10,640	11,152	179,633
Total:	104,731	11,163	10,901	10,901	9,983	10,161	10,640	11,152	179,633

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	63,856	4,035	3,903	4,169	3,961	4,054	4,127	4,422	92,528
Total:	63,856	4,035	3,903	4,169	3,961	4,054	4,127	4,422	92,528
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	63,856	4,035	3,903	4,169	3,961	4,054	4,127	4,422	92,528
Total:	63,856	4,035	3,903	4,169	3,961	4,054	4,127	4,422	92,528

O&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 Digital Grid system (formerly Hazeltine system). The project consists of substation receivers, workstations, applications, server pairs and alarm PCs. The project provides remote monitoring of network transformers, protectors, vaults, and supports daily utility operations. The project enhances the network monitoring capability by allowing a real time alarm and an event generated from the field to be processed and sent to the alarm PCs of an abnormal electrical component or environmental condition occurrence. The most crucial alarm PC is situated in the System Control Center where it is monitored by with Power Dispatchers 24/7.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	7,641	526	539	548	546	550	671	762	11,784
Total:	7,641	526	539	548	546	550	671	762	11,784
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	7,641	526	539	548	546	550	671	762	11,784
Total:	7,641	526	539	548	546	550	671	762	11,784

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	40,470	2,648	1,852	1,836	1,860	1,873	2,326	2,288	55,153
Total:	40,470	2,648	1,852	1,836	1,860	1,873	2,326	2,288	55,153
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	40,470	2,648	1,852	1,836	1,860	1,873	2,326	2,288	55,153
Total:	40,470	2,648	1,852	1,836	1,860	1,873	2,326	2,288	55,153

O&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 5 - Execution (IT Only)	Council District:	Council District 3
Start/End Date:	2015 - 2023	Neighborhood District:	Downtown
Total Project Cost:	\$66,849	Urban Village:	Downtown

This project provides upgrades to the Customer Information System known as the Utility Self Service Portal that serves customers of both Seattle Public Utilities and City Light. This project empowers the customer to utilize real-time, self-serve options that improves engagement between the utilities and customers, enhances web presence, and enables both customer-facing and internal process efficiencies.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	62,208	1,532	3,109	-	-	-	-	-	66,849
Total:	62,208	1,532	3,109	-	-	-	-	-	66,849
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	62,208	1,532	3,109	-	-	-	-	-	66,849
Total:	62,208	1,532	3,109	-	-	-	-	-	66,849

O&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 - 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 - 2027	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$8,755	Urban Village:	Not in an Urban Village

This project provides rehabilitation of 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	5,933	540	50	50	337	340	317	1,188	8,755
Total:	5,933	540	50	50	337	340	317	1,188	8,755
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	5,933	540	50	50	337	340	317	1,188	8,755
Total:	5,933	540	50	50	337	340	317	1,188	8,755

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	16,250	1,379	687	698	710	721	733	745	21,922
Total:	16,250	1,379	687	698	710	721	733	745	21,922
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	16,250	1,379	687	698	710	721	733	745	21,922
Total:	16,250	1,379	687	698	710	721	733	745	21,922

O&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 Replacement

Project No:	MC-CL-XF9103	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - 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 renovations of office space and capital replacement of office equipment, including modular office workstations, conference room ensemble furniture, flexible group workspaces, and major office machines. Improvements will enhance worker safety, with improved light, airflow, and ergonomics, as well as enhance productivity and team collaboration. This project also supports the City's Space Reduction Pilot, which aims to reduce the utility's footprint in the downtown core by 25% to achieve cost efficiencies.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	2,929	745	8,521	8,855	7,711	750	747	942	31,200
Total:	2,929	745	8,521	8,855	7,711	750	747	942	31,200
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	2,929	745	8,521	8,855	7,711	750	747	942	31,200
Total:	2,929	745	8,521	8,855	7,711	750	747	942	31,200

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

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 3 - Design	Council District:	Multiple
Start/End Date:	2017 - 2023	Neighborhood District:	Multiple
Total Project Cost:	\$11,678	Urban Village:	Multiple

This project funds City Light's Outage Management System (OMS) upgrade in order to maintain its availability to 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	6,195	2,203	3,280	-	-	-	-	11,678
Total:	-	6,195	2,203	3,280	-	-	-	-	11,678
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	6,195	2,203	3,280	-	-	-	-	11,678
Total:	-	6,195	2,203	3,280	-	-	-	-	11,678

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	18,050	1,777	1,053	819	857	884	770	846	25,056
Total:	18,050	1,777	1,053	819	857	884	770	846	25,056
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	18,050	1,777	1,053	819	857	884	770	846	25,056
Total:	18,050	1,777	1,053	819	857	884	770	846	25,056

O&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 provides relocation of electrical lines to accommodate or take advantage of transportation-related projects, street vacations, or other projects initiated by outside agencies such as SDOT, WSDOT, or suburban municipalities. Work includes modifications to the distribution system, including replacement or modifications of line segments, poles, and underground facilities. Some costs may be reimbursable by the requesting outside agencies

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	25,681	5,669	4,080	9,505	7,720	5,497	5,725	4,608	68,486
Total:	25,681	5,669	4,080	9,505	7,720	5,497	5,725	4,608	68,486
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	25,681	5,669	4,080	9,505	7,720	5,497	5,725	4,608	68,486
Total:	25,681	5,669	4,080	9,505	7,720	5,497	5,725	4,608	68,486

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

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 may replace 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	50,807	2,675	2,579	2,617	2,656	2,695	2,611	2,776	69,415
Total:	50,807	2,675	2,579	2,617	2,656	2,695	2,611	2,776	69,415
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	50,807	2,675	2,579	2,617	2,656	2,695	2,611	2,776	69,415
Total:	50,807	2,675	2,579	2,617	2,656	2,695	2,611	2,776	69,415

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

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 overhead distribution equipment 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.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	171,720	26,090	48,718	52,969	42,851	43,699	44,313	21,990	452,349
Total:	171,720	26,090	48,718	52,969	42,851	43,699	44,313	21,990	452,349
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	171,720	26,090	48,718	52,969	42,851	43,699	44,313	21,990	452,349
Total:	171,720	26,090	48,718	52,969	42,851	43,699	44,313	21,990	452,349

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	3,804	1,146	1,043	1,060	1,077	1,095	1,113	1,131	11,469
Total:	3,804	1,146	1,043	1,060	1,077	1,095	1,113	1,131	11,469
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	3,804	1,146	1,043	1,060	1,077	1,095	1,113	1,131	11,469
Total:	3,804	1,146	1,043	1,060	1,077	1,095	1,113	1,131	11,469

O&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 may pay for some of this work.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	46,081	3,563	2,260	2,293	2,328	2,363	2,399	2,435	63,722
Total:	46,081	3,563	2,260	2,293	2,328	2,363	2,399	2,435	63,722
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	46,081	3,563	2,260	2,293	2,328	2,363	2,399	2,435	63,722
Total:	46,081	3,563	2,260	2,293	2,328	2,363	2,399	2,435	63,722

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	558	300	210	215	-	-	-	1,284
Total:	-	558	300	210	215	-	-	-	1,284
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	558	300	210	215	-	-	-	1,284
Total:	-	558	300	210	215	-	-	-	1,284

O&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 preparing poles for the attachment of communication infrastructure owned by other entities. The construction costs associated with this work are typically fully reimbursable and attachments generate ongoing revenues through pole attachment rental fees.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	61,805	20,452	16,057	17,064	17,209	17,186	17,509	17,485	184,767
Total:	61,805	20,452	16,057	17,064	17,209	17,186	17,509	17,485	184,767
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	61,805	20,452	16,057	17,064	17,209	17,186	17,509	17,485	184,767
Total:	61,805	20,452	16,057	17,064	17,209	17,186	17,509	17,485	184,767

O&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 - 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:	2007 - 2023	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	8,622	19	158	305	919	1,090	269	921	12,302
Total:	8,622	19	158	305	919	1,090	269	921	12,302
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	8,622	19	158	305	919	1,090	269	921	12,302
Total:	8,622	19	158	305	919	1,090	269	921	12,302

O&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 5 - Execution (IT Only)	Council District:	Multiple
Start/End Date:	2020 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	995	3,565	-	-	-	-	-	-	4,560
Total:	995	3,565	-	-	-	-	-	-	4,560
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	995	3,565	-	-	-	-	-	-	4,560
Total:	995	3,565	-	-	-	-	-	-	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	49,908	4,711	5,105	5,531	5,616	5,372	5,283	6,588	88,115
Total:	49,908	4,711	5,105	5,531	5,616	5,372	5,283	6,588	88,115
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	49,908	4,711	5,105	5,531	5,616	5,372	5,283	6,588	88,115
Total:	49,908	4,711	5,105	5,531	5,616	5,372	5,283	6,588	88,115

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	546	44	11	12	12	12	11	-	648
Total:	546	44	11	12	12	12	11	-	648
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	546	44	11	12	12	12	11	-	648
Total:	546	44	11	12	12	12	11	-	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

Ross - Exciters 41-44

Project No:	MC-CL-XS6564	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply - 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 - 2026	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$4,064	Urban Village:	Outside City of Seattle

This project replaces the excitation systems for the four Ross generating units.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	5	341	756	1,666	1,163	133	-	-	4,064
Total:	5	341	756	1,666	1,163	133	-	-	4,064
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	5	341	756	1,666	1,163	133	-	-	4,064
Total:	5	341	756	1,666	1,163	133	-	-	4,064

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

Ross - Governors

Project No:	MC-CL-XS6562	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply - CIP
Project Category:	Rehabilitation or Restoration	Location:	Ross Powehouse
Current Project Stage:	Stage 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2015 - 2022	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$5,688	Urban Village:	Outside City of Seattle

This project replaces governor controls on all four of the Ross Powerhouse generating units.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	3,625	1,968	95	-	-	-	-	-	5,688
Total:	3,625	1,968	95	-	-	-	-	-	5,688
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	3,625	1,968	95	-	-	-	-	-	5,688
Total:	3,625	1,968	95	-	-	-	-	-	5,688

O&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 - 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 - 2028	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$17,164	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	4,178	1,311	776	1,595	1,754	1,747	1,747	4,056	17,164
Total:	4,178	1,311	776	1,595	1,754	1,747	1,747	4,056	17,164
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	4,178	1,311	776	1,595	1,754	1,747	1,747	4,056	17,164
Total:	4,178	1,311	776	1,595	1,754	1,747	1,747	4,056	17,164

O&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 - 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 provides facility modifications and equipment to address imminent and critical safety needs. The project includes physical upgrades and revisions to systems, equipment, properties, and facilities, as needed to comply with safety regulations and best practices for a safe, efficient, and secure work environment.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	4,927	3,456	1,701	701	701	701	713	893	13,793
Total:	4,927	3,456	1,701	701	701	701	713	893	13,793
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	4,927	3,456	1,701	701	701	701	713	893	13,793
Total:	4,927	3,456	1,701	701	701	701	713	893	13,793

O&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 5 - Construction	Council District:	Council District 7
Start/End Date:	2017 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$13,204	Urban Village:	Not in an Urban Village

This project funds new streetlights in the Seattle Waterfront area. The redevelopment of the Seattle Waterfront follows the Alaskan Way Viaduct replacement and is led by the Office of the Waterfront.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1,681	5,139	6,385	-	-	-	-	-	13,204
Total:	1,681	5,139	6,385	-	-	-	-	-	13,204
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	1,681	5,139	6,385	-	-	-	-	-	13,204
Total:	1,681	5,139	6,385	-	-	-	-	-	13,204

O&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 project 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 to improve security at critical facilities that house command and control systems. It enhances reliability of the power system, 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	30,169	8,352	2,326	1,414	1,406	1,406	2,003	2,575	49,652
Total:	30,169	8,352	2,326	1,414	1,406	1,406	2,003	2,575	49,652
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	30,169	8,352	2,326	1,414	1,406	1,406	2,003	2,575	49,652
Total:	30,169	8,352	2,326	1,414	1,406	1,406	2,003	2,575	49,652

O&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 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	7,234	4,747	-	1,002	902	862	900	1,141	16,787
Total:	7,234	4,747	-	1,002	902	862	900	1,141	16,787
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	7,234	4,747	-	1,002	902	862	900	1,141	16,787
Total:	7,234	4,747	-	1,002	902	862	900	1,141	16,787

O&M Impacts: NA

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

Service Center Facility Improvements

Project No:	MC-CL-XF9107	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - 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 the purchase of light-duty and heavy-duty mobile equipment fleet vehicles. This includes replacement of specialized fleet vehicles for electric utility use, as well as enhancements and additions of green alternatives such as electric powered vehicles.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	14,173	2,269	5,686	100	200	200	205	257	23,090
Total:	14,173	2,269	5,686	100	200	200	205	257	23,090
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	14,173	2,269	5,686	100	200	200	205	257	23,090
Total:	14,173	2,269	5,686	100	200	200	205	257	23,090

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

Skagit - Babcock Creek Crossing

Project No:	MC-CL-XS6514	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply - 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 - 2028	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$935	Urban Village:	Outside City of Seattle

This project provides 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	263	1	-	-	-	-	114	558	935
Total:	263	1	-	-	-	-	114	558	935
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	263	1	-	-	-	-	114	558	935
Total:	263	1	-	-	-	-	114	558	935

O&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 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	3,451	981	290	-	-	567	-	-	5,290
Total:	3,451	981	290	-	-	567	-	-	5,290
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	3,451	981	290	-	-	567	-	-	5,290
Total:	3,451	981	290	-	-	567	-	-	5,290

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

Skagit - DC Battery System

Project No:	MC-CL-XS6583	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - 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 replaces the existing DC battery banks at the Skagit project.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	3,141	951	39	59	416	727	684	-	6,018
Total:	3,141	951	39	59	416	727	684	-	6,018
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	3,141	951	39	59	416	727	684	-	6,018
Total:	3,141	951	39	59	416	727	684	-	6,018

O&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 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	12,490	15,264	41,522	7,350	4,505	4,425	1,072	-	86,626
Total:	12,490	15,264	41,522	7,350	4,505	4,425	1,072	-	86,626
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	12,490	15,264	41,522	7,350	4,505	4,425	1,072	-	86,626
Total:	12,490	15,264	41,522	7,350	4,505	4,425	1,072	-	86,626

O&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 - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 126 State Highway 20
Current Project Stage:	Stage 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2015 - 2023	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$5,685	Urban Village:	Not in an Urban Village

This project funds the replacement or repairs of 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	4,979	-	161	544	-	-	-	-	5,685
Total:	4,979	-	161	544	-	-	-	-	5,685
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	4,979	-	161	544	-	-	-	-	5,685
Total:	4,979	-	161	544	-	-	-	-	5,685

O&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 - 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:	2010 - 2021	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	4,435	1,062	817	600	-	-	-	-	6,915
Total:	4,435	1,062	817	600	-	-	-	-	6,915
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	4,435	1,062	817	600	-	-	-	-	6,915
Total:	4,435	1,062	817	600	-	-	-	-	6,915

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

Skagit Facilities Plan Phase 2

Project No:	MC-CL-XS6521	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	2019 - 2026	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	43	176	64	287	1,125	1,000	500	940	4,135
Total:	43	176	64	287	1,125	1,000	500	940	4,135
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	43	176	64	287	1,125	1,000	500	940	4,135
Total:	43	176	64	287	1,125	1,000	500	940	4,135

O&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 - 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 funds 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	35,220	5,472	2,468	6,593	8,920	5,822	3,531	6,901	74,928
Total:	35,220	5,472	2,468	6,593	8,920	5,822	3,531	6,901	74,928
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	35,220	5,472	2,468	6,593	8,920	5,822	3,531	6,901	74,928
Total:	35,220	5,472	2,468	6,593	8,920	5,822	3,531	6,901	74,928

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

Skagit Facility Conservation

Project No:	MC-CL-XS6515	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	697	530	484	52	1,866	305	2	-	3,936
Total:	697	530	484	52	1,866	305	2	-	3,936
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	697	530	484	52	1,866	305	2	-	3,936
Total:	697	530	484	52	1,866	305	2	-	3,936

O&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 License 1995

Project No:	MC-CL-WC3125	BSL Code:	BC-CL-W
Project Type:	Ongoing	BSL Name:	Conservation & Environmental - CIP
Project Category:	Improved Facility	Location:	
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 funds the License Settlement Agreement for the 1995 Skagit License including activities such as fisheries, wildlife, North Cascades Environmental Learning Center, Recreation, Skagit ROW Veg Mgmt., Erosion, Plant Propagation, Historic Properties, Archaeological MOAs, Powerhouse NPDES, Aesthetics Agreement and Visual Quality, and Salmon Studies.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	2,563	2,627	2,755	2,949	3,212	3,548	17,655
Total:	-	-	2,563	2,627	2,755	2,949	3,212	3,548	17,655
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	2,563	2,627	2,755	2,949	3,212	3,548	17,655
Total:	-	-	2,563	2,627	2,755	2,949	3,212	3,548	17,655

O&M Impacts:

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 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	4,141	522	82	84	131	64	62	59	5,145
Total:	4,141	522	82	84	131	64	62	59	5,145
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	4,141	522	82	84	131	64	62	59	5,145
Total:	4,141	522	82	84	131	64	62	59	5,145

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

Skagit Powerhouses - Install Protection Relays

Project No:	MC-CL-XS6415	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	8,665	106	107	-	455	1,426	1,052	-	11,810
Total:	8,665	106	107	-	455	1,426	1,052	-	11,810
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	8,665	106	107	-	455	1,426	1,052	-	11,810
Total:	8,665	106	107	-	455	1,426	1,052	-	11,810

O&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 engineering and installation of radial electric power service connections with small size power requirements of less than 50 KVA and 26 kV. The cost of some of this work is generally reimbursed by the requesting customer.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	86,029	5,729	6,020	6,101	6,183	6,266	6,351	6,438	129,117
Total:	86,029	5,729	6,020	6,101	6,183	6,266	6,351	6,438	129,117
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	86,029	5,729	6,020	6,101	6,183	6,266	6,351	6,438	129,117
Total:	86,029	5,729	6,020	6,101	6,183	6,266	6,351	6,438	129,117

O&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 - 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 - 2022	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$114	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	114	-	-	-	-	-	114
Total:	-	-	114	-	-	-	-	-	114
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	114	-	-	-	-	-	114
Total:	-	-	114	-	-	-	-	-	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

Solar Microgrid for Resilience

Project No:	MC-CL-XF9238	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply - CIP
Project Category:	New Investment	Location:	TBD
Current Project Stage:	Stage 6 - Closeout	Council District:	TBD
Start/End Date:	2016 - 2022	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. 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	2,070	3,078	-	-	-	-	-	-	5,148
Total:	2,070	3,078	-	-	-	-	-	-	5,148
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	2,070	3,078	-	-	-	-	-	-	5,148
Total:	2,070	3,078	-	-	-	-	-	-	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 3 - Design	Council District:	Multiple
Start/End Date:	2017 - 2021	Neighborhood District:	Multiple
Total Project Cost:	\$1,075	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 Lynnwood Link line.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	92	984	-	-	-	-	-	-	1,075
Total:	92	984	-	-	-	-	-	-	1,075
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	92	984	-	-	-	-	-	-	1,075
Total:	92	984	-	-	-	-	-	-	1,075

O&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 provides 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	34	1,050	394	284	522	97	203	-	2,582
Total:	34	1,050	394	284	522	97	203	-	2,582
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	34	1,050	394	284	522	97	203	-	2,582
Total:	34	1,050	394	284	522	97	203	-	2,582

O&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 - 2021	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	2,133	36	-	-	-	-	-	-	2,169
Total:	2,133	36	-	-	-	-	-	-	2,169
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	2,133	36	-	-	-	-	-	-	2,169
Total:	2,133	36	-	-	-	-	-	-	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 - 2025	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$13,875	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	6,909	3,498	2,794	670	-	3	-	-	13,875
Total:	6,909	3,498	2,794	670	-	3	-	-	13,875
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	6,909	3,498	2,794	670	-	3	-	-	13,875
Total:	6,909	3,498	2,794	670	-	3	-	-	13,875

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

Special Work Equipment - Generation Plant

Project No:	MC-CL-XP6102	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - 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 the purchase of machinery and tools, and special work equipment to be used for operations activities at 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	9,151	1,061	922	-	-	-	-	-	11,134
Total:	9,151	1,061	922	-	-	-	-	-	11,134
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	9,151	1,061	922	-	-	-	-	-	11,134
Total:	9,151	1,061	922	-	-	-	-	-	11,134

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	10,955	794	794	793	794	795	796	822	16,544
Total:	10,955	794	794	793	794	795	796	822	16,544
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	10,955	794	794	793	794	795	796	822	16,544
Total:	10,955	794	794	793	794	795	796	822	16,544

O&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 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1,784	577	292	316	325	334	341	342	4,311
Total:	1,784	577	292	316	325	334	341	342	4,311
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	1,784	577	292	316	325	334	341	342	4,311
Total:	1,784	577	292	316	325	334	341	342	4,311

O&M Impacts: NA

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

ST Northlink - City Light

Project No:	MC-CL-ZT8427	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	New Facility	Location:	University District /Roosevelt/Northgate
Current Project Stage:	Stage 6 - Closeout	Council District:	
Start/End Date:	2010 - 2021	Neighborhood District:	Northwest
Total Project Cost:	\$807	Urban Village:	Multiple

This project provides management and construction of SCL's utility relocations and feeder construction needed for Sound Transit to build the North Link light rail line to the proposed Sound Transit Northgate Station, from the University of Washington Station, as part of the design and construction agreements made between the City of Seattle and Sound Transit.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	753	54	-	-	-	-	-	-	807
Total:	753	54	-	-	-	-	-	-	807
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	753	54	-	-	-	-	-	-	807
Total:	753	54	-	-	-	-	-	-	807

O&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 - 2023	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$10,512	Urban Village:	Not in an Urban Village

This project provides relocation and installation of power service infrastructure, such as feeder extensions, to support WSDOT's replacement of the State Route 520 Bridge from Montlake to I-5. This project is projected to be fully reimbursable by WSDOT.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	680	288	7,478	2,067	-	-	-	-	10,512
Total:	680	288	7,478	2,067	-	-	-	-	10,512
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	680	288	7,478	2,067	-	-	-	-	10,512
Total:	680	288	7,478	2,067	-	-	-	-	10,512

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

Stormwater Compliance

Project No:	MC-CL-YD9236	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:	
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing project funds the installation of lighted canopies and the associated drainage improvements that are necessary to bring City Light into compliance with the current rules and regulations. As a result of a City wide storm water audit and several surprise inspections from the Department of Ecology, it was discovered that there are several areas where measures are needed to bring City Light's storm water protection program into compliance. Some of our facilities drain directly to Superfund sites and the successful implementation of a compliant storm water system not only reduces our liability in the short term, but it has a direct impact on the amount of funding we may be ordered to provide for the cleanup of current and future Superfund sites. Currently, City Light stores raw materials (gravel, cold mix, backfill material, vegetative matter), salvage material (wire, metal products, electronics, transformers, poles) and warehouse materials (timbers, unfinished metal, galvanized poles) outside, where product can leach into the drainage systems.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	402	609	-	-	-	-	-	-	1,011
Total:	402	609	-	-	-	-	-	-	1,011
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	402	609	-	-	-	-	-	-	1,011
Total:	402	609	-	-	-	-	-	-	1,011

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	41,979	5,122	2,983	1,951	2,006	3,317	6,163	3,000	66,520
Total:	41,979	5,122	2,983	1,951	2,006	3,317	6,163	3,000	66,520
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	41,979	5,122	2,983	1,951	2,006	3,317	6,163	3,000	66,520
Total:	41,979	5,122	2,983	1,951	2,006	3,317	6,163	3,000	66,520

O&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 funds streetlights and floodlights requested by various taxing jurisdictions and other customers. Lights may be provided in public right of way and on private property, for either public or private benefit.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	41,922	3,016	4,334	2,967	2,658	3,209	4,559	8,648	71,313
Total:	41,922	3,016	4,334	2,967	2,658	3,209	4,559	8,648	71,313
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	41,922	3,016	4,334	2,967	2,658	3,209	4,559	8,648	71,313
Total:	41,922	3,016	4,334	2,967	2,658	3,209	4,559	8,648	71,313

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	9,672	1,260	1,275	1,311	1,332	1,353	1,487	1,581	19,272
Total:	9,672	1,260	1,275	1,311	1,332	1,353	1,487	1,581	19,272
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	9,672	1,260	1,275	1,311	1,332	1,353	1,487	1,581	19,272
Total:	9,672	1,260	1,275	1,311	1,332	1,353	1,487	1,581	19,272

O&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 provides 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 priority given to those with the highest risk of failure.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	50,523	9,775	4,181	8,037	5,566	5,492	5,940	6,742	96,255
Total:	50,523	9,775	4,181	8,037	5,566	5,492	5,940	6,742	96,255
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	50,523	9,775	4,181	8,037	5,566	5,492	5,940	6,742	96,255
Total:	50,523	9,775	4,181	8,037	5,566	5,492	5,940	6,742	96,255

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	14,552	2,201	2,199	2,789	2,402	2,297	2,330	3,028	31,797
Total:	14,552	2,201	2,199	2,789	2,402	2,297	2,330	3,028	31,797
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	14,552	2,201	2,199	2,789	2,402	2,297	2,330	3,028	31,797
Total:	14,552	2,201	2,199	2,789	2,402	2,297	2,330	3,028	31,797

O&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 - CIP
Project Category:	Improved 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	3,648	261	1,311	3,344	3,345	2,038	2,668	3,443	20,059
Total:	3,648	261	1,311	3,344	3,345	2,038	2,668	3,443	20,059
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	3,648	261	1,311	3,344	3,345	2,038	2,668	3,443	20,059
Total:	3,648	261	1,311	3,344	3,345	2,038	2,668	3,443	20,059

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

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 substation electrical and control equipment. The project also funds installation of remote control and monitoring of substation equipment from the System Control Center, which facilitates faster response time to correct system instability or outages. This work maintains and improves system reliability, permits compliance with high voltage and environmental regulations, and ensures safe work sites.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	58,040	6,854	6,117	6,478	7,732	6,186	6,153	8,164	105,724
Total:	58,040	6,854	6,117	6,478	7,732	6,186	6,153	8,164	105,724
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	58,040	6,854	6,117	6,478	7,732	6,186	6,153	8,164	105,724
Total:	58,040	6,854	6,117	6,478	7,732	6,186	6,153	8,164	105,724

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	9,096	1,608	1,108	932	1,020	1,040	831	1,051	16,686
Total:	9,096	1,608	1,108	932	1,020	1,040	831	1,051	16,686
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	9,096	1,608	1,108	932	1,020	1,040	831	1,051	16,686
Total:	9,096	1,608	1,108	932	1,020	1,040	831	1,051	16,686

O&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 project provides 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 prioritized by those with the highest risk of failure, or those presenting substation capacity limits. The project enhances system reliability by replacing aging substation transformers before they fail in service.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	13,621	10,219	5,050	2,626	3,086	4,789	4,877	6,413	50,681
Total:	13,621	10,219	5,050	2,626	3,086	4,789	4,877	6,413	50,681
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	13,621	10,219	5,050	2,626	3,086	4,789	4,877	6,413	50,681
Total:	13,621	10,219	5,050	2,626	3,086	4,789	4,877	6,413	50,681

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

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 periodically requested by other electrical utilities in the region.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	525	22	5	6	6	6	6	-	575
Total:	525	22	5	6	6	6	6	-	575
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	525	22	5	6	6	6	6	-	575
Total:	525	22	5	6	6	6	6	-	575

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	72	289	548	370	376	382	332	283	2,652
Total:	72	289	548	370	376	382	332	283	2,652
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	72	289	548	370	376	382	332	283	2,652
Total:	72	289	548	370	376	382	332	283	2,652

O&M Impacts: NA

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

Tolt Relicensing

Project No:	MC-CL-XC6985	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - CIP
Project Category:	Rehabilitation or Restoration	Location:	Tolt River Dam
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 the necessary documentation with the FERC by June 2027 to either acquire a new operating license for the Project or decommission it. South Fork Tolt Hydroelectric Project (the Project) FERC License expires in July 2029. Without a license the Project cannot be legally operated. The FERC relicensing process will require preparing and filing a Notice of Intent (NOi), Preliminary Application Document (PAD), and Preliminary and Final License Applications. The PAD, which is due in 2024, will be a substantial document requiring consultant assistance and additional City Light staff resources. Work began in 2021 to prepare the PAD and start the relicensing process. The main study phase of relicensing will occur in 2025 and 2026, which will require consultant and agency support for studies, reporting, and preparation of the license application which is due in 2027. If City Light were to decide to cease operating the Project instead of relicensing it, a Decommissioning Application would need to be filed, which requires many of the same elements and funding to complete this work.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	285	1,421	1,843	1,897	6,147	6,274	3,445	21,312
Total:	-	285	1,421	1,843	1,897	6,147	6,274	3,445	21,312
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	285	1,421	1,843	1,897	6,147	6,274	3,445	21,312
Total:	-	285	1,421	1,843	1,897	6,147	6,274	3,445	21,312

O&M Impacts:

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	10,684	1,952	630	780	730	730	918	1,239	17,664
Total:	10,684	1,952	630	780	730	730	918	1,239	17,664
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	10,684	1,952	630	780	730	730	918	1,239	17,664
Total:	10,684	1,952	630	780	730	730	918	1,239	17,664

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	5,215	24	24	38	15	16	16	21	5,370
Total:	5,215	24	24	38	15	16	16	21	5,370
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	5,215	24	24	38	15	16	16	21	5,370
Total:	5,215	24	24	38	15	16	16	21	5,370

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	3,013	612	567	598	583	585	615	704	7,276
Total:	3,013	612	567	598	583	585	615	704	7,276
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	3,013	612	567	598	583	585	615	704	7,276
Total:	3,013	612	567	598	583	585	615	704	7,276

O&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 6 - Closeout	Council District:	Citywide
Start/End Date:	2015 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$37,690	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	20,388	17,016	285	-	-	-	-	-	37,690
Total:	20,388	17,016	285	-	-	-	-	-	37,690
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	20,388	17,016	285	-	-	-	-	-	37,690
Total:	20,388	17,016	285	-	-	-	-	-	37,690

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

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 provides replacement and improvement of transmission structures and conductors. This work may include engineering, construction, and related work, as well as minor improvements to overhead or underground transmission system assets to improve reliability.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	32,017	1,896	3,064	3,922	3,108	2,835	3,559	3,519	53,920
Total:	32,017	1,896	3,064	3,922	3,108	2,835	3,559	3,519	53,920
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	32,017	1,896	3,064	3,922	3,108	2,835	3,559	3,519	53,920
Total:	32,017	1,896	3,064	3,922	3,108	2,835	3,559	3,519	53,920

O&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 Tower Refurbishment

Project No:	MC-CL-YT7130	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	Multiple
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 ongoing project provides the costs to refurbish and to extend the life of over 1,700 of steel transmission tower structures. This ongoing project funds programmatic painting and refurbishment of approximately 1,700 steel transmission tower structures. Metal transmission towers have a long life if properly maintained, while replacements are disruptive and can cost more than \$2 million per tower. establishes and implements a new, ongoing, systematic approach to repair and refurbish these critical assets for as long as we can before needing to perform a tower replacement project which would cost more than \$2.0 million per tower.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	3,177	1,800	4,800	4,800	4,800	4,800	4,800	28,977
Total:	-	3,177	1,800	4,800	4,800	4,800	4,800	4,800	28,977
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	3,177	1,800	4,800	4,800	4,800	4,800	4,800	28,977
Total:	-	3,177	1,800	4,800	4,800	4,800	4,800	4,800	28,977

O&M Impacts:

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

Transportation Electrification

Project No:	MC-CL-XF9239	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - 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 develops electrification infrastructure to support light-duty, medium-duty, and heavy-duty electric vehicles as well as ferry and port systems. Improvements will be developed based on feedback from customer engagement. Efforts are expected to support areas including electrified public transit, fleet electrification, and electric vehicle charging

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	1	5,929	3,180	7,380	10,230	9,880	8,623	7,624	52,847
Total:	1	5,929	3,180	7,380	10,230	9,880	8,623	7,624	52,847
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	1	5,929	3,180	7,380	10,230	9,880	8,623	7,624	52,847
Total:	1	5,929	3,180	7,380	10,230	9,880	8,623	7,624	52,847

O&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 funds relocation of streetlights that are displaced by City of Seattle transportation projects.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	21,651	6,207	6,784	5,486	5,628	5,992	6,140	7,301	65,189
Total:	21,651	6,207	6,784	5,486	5,628	5,992	6,140	7,301	65,189
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	21,651	6,207	6,784	5,486	5,628	5,992	6,140	7,301	65,189
Total:	21,651	6,207	6,784	5,486	5,628	5,992	6,140	7,301	65,189

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	9,197	3,245	1,005	1,714	3,586	2,939	2,985	3,032	27,703
Total:	9,197	3,245	1,005	1,714	3,586	2,939	2,985	3,032	27,703
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	9,197	3,245	1,005	1,714	3,586	2,939	2,985	3,032	27,703
Total:	9,197	3,245	1,005	1,714	3,586	2,939	2,985	3,032	27,703

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	49,662	4,180	3,079	3,127	3,176	3,226	3,276	3,327	73,054
Total:	49,662	4,180	3,079	3,127	3,176	3,226	3,276	3,327	73,054
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	49,662	4,180	3,079	3,127	3,176	3,226	3,276	3,327	73,054
Total:	49,662	4,180	3,079	3,127	3,176	3,226	3,276	3,327	73,054

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	84,081	21,600	17,045	31,160	36,170	39,702	30,543	31,193	291,494
Total:	84,081	21,600	17,045	31,160	36,170	39,702	30,543	31,193	291,494
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	84,081	21,600	17,045	31,160	36,170	39,702	30,543	31,193	291,494
Total:	84,081	21,600	17,045	31,160	36,170	39,702	30,543	31,193	291,494

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	20,889	1,898	1,350	1,374	1,397	1,422	2,248	1,471	32,050
Total:	20,889	1,898	1,350	1,374	1,397	1,422	2,248	1,471	32,050
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	20,889	1,898	1,350	1,374	1,397	1,422	2,248	1,471	32,050
Total:	20,889	1,898	1,350	1,374	1,397	1,422	2,248	1,471	32,050

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

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 may pay for a portion of this work.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	53,375	2,790	2,551	2,593	2,635	2,679	2,723	2,755	72,101
Total:	53,375	2,790	2,551	2,593	2,635	2,679	2,723	2,755	72,101
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	53,375	2,790	2,551	2,593	2,635	2,679	2,723	2,755	72,101
Total:	53,375	2,790	2,551	2,593	2,635	2,679	2,723	2,755	72,101

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	22,930	3,579	2,015	2,016	2,058	2,025	2,537	2,644	39,805
Total:	22,930	3,579	2,015	2,016	2,058	2,025	2,537	2,644	39,805
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	22,930	3,579	2,015	2,016	2,058	2,025	2,537	2,644	39,805
Total:	22,930	3,579	2,015	2,016	2,058	2,025	2,537	2,644	39,805

O&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 - 2028	Neighborhood District:	Northeast
Total Project Cost:	\$35,163	Urban Village:	University District

This project builds the infrastructure required 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. A portion of this project may be reimbursable by the University of Washington.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	481	1,682	6,000	12,000	10,000	5,000	35,163
Total:	-	-	481	1,682	6,000	12,000	10,000	5,000	35,163
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	481	1,682	6,000	12,000	10,000	5,000	35,163
Total:	-	-	481	1,682	6,000	12,000	10,000	5,000	35,163

O&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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	6,655	1,049	366	367	373	413	419	710	10,352
Total:	6,655	1,049	366	367	373	413	419	710	10,352
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	6,655	1,049	366	367	373	413	419	710	10,352
Total:	6,655	1,049	366	367	373	413	419	710	10,352

O&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 Next

Project No:	MC-CL-YD9520	BSL Code:	BC-CL-Y
Project Type:	Ongoing	BSL Name:	Transmission and Distribution - CIP
Project Category:	Improved Facility	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 project funds grant matching for the Utility Next portfolio, which aims to leverage stimulus and grant funding to augment and accelerate progress in grid modernization, renewable energy, electrification, and workforce development.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	-	-	1,000	4,300	5,220	7,150	6,390	5,000	29,060
Total:	-	-	1,000	4,300	5,220	7,150	6,390	5,000	29,060
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	-	-	1,000	4,300	5,220	7,150	6,390	5,000	29,060
Total:	-	-	1,000	4,300	5,220	7,150	6,390	5,000	29,060

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 5 - Execution (IT Only)	Council District:	Outside City of Seattle
Start/End Date:	2018 - 2022	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	211	639	-	-	-	-	-	-	850
Total:	211	639	-	-	-	-	-	-	850
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	211	639	-	-	-	-	-	-	850
Total:	211	639	-	-	-	-	-	-	850

O&M Impacts: NA

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Western Energy Imbalance Market

Project No:	MC-CL-XP9976	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	Stage 6 - Closeout	Council District:	Multiple
Start/End Date:	2017 - 2021	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	13,291	701	-	-	-	-	-	-	13,993
Total:	13,291	701	-	-	-	-	-	-	13,993
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	13,291	701	-	-	-	-	-	-	13,993
Total:	13,291	701	-	-	-	-	-	-	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 - 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
City Light Fund Revenues	8,661	1,992	451	734	732	732	739	946	14,988
Total:	8,661	1,992	451	734	732	732	739	946	14,988
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Light Fund	8,661	1,992	451	734	732	732	739	946	14,988
Total:	8,661	1,992	451	734	732	732	739	946	14,988

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

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
- 84 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) Capital Improvement Program (CIP) is the vehicle for rehabilitating, replacing, improving, and expanding this infrastructure, as well as constructing projects that protect and enhance our City's public health and environmental resources. Planned spending in the DWF CIP is approximately \$1.24 billion over the next six years, from 2022 to 2027.

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 flooding and stormwater pollution. Projects in the DWF CIP are guided by various Federal regulations, City policies, long-term plan documents, the Drainage Systems Analysis, the Wastewater System Analysis, and the SPU Asset Management Committee (AMC) benefit criteria. Many DWF CIP projects are outlined in the Plan to Protect Seattle's Waterways and Asset Management Plans. In addition to candidate capital projects identified from these planning documents, 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 protecting public health and safety, 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, based on an understanding of the consequence of a risk occurring and its likelihood. Examples of highly ranked projects in this category include the Pipe Rehabilitation and Pump Station improvement programs.

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- **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 Natural Drainage System (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 Seattle Department of Transportation’s Move Seattle projects.
- **Service Equity:** Factors in service equity are incorporated into the prioritization of potential projects in any program based on amalgamated data from the Office of Sustainability and Environment, including race, education, language and median income. Known disparities of historical service levels are also considered within racial equity planning tools such as stakeholder analyses and inclusive outreach planning.

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.

2022-2027 Proposed Capital Improvement Program

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- **Aligning Capital Investments with Seattle Department of Transportation’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.
 - 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. Early Green Infrastructure in Urban Villages projects include Cloverdale Bioretention (South Park neighborhood, construction 2021), Crown Hill GSI and Lake City Floodplain Park (Options Analysis in progress), and a variety of development partnerships.
 - 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

2022-2027 Proposed Drainage and Wastewater Fund CIP by BCL
(In ‘000s; total may not sum due to rounding)

BCL	2022	2023	2024	2025	2026	2027	Total
Protection of Beneficial Uses	20,911	39,473	47,444	50,010	41,235	36,677	235,749
Sediments	4,560	6,789	13,349	17,809	11,543	12,369	66,421
Combined Sewer Overflows	98,151	106,987	70,944	32,364	8,188	33,835	350,470
Rehabilitation	40,685	46,960	40,692	40,144	42,946	33,000	244,428
Flooding, Sewer Backup & Lndsl	29,967	13,292	30,188	18,829	32,865	47,925	173,066
Shared Cost Projects	15,345	34,550	38,263	21,544	19,731	11,278	140,711
Technology	4,299	4,299	4,299	4,299	4,299	4,299	25,794
Total	213,919	252,351	245,179	184,999	160,808	179,383	1,236,639

2022-2027 Proposed Capital Improvement Program

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 preserves 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. In some instances, these spills may 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 CSO Long Term Control Plan (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

2022-2027 Proposed Capital Improvement Program

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implementation of regulatory required plans such as the Plan to Protect Seattle’s Waterways. The largest project in the DWF CIP is the Ship Canal Water Quality Project (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 \$350 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 proposed 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.

2022-2027 Proposed Capital Improvement Program

SPU – Drainage and Wastewater

Shared Cost Projects: This program includes individual capital improvement projects which typically benefit multiple Lines of Business (LOB) (e.g. the Water LOB and the Drainage and Wastewater LOB) and whose costs are "shared," or paid for by more than one of SPU's utility funds.

The Proposed Budget for the Shared Cost program includes 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 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.

Investments in 2021 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 2022, 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

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.

2022-2027 Proposed Capital Improvement Program

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 2021 for the three-year period of 2022-2025.

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.

2022-2027 Proposed Capital Improvement Program

- **Inflow/Infiltration Reduction:** This focuses on filling in cracks in sewer lines that allow groundwater to enter the system. It also addresses parts of the system where there are direct stormwater connections to the sanitary sewer system which can/should be directed to a separated stormwater system. By reducing inflow/infiltration, it is possible to reduce the frequency and volume of SSOs and sewer backups.

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. SPU is unable to prioritize these programs at this time due to rate pressure caused by the significant costs of the federally mandated consent decree. 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.
- 3) **Climate Change:** increasing rainfall intensities resulting from climate change are increasing pressure on drainage and wastewater infrastructure leading to increased CSOs and driving the need for larger solutions and additional system improvements.

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 within the [Shape Our Water](#) plan. The result of this effort will be an integrated system plan, to better identify the highest priority locations and potential funding and financing strategies. The Shape Our Water project will provide a 50-year plan for managing and improving Seattle's drainage and wastewater systems and increasing our water resilience. 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 2023, 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.

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	9,370	1,636	966	11,559	17,372	13,768	10,880	10,000	75,551
Total:	9,370	1,636	966	11,559	17,372	13,768	10,880	10,000	75,551
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	9,370	1,636	966	11,559	17,372	13,768	10,880	10,000	75,551
Total:	9,370	1,636	966	11,559	17,372	13,768	10,880	10,000	75,551

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	8,572	5,329	4,158	185	-	-	-	-	18,245
Total:	8,572	5,329	4,158	185	-	-	-	-	18,245
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	8,572	5,329	4,158	185	-	-	-	-	18,245
Total:	8,572	5,329	4,158	185	-	-	-	-	18,245

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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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	5,667	2,032	1,272	1,224	5,893	7,525	10,095	10,077	43,785
Total:	5,667	2,032	1,272	1,224	5,893	7,525	10,095	10,077	43,785
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	5,667	2,032	1,272	1,224	5,893	7,525	10,095	10,077	43,785
Total:	5,667	2,032	1,272	1,224	5,893	7,525	10,095	10,077	43,785

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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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	23,505	5,369	112	-	-	-	-	-	28,987
Total:	23,505	5,369	112	-	-	-	-	-	28,987
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	23,505	5,369	112	-	-	-	-	-	28,987
Total:	23,505	5,369	112	-	-	-	-	-	28,987

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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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	22,587	3,195	2,978	4,249	4,069	6,929	7,065	16,725	67,798
Total:	22,587	3,195	2,978	4,249	4,069	6,929	7,065	16,725	67,798
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	22,587	3,195	2,978	4,249	4,069	6,929	7,065	16,725	67,798
Total:	22,587	3,195	2,978	4,249	4,069	6,929	7,065	16,725	67,798

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	230	770	2,250	2,250	2,250	2,250	2,250	2,000	14,250
Total:	230	770	2,250	2,250	2,250	2,250	2,250	2,000	14,250
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	230	770	2,250	2,250	2,250	2,250	2,250	2,000	14,250
Total:	230	770	2,250	2,250	2,250	2,250	2,250	2,000	14,250

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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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	3,190	4,295	1,256	827	4,545	6,070	6,210	33,177	59,570
Total:	3,190	4,295	1,256	827	4,545	6,070	6,210	33,177	59,570
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	3,190	4,295	1,256	827	4,545	6,070	6,210	33,177	59,570
Total:	3,190	4,295	1,256	827	4,545	6,070	6,210	33,177	59,570

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	14,888	1,322	310	201	250	250	250	500	17,970
Total:	14,888	1,322	310	201	250	250	250	500	17,970
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	14,888	1,322	310	201	250	250	250	500	17,970
Total:	14,888	1,322	310	201	250	250	250	500	17,970

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	23,474	17,832	18,673	26,690	24,179	28,717	20,260	16,600	176,424
Total:	23,474	17,832	18,673	26,690	24,179	28,717	20,260	16,600	176,424
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	23,474	17,832	18,673	26,690	24,179	28,717	20,260	16,600	176,424
Total:	23,474	17,832	18,673	26,690	24,179	28,717	20,260	16,600	176,424

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	17,062	1,149	100	-	-	-	-	-	18,311
Total:	17,062	1,149	100	-	-	-	-	-	18,311

Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	17,062	1,149	100	-	-	-	-	-	18,311
Total:	17,062	1,149	100	-	-	-	-	-	18,311

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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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	4,041	793	500	1,000	1,000	-	-	-	7,334
Total:	4,041	793	500	1,000	1,000	-	-	-	7,334
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	4,041	793	500	1,000	1,000	-	-	-	7,334
Total:	4,041	793	500	1,000	1,000	-	-	-	7,334

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	87,020	38,913	28,942	29,600	30,200	30,500	32,100	31,000	308,275
Total:	87,020	38,913	28,942	29,600	30,200	30,500	32,100	31,000	308,275
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	87,020	38,913	28,942	29,600	30,200	30,500	32,100	31,000	308,275
Total:	87,020	38,913	28,942	29,600	30,200	30,500	32,100	31,000	308,275

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	24,297	8,099	8,993	14,110	7,242	7,394	8,596	-	78,731
Total:	24,297	8,099	8,993	14,110	7,242	7,394	8,596	-	78,731
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	24,297	8,099	8,993	14,110	7,242	7,394	8,596	-	78,731
Total:	24,297	8,099	8,993	14,110	7,242	7,394	8,596	-	78,731

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	59,617	-	-	-	-	-	-	-	59,617
Total:	59,617	-	-	-	-	-	-	-	59,617
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	59,617	-	-	-	-	-	-	-	59,617
Total:	59,617	-	-	-	-	-	-	-	59,617

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	13,036	11,807	3,799	2,800	7,300	7,300	7,300	22,200	75,542
Total:	13,036	11,807	3,799	2,800	7,300	7,300	7,300	22,200	75,542
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	13,036	11,807	3,799	2,800	7,300	7,300	7,300	22,200	75,542
Total:	13,036	11,807	3,799	2,800	7,300	7,300	7,300	22,200	75,542

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	44,494	3,867	4,560	6,789	13,349	17,809	11,543	12,369	114,782
Total:	44,494	3,867	4,560	6,789	13,349	17,809	11,543	12,369	114,782
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	44,494	3,867	4,560	6,789	13,349	17,809	11,543	12,369	114,782
Total:	44,494	3,867	4,560	6,789	13,349	17,809	11,543	12,369	114,782

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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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	141,213	35,416	66,806	88,452	55,522	20,104	1,729	159	409,401
King County Funds	21,756	89,525	29,567	17,507	10,627	5,940	-	-	174,921
Total:	162,969	124,941	96,373	105,958	66,149	26,044	1,729	159	584,322
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	162,969	124,941	96,373	105,958	66,149	26,044	1,729	159	584,322
Total:	162,969	124,941	96,373	105,958	66,149	26,044	1,729	159	584,322

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	23,212	23,008	19,032	6,058	18,819	4,600	18,500	9,000	122,229
Total:	23,212	23,008	19,032	6,058	18,819	4,600	18,500	9,000	122,229
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	23,212	23,008	19,032	6,058	18,819	4,600	18,500	9,000	122,229
Total:	23,212	23,008	19,032	6,058	18,819	4,600	18,500	9,000	122,229

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	7,607	-	-	-	-	-	-	-	7,607
Total:	7,607	-	-	-	-	-	-	-	7,607
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	7,607	-	-	-	-	-	-	-	7,607
Total:	7,607	-	-	-	-	-	-	-	7,607

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

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 \$85 million over the next six years, from 2022 through 2027.

Major anticipated projects include:

- Cleanup of the historic South Park Landfill (2023-2025) at the South Park Development Project.
- Minimum operational improvements prior to the full redevelopment of the old South Transfer Station campus (2023-2025).

These projects comprise approximately 62% of the SWF CIP. Other significant projects include the Waste Removal project at the Midway Landfill, replacing two compactors, major repair to the South transfer Station tipping floor, drainage improvements at both Transfer Stations, 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 and extending the useful life of the two transfer stations.

- 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

2022-2027 Proposed 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 or Consent Decrees).

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 example 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 operational improvements at the South Transfer Station.
- **Level of Service:** The importance of this project in providing or improving services to customers. An example of a highly ranked project in this category is the replacement of two compactors at the transfer stations.
- **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

2022-2027 Proposed Solid Waste Fund CIP by BCL

(In '000s; total may not sum due to rounding)

BCL	2022	2023	2024	2025	2026	2027	Total
New Facilities	6,156	13,009	14,988	4,147	1,503	300	40,102
Rehabilitation & Heavy Eqpt	2,450	550	1,850	350	250	200	5,650
Shared Cost Projects	4,561	2,550	2,517	795	823	338	11,584
Technology	1,508	1,508	1,508	1,507	1,508	1,508	9,045
Total	14,675	17,616	20,862	6,800	4,084	2,345	66,381

New Facilities: This program includes the planning, design, and construction of new facilities to enhance solid waste operations. In 2022, SPU will continue to implement its Solid Waste Facilities Master Plan. The key project drivers of the New Facilities budget are the South Park Development (landfill cleanup) and the South Transfer Station operational improvements 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. In 2022, the key drivers of this budget level are the Midway projects and new funding for the Solid Waste 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. For 2022, the 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.

Investments in 2022 address several of SPU's key initiatives, including:

- Financial Management and Internal Controls;
- Operational Excellence and Performance Management;
- Easy and Engaged Customer Experience;
- Data-driven Decision Support; and
- Project Delivery/Project Controls.

2022-2027 Proposed Capital Improvement Program

In 2022, 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 last issued debt in 2014, 2015, and 2016, and refunded 2011 bond debt in 2021. SPU is not planning any SWF bond issuances 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 operational improvements at the old South Transfer Station. 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 remediating the South Park Landfill and must continue to use the site for trailer parking and household hazardous waste collection during construction.
- Financial Challenges: Operational improvements at the old South Transfer Station 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 disposal services.

Future Projects/What is on the Horizon

Once the South Park Landfill cleanup work and South Transfer Station operational improvements are completed, SPU will begin a thorough planning process to guide the future redevelopment of the South Transfer Station campus. The planning will take broader City needs into consideration before selecting a redevelopment scenario. Spending for the future development will be better defined over the next 3-5 years.

2022-2027 Proposed Capital Improvement Program

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 studies to demonstrate the effectiveness of the Kent Highlands landfill closure project, as well as various landfill improvements. The environmental 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, water treatment and mitigating earthquake risks associated with steep slopes.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Rates	640	68	250	250	1,500	50	50	100	2,907
Total:	640	68	250	250	1,500	50	50	100	2,907
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Fund	640	68	250	250	1,500	50	50	100	2,907
Total:	640	68	250	250	1,500	50	50	100	2,907

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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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 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. The largest effort under this program is the Midway landfill improvement project that funds removal of waste in the WSDOT Right of Way to allow construction of two additional lanes on I-5 and the Sound Transit Federal Way Link project. This is a joint project involving Sound Transit, WSDOT and SPU it is regulated by the Department of Ecology under a Consent Decree Amendment.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Rates	997	12,315	2,100	250	250	50	50	50	16,062
Water Rates	-	1,500	-	-	-	-	-	-	1,500
Total:	997	13,815	2,100	250	250	50	50	50	17,562
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Fund	997	13,815	2,100	250	250	50	50	50	17,562
Total:	997	13,815	2,100	250	250	50	50	50	17,562

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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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 replacement of the wear surface on the STS tipping floor, replacement of the large refuse compactors and replacement of HVAC/Life Safety components.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Rates	4,962	250	4,656	2,042	2,952	300	1,300	300	16,762
Total:	4,962	250	4,656	2,042	2,952	300	1,300	300	16,762
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Fund	4,962	250	4,656	2,042	2,952	300	1,300	300	16,762
Total:	4,962	250	4,656	2,042	2,952	300	1,300	300	16,762

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Rates	110,231	-	-	-	-	-	-	-	110,231
Total:	110,231	-	-	-	-	-	-	-	110,231
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Fund	110,231	-	-	-	-	-	-	-	110,231
Total:	110,231	-	-	-	-	-	-	-	110,231

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

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 3 - Design	Council District:	Council District 1
Start/End Date:	2007 - 2026	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 Consent Decree with the Washington Department of Ecology for remediation of the historic South Park Landfill. This project is tied to the STS 2 project and some redesign of remedial elements will be required and construction has been delayed three years to 2023.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Rates	5,836	6,000	600	7,100	6,800	500	100	-	26,936
Total:	5,836	6,000	600	7,100	6,800	500	100	-	26,936
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Fund	5,836	6,000	600	7,100	6,800	500	100	-	26,936
Total:	5,836	6,000	600	7,100	6,800	500	100	-	26,936

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

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

SPU postponed South Transfer Station phase construction and a smaller project is proceeding to complete cleanup work at the old South Park Landfill. SPU decided to postpone development plans (including the construction of the recycling facility) to allow a more holistic evaluation of future needs and job opportunities that best support our zero-waste vision. A recycling facility may still be included in the future plans, but partial development of the site at this time could severely limit what we can do in the future. The scope of the project has been reduced to only include the remediation of the South Park Landfill (required under a Consent Decree), minimal operational improvements, and a path along 5th Avenue to mitigate the street vacation at the new South Transfer Station. The reduced STS2 project will be designed during 2021-2022 and constructed in 2023.

Future site development plans will happen over the next 5 years in a parallel process.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Rates	7,373	16,177	900	3,867	5,236	3,347	103	-	37,002
Water Rates	-	(1,500)	-	-	-	-	-	-	(1,500)
Total:	7,373	14,677	900	3,867	5,236	3,347	103	-	35,502
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Fund	7,373	14,677	900	3,867	5,236	3,347	103	-	35,502
Total:	7,373	14,677	900	3,867	5,236	3,347	103	-	35,502

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Rates	490	25	100	50	100	250	150	50	1,215
Total:	490	25	100	50	100	250	150	50	1,215
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Solid Waste Fund	490	25	100	50	100	250	150	50	1,215
Total:	490	25	100	50	100	250	150	50	1,215

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

Seattle Public Utilities

Water

Overview

SPU delivers an average of approximately 124 million gallons of drinking water per day to 1.5 million people and businesses in Seattle and 21 suburban water districts and municipalities, plus the Cascade Water Alliance. The water system infrastructure includes:

- The Cedar and South Fork Tolt supply sources (dams, reservoirs, etc.);
- Three groundwater wells;
- Two primary water treatment plants;
- 11 booster chlorination facilities;
- 325 million gallons of treated water storage;
- 30 pump stations;
- 1,823 miles of transmission and distribution system pipelines;
- Almost 200,000 meters and service connections;
- More than 17,000 distribution system valves;
- About 19,000 hydrants;
- Monitoring and control systems; and,
- Various buildings and other related facilities.

In addition to replacing and improving the supply, treatment, transmission and distribution systems, the capital program includes investments in watershed stewardship projects, Cedar River Watershed Habitat Conservation Plan implementation, water conservation programs, vehicles, heavy equipment, and technology.

Planned spending in the Water Capital Improvement Program (CIP) is \$757 million over the next six years. Major projects include:

- Water system improvements associated with transportation projects, including Move Seattle; Madison Street Bus Rapid Transit; East Marginal Way Heavy Haul Corridor; Roosevelt Eastlake Rapid Ride;
- Operational and Regional Facility construction;
- Replacement of the Bitter Lake and Lake Forest Park Reservoirs covers;
- Seismic upgrades of the Eastside and Riverton Reservoirs, Magnolia Tank, and the Cedar River Transmission Pipeline near Renton;
- Pump station improvements at Spokane Pump Station;
- Addressing a slide area through which the Tolt Pipelines pass, upstream of the Tolt Treatment Plant.

The 2022-2027 Proposed CIP also includes many ongoing programs, such as improving the distribution and transmission system water mains, valves, steel storage tanks, and pump stations; watershed stewardship and conservation projects and programs; and facilities, vehicles, and heavy equipment investments. In addition, it includes continued funding for the water system seismic improvement program and funding for dam safety studies and upgrade projects.

SPU funds Water capital projects through a combination of cash and the 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's approved 2019 Water System Plan, a Washington Department of Health (WDOH) regulatory requirement, describes how SPU meets current and future water demands, ensures

2022-2027 Proposed Capital Improvement Program

high quality drinking water, and invests in and maintains its water system at the lowest life-cycle cost 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 dam safety upgrades 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 SR 520 Rest of the West phase and the Bitter Lake Reservoir improvement project.
- **Infrastructure:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include watermain Rehabilitation, seismic upgrades 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.

In addition to SPU’s internal review process described above, most of SPU’s wholesale customers participate in an Operating Board, and through that Board, conduct an annual review of a subset of SPU’s CIP projects, particularly those involving regional assets and impacting wholesale rates.

CIP Spending by Major Category

(In '000s; total may not sum due to rounding)

Water Fund	2022	2023	2024	2025	2026	2027	Total
Distribution	35,688	44,375	50,675	51,248	59,406	70,448	311,840
Transmission	16,514	12,604	17,623	22,368	9,407	7,639	90,430
Watershed Stewardship	2,170	414	335	328	958	425	3,090
Water Quality & Treatment	3,605	2,120	5,261	23,750	20,250	23,000	63,143
Water Resources	7,053	10,646	9,989	30,970	28,375	15,764	36,797
Habitat Conservation Program	2,604	1,126	1,030	925	1,058	75	8,409
Shared Cost Projects	24,088	28,218	43,372	32,374	16,261	17,652	217,703
Technology	4,244	4,244	4,244	4,243	4,244	4,244	25,439
Grand Total	95,966	103,745	132,529	166,205	139,958	139,246	756,850

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 2022 are primarily due to shifting seismic improvements and pump station improvements to later years in the 6-year CIP. These decreases are offset by increased investments in water main extension projects at multiple worksites across Seattle's retail area. In 2022 to 2027, the budget increases to rehabilitate and replace water mains because more of this large asset class is reaching the end of its service life.

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 our wholesale customers that purchase a portion of SPU's supply for their retail customers.

Increases in the **Transmission BCL** in 2022 are primarily due to construction of an approximately 2550-foot-long section of rehabilitated raw water pipeline to re-establish functionality and dependability of this raw water transmission supply line through an area of historic slope instability and seismic vulnerability,

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and scope changes for 430 Pipeline Improvement project that includes more pipeline length and mortar repairs after pipeline inspection.

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, providing roughly 35% of SPU’s drinking water supply. 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** in 2022 are due largely to the S. Fork Tolt River Watershed, which is required to satisfy State regulatory requirements. In addition to providing fish passage, this program will reduce the potential for excessive sedimentation, catastrophic infrastructure (i.e. forest road) failure, and impacts to drinking water quality. The increase of \$425K in 2027 is for anticipated bridge replacement project and road work.

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 treated water that is distributed directly to Seattle retail and wholesale customers for drinking purposes.

The shift in the **Water Quality & Treatment BCL** in 2022-2024 to 2025-2027 is due to an updated cashflow projection for the Lake Forest Park Reservoir Covering Project and Bitter Lake Reservoir Covering Project. The plan is for another floating cover at Lake Forest Park instead of the aluminum roof previously considered. Construction of the Lake Forest Park Reservoir replacement cover began in 2021 and will be completed in 2022. The Bitter Lake Reservoir improvement is anticipated to start towards the end of 2023.

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 programs/projects in this category include the Dam Safety Program and Sockeye Broodstock Weir and other improvements associated with the hatchery and fish ladder.

Decreases in the **Water Resources BCL** in 2022 are due to the Broodstock Collection Facility Retrofit being delayed. The increase in 2023-27 are due to dam safety projects such as the Tolt Early Warning System Upgrade and Tolt Debris Boom, which are both to comply with Federal Energy Regulatory Commission (FERC) requirements. The \$25M increase in 2025 and 2026 are a result of projects under development in the Dam Safety program, one of which is also a FERC requirement.

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 the **Habitat Conservation Program BCL** in 2022 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 Cedar River HCP commitments. All expenditures except for those offset by grant revenue are HCP mitigation requirements.

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, SR520 Rest of the West and the Roosevelt Eastlake Rapid Ride. Funding is also included for SPU's Heavy Equipment Purchases and several smaller projects.

Decrease in the **Shared Cost Projects BCL** in 2022 is primarily due to delays in the Center City Streetcar. Projects in the Move Seattle Levy, heavy equipment purchases and other facility construction projects such as retrofits/upgrades to older operational buildings are continued in the out-years.

Technology: The Technology capital portfolio is managed in six program areas, which provide a department-wide view of technology investments to address SPU's strategic, business, and City-wide priorities. These areas are:

- Customer Contact and Billing
- Enterprise Information Management
- IT Infrastructure
- Project Delivery & Performance
- Science & System Performance
- Asset Information Management

Investments in 2022 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 2022, 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 75% of the Water Fund’s Operating revenues come from retail ratepayers, split approximately evenly between residential and commercial customers. Another 20% of the Water Fund’s overall revenues come from wholesale purveyors who serve surrounding jurisdictions. The remaining 5% 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 70% 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 continues its transition from a period of building large capital projects to a time of physical infrastructure rehabilitation including

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those driven by dam safety regulations and seismic upgrades. 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 2022-2027 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 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 completed a seismic analysis in 2018 that defined recovery time to agreed levels of service and developed a prioritized list of recommended investments to improve resiliency. Initial funding to begin implementation of those improvements is included in this capital program (Eastside and Riverton Reservoirs, Magnolia Tank, and the Cedar River Transmission Pipeline near Renton) while others will be developed over the course of the

next several decades. Likewise, initial funding to plan and begin implementation of Dam Safety programs, including those tied to regulatory requirements and seismic risk, are included in this capital program.

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	503	160	165	170	175	180	185	-	1,538
Total:	503	160	165	170	175	180	185	-	1,538
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	503	160	165	170	175	180	185	-	1,538
Total:	503	160	165	170	175	180	185	-	1,538

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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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	11,342	-	-	-	-	-	-	-	11,342
Total:	11,342	-	-	-	-	-	-	-	11,342
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	11,342	-	-	-	-	-	-	-	11,342
Total:	11,342	-	-	-	-	-	-	-	11,342

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

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	3,783	3,073	3,410	1,944	1,363	3,284	862	4,054	21,772
Total:	3,783	3,073	3,410	1,944	1,363	3,284	862	4,054	21,772
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	3,783	3,073	3,410	1,944	1,363	3,284	862	4,054	21,772
Total:	3,783	3,073	3,410	1,944	1,363	3,284	862	4,054	21,772

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 program 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 program area 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	1,787	950	400	10	100	135	351	322	4,055
Total:	1,787	950	400	10	100	135	351	322	4,055
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	1,787	950	400	10	100	135	351	322	4,055
Total:	1,787	950	400	10	100	135	351	322	4,055

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	255	60	5	5	5	5	5	5	345
Total:	255	60	5	5	5	5	5	5	345
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	255	60	5	5	5	5	5	5	345
Total:	255	60	5	5	5	5	5	5	345

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

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 program 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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	3,580	5,059	4,939	8,285	6,281	25,413	25,663	12,633	91,853
Total:	3,580	5,059	4,939	8,285	6,281	25,413	25,663	12,633	91,853
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	3,580	5,059	4,939	8,285	6,281	25,413	25,663	12,633	91,853
Total:	3,580	5,059	4,939	8,285	6,281	25,413	25,663	12,633	91,853

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

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 program 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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	413	113	117	120	122	124	127	129	1,265
Total:	413	113	117	120	122	124	127	129	1,265
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	413	113	117	120	122	124	127	129	1,265
Total:	413	113	117	120	122	124	127	129	1,265

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	244	2,350	2,498	1,798	2,270	2,000	2,000	4,000	17,161
Total:	244	2,350	2,498	1,798	2,270	2,000	2,000	4,000	17,161
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	244	2,350	2,498	1,798	2,270	2,000	2,000	4,000	17,161
Total:	244	2,350	2,498	1,798	2,270	2,000	2,000	4,000	17,161

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 program 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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	1,902	366	300	300	300	300	300	300	4,067
Total:	1,902	366	300	300	300	300	300	300	4,067
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	1,902	366	300	300	300	300	300	300	4,067
Total:	1,902	366	300	300	300	300	300	300	4,067

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

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	-	1,500	600	1,500	2,000	1,400	1,000	1,275	9,275
Total:	-	1,500	600	1,500	2,000	1,400	1,000	1,275	9,275
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	-	1,500	600	1,500	2,000	1,400	1,000	1,275	9,275
Total:	-	1,500	600	1,500	2,000	1,400	1,000	1,275	9,275

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.

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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	16,397	150	1,070	4	-	-	-	-	17,621
Total:	16,397	150	1,070	4	-	-	-	-	17,621
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	16,397	150	1,070	4	-	-	-	-	17,621
Total:	16,397	150	1,070	4	-	-	-	-	17,621

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

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	1,061	283	292	404	235	193	607	103	3,177
Total:	1,061	283	292	404	235	193	607	103	3,177
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	1,061	283	292	404	235	193	607	103	3,177
Total:	1,061	283	292	404	235	193	607	103	3,177

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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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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	1,355	4,754	50	250	1,250	3,050	-	-	10,709
Total:	1,355	4,754	50	250	1,250	3,050	-	-	10,709
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	1,355	4,754	50	250	1,250	3,050	-	-	10,709
Total:	1,355	4,754	50	250	1,250	3,050	-	-	10,709

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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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 program provides research and monitoring to examine the effects of instream flows on salmon species in the Cedar River. This ongoing program 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 program is a requirement of the Cedar River Habitat Conservation Plan (HCP).

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	1,849	100	100	100	100	100	100	-	2,449
Total:	1,849	100	100	100	100	100	100	-	2,449
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	1,849	100	100	100	100	100	100	-	2,449
Total:	1,849	100	100	100	100	100	100	-	2,449

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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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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	1	1,000	500	500	500	500	500	500	4,001
Total:	1	1,000	500	500	500	500	500	500	4,001
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	1	1,000	500	500	500	500	500	500	4,001
Total:	1	1,000	500	500	500	500	500	500	4,001

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	1,581	1,296	778	4,862	6,814	618	450	450	16,849
Total:	1,581	1,296	778	4,862	6,814	618	450	450	16,849
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	1,581	1,296	778	4,862	6,814	618	450	450	16,849
Total:	1,581	1,296	778	4,862	6,814	618	450	450	16,849

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	204	226	100	100	110	120	130	135	1,125
Total:	204	226	100	100	110	120	130	135	1,125
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	204	226	100	100	110	120	130	135	1,125
Total:	204	226	100	100	110	120	130	135	1,125

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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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 program 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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	26,584	1,780	1,183	1,212	1,243	1,274	1,306	1,338	35,920
Total:	26,584	1,780	1,183	1,212	1,243	1,274	1,306	1,338	35,920
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	26,584	1,780	1,183	1,212	1,243	1,274	1,306	1,338	35,920
Total:	26,584	1,780	1,183	1,212	1,243	1,274	1,306	1,338	35,920

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	1,109	242	140	145	150	155	160	165	2,265
Total:	1,109	242	140	145	150	155	160	165	2,265
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	1,109	242	140	145	150	155	160	165	2,265
Total:	1,109	242	140	145	150	155	160	165	2,265

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-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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	441	1,200	1,200	1,700	5,000	23,500	20,000	23,000	76,041
Total:	441	1,200	1,200	1,700	5,000	23,500	20,000	23,000	76,041
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	441	1,200	1,200	1,700	5,000	23,500	20,000	23,000	76,041
Total:	441	1,200	1,200	1,700	5,000	23,500	20,000	23,000	76,041

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-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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	1,167	10,047	2,155	170	11	-	-	-	13,550
Total:	1,167	10,047	2,155	170	11	-	-	-	13,550
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	1,167	10,047	2,155	170	11	-	-	-	13,550
Total:	1,167	10,047	2,155	170	11	-	-	-	13,550

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

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	5,117	1,082	681	698	715	733	752	770	10,549
Total:	5,117	1,082	681	698	715	733	752	770	10,549
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	5,117	1,082	681	698	715	733	752	770	10,549
Total:	5,117	1,082	681	698	715	733	752	770	10,549

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

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 program 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 program is a requirement under the Cedar River Habitat Conservation Plan (HCP).

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	4,345	98	98	155	152	39	40	-	4,928
Total:	4,345	98	98	155	152	39	40	-	4,928
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	4,345	98	98	155	152	39	40	-	4,928
Total:	4,345	98	98	155	152	39	40	-	4,928

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	5,840	1,846	950	4,000	12,250	8,675	3,300	13,150	50,011
Total:	5,840	1,846	950	4,000	12,250	8,675	3,300	13,150	50,011
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	5,840	1,846	950	4,000	12,250	8,675	3,300	13,150	50,011
Total:	5,840	1,846	950	4,000	12,250	8,675	3,300	13,150	50,011

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	51	449	1,479	-	-	-	-	-	1,979
Total:	51	449	1,479	-	-	-	-	-	1,979

Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	51	449	1,479	-	-	-	-	-	1,979
Total:	51	449	1,479	-	-	-	-	-	1,979

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

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	8,481	13,215	11,678	7,575	1,756	1,759	1,800	1,850	48,113
Total:	8,481	13,215	11,678	7,575	1,756	1,759	1,800	1,850	48,113
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	8,481	13,215	11,678	7,575	1,756	1,759	1,800	1,850	48,113
Total:	8,481	13,215	11,678	7,575	1,756	1,759	1,800	1,850	48,113

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	-	1,600	1,050	2,800	14,200	17,000	6,400	1,375	44,425
Total:	-	1,600	1,050	2,800	14,200	17,000	6,400	1,375	44,425
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	-	1,600	1,050	2,800	14,200	17,000	6,400	1,375	44,425
Total:	-	1,600	1,050	2,800	14,200	17,000	6,400	1,375	44,425

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

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	1,310	1,967	250	250	250	250	250	-	4,527
Total:	1,310	1,967	250	250	250	250	250	-	4,527
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	1,310	1,967	250	250	250	250	250	-	4,527
Total:	1,310	1,967	250	250	250	250	250	-	4,527

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 program provides upland forest restoration in the Cedar River Watershed, including ecological and restoration thinning, conifer planting, forest inventory and modeling, and species monitoring. This program is a requirement under the Cedar River Habitat Conservation Plan (HCP).

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	2,770	120	123	125	128	130	133	-	3,529
Total:	2,770	120	123	125	128	130	133	-	3,529
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	2,770	120	123	125	128	130	133	-	3,529
Total:	2,770	120	123	125	128	130	133	-	3,529

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-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 program 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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	1,768	781	235	239	244	249	254	259	4,029
Total:	1,768	781	235	239	244	249	254	259	4,029
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	1,768	781	235	239	244	249	254	259	4,029
Total:	1,768	781	235	239	244	249	254	259	4,029

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 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 program 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 program also 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	254	14	50	50	50	50	50	50	567
Total:	254	14	50	50	50	50	50	50	567
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	254	14	50	50	50	50	50	50	567
Total:	254	14	50	50	50	50	50	50	567

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 program 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 program meets City responsibility for new service connections in the Seattle Municipal Code (SMC) to provide reliable drinking water supply to customers.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	24,739	8,806	7,428	7,428	7,577	7,883	8,000	8,000	79,860
Total:	24,739	8,806	7,428	7,428	7,577	7,883	8,000	8,000	79,860
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	24,739	8,806	7,428	7,428	7,577	7,883	8,000	8,000	79,860
Total:	24,739	8,806	7,428	7,428	7,577	7,883	8,000	8,000	79,860

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-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 program 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 program improves Seattle's water system and extends the life of the water distribution system.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	16,621	6,193	6,317	6,443	6,572	6,704	6,838	6,704	62,391
Total:	16,621	6,193	6,317	6,443	6,572	6,704	6,838	6,704	62,391
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	16,621	6,193	6,317	6,443	6,572	6,704	6,838	6,704	62,391
Total:	16,621	6,193	6,317	6,443	6,572	6,704	6,838	6,704	62,391

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 program 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 program is that water service is provided to new housing and businesses throughout Seattle.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	4,640	2,598	2,016	2,057	2,098	2,140	2,183	2,226	19,958
Total:	4,640	2,598	2,016	2,057	2,098	2,140	2,183	2,226	19,958
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	4,640	2,598	2,016	2,057	2,098	2,140	2,183	2,226	19,958
Total:	4,640	2,598	2,016	2,057	2,098	2,140	2,183	2,226	19,958

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 Supply Flexibility Program

Project No:	MC-SU-C1507	BSL Code:	BC-SU-C150B
Project Type:	Ongoing	BSL Name:	Water Resources
Project Category:	New Investment	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 program improves water system performance, reliability, and flexibility during severe weather events, supply and infrastructure emergencies, as well as enhancing environmental performance for fish and supporting regulatory and policy compliance in these areas. Project improvements include Tolt Reservoir Temperature and the Overflow Dike in Chester Morse Lake, and may include but are not limited to, dam integrity and alternatives to improved crest control, reservoir water temperature, and water quality management. In addition, the S. Fork Tolt Dam is up for relicensing under the Federal Energy Regulatory Commission (FERC), which expires July 19, 2029. The relicensing process will take 5-7 years depending on the relicensing approach taken with Seattle City Light and FERC. Seattle City Light is the Tolt Dam license holder and will lead the relicensing effort but significant support from SPU is anticipated. Both utilities (SPU/SCL) are establishing CIP numbers budgeted for the relicensing process.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	356	400	200	200	500	500	500	500	3,156
Total:	356	400	200	200	500	500	500	500	3,156
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	356	400	200	200	500	500	500	500	3,156
Total:	356	400	200	200	500	500	500	500	3,156

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

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	25	35	136	40	45	50	55	60	446
Total:	25	35	136	40	45	50	55	60	446
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	25	35	136	40	45	50	55	60	446
Total:	25	35	136	40	45	50	55	60	446

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 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 ten 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	404	-	-	-	-	-	155	522	1,081
Total:	404	-	-	-	-	-	155	522	1,081
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	404	-	-	-	-	-	155	522	1,081
Total:	404	-	-	-	-	-	155	522	1,081

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

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 program 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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	25,578	7,542	13,895	15,072	9,874	20,600	34,400	33,400	160,361
Total:	25,578	7,542	13,895	15,072	9,874	20,600	34,400	33,400	160,361
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	25,578	7,542	13,895	15,072	9,874	20,600	34,400	33,400	160,361
Total:	25,578	7,542	13,895	15,072	9,874	20,600	34,400	33,400	160,361

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

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 program provides forest road improvements and decommissioning in the Cedar River Watershed. The purpose of this program is to reduce the delivery of sediment into the waterways in the watershed to protect both aquatic habitat and water quality. This program is a requirement under the Cedar River Watershed Habitat Conservation Plan (HCP).

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	7,231	847	1,048	572	475	475	600	75	11,323
Total:	7,231	847	1,048	572	475	475	600	75	11,323
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	7,231	847	1,048	572	475	475	600	75	11,323
Total:	7,231	847	1,048	572	475	475	600	75	11,323

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

Shared & Technology Projects

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	5,401	1,407	1,074	1,128	957	461	428	485	11,341
Solid Waste Rates	2,011	130	18	46	59	33	1	-	2,298
Water Rates	2,312	304	247	162	136	301	241	290	3,993
Total:	9,724	1,841	1,338	1,336	1,152	795	670	775	17,632
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	5,401	1,407	1,074	1,128	957	461	428	485	11,341
Solid Waste Fund	2,011	130	18	46	59	33	1	-	2,298
Water Fund	2,312	304	247	162	136	301	241	290	3,993
Total:	9,724	1,841	1,338	1,336	1,152	795	670	775	17,632

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	50,752	5,899	948	281	116	23	-	-	58,019
Water Rates	24,259	1,226	537	161	71	-	-	-	26,254
Total:	75,011	7,126	1,485	442	188	23	-	-	84,273
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	50,752	5,899	948	281	116	23	-	-	58,019
Water Fund	24,259	1,226	537	161	71	-	-	-	26,254
Total:	75,011	7,126	1,485	442	188	23	-	-	84,273

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	1,484	1,190	860	860	860	860	860	860	7,834
Solid Waste Rates	878	367	300	300	300	300	300	300	3,045
Water Rates	1,373	2,037	840	840	840	840	840	840	8,451
Total:	3,735	3,594	2,000	2,000	2,000	2,000	2,000	2,000	19,330
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	1,484	1,190	860	860	860	860	860	860	7,834
Solid Waste Fund	878	367	300	300	300	300	300	300	3,045
Water Fund	1,373	2,037	840	840	840	840	840	840	8,451
Total:	3,735	3,594	2,000	2,000	2,000	2,000	2,000	2,000	19,330

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	4,444	4,019	430	430	430	430	430	430	11,043
Solid Waste Rates	2,591	1,786	150	150	150	150	150	150	5,278
Water Rates	4,422	3,566	420	420	420	420	420	420	10,508
Total:	11,458	9,371	1,000	1,000	1,000	1,000	1,000	1,000	26,829
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	4,444	4,019	430	430	430	430	430	430	11,043
Solid Waste Fund	2,591	1,786	150	150	150	150	150	150	5,278
Water Fund	4,422	3,566	420	420	420	420	420	420	10,508
Total:	11,458	9,371	1,000	1,000	1,000	1,000	1,000	1,000	26,829

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	1	-	-	-	-	-	-	-	1
Total:	1	-	-	-	-	-	-	-	1
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	1	-	-	-	-	-	-	-	1
Total:	1	-	-	-	-	-	-	-	1

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	775	2,160	860	860	860	860	860	860	8,095
Solid Waste Rates	183	524	300	300	300	300	300	300	2,507
Water Rates	610	1,670	840	840	840	840	840	840	7,320
Total:	1,568	4,354	2,000	2,000	2,000	2,000	2,000	2,000	17,922
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	775	2,160	860	860	860	860	860	860	8,095
Solid Waste Fund	183	524	300	300	300	300	300	300	2,507
Water Fund	610	1,670	840	840	840	840	840	840	7,320
Total:	1,568	4,354	2,000	2,000	2,000	2,000	2,000	2,000	17,922

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	20,466	3,638	4,201	2,860	3,964	3,352	2,085	1,098	41,665
Solid Waste Rates	13,609	2,585	3,485	1,593	1,597	617	707	338	24,530
Water Rates	22,552	4,305	5,484	5,484	3,667	6,739	1,991	1,001	51,221
Total:	56,627	10,528	13,169	9,937	9,228	10,708	4,783	2,436	117,417
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	20,466	3,638	4,201	2,860	3,964	3,352	2,085	1,098	41,665
Solid Waste Fund	13,609	2,585	3,485	1,593	1,597	617	707	338	24,530
Water Fund	22,552	4,305	5,484	5,484	3,667	6,739	1,991	1,001	51,221
Total:	56,627	10,528	13,169	9,937	9,228	10,708	4,783	2,436	117,417

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	1,700	138	250	250	250	250	250	250	3,338
Water Rates	899	632	360	360	360	360	360	360	3,692
Total:	2,599	770	610	610	610	610	610	610	7,030
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	1,700	138	250	250	250	250	250	250	3,338
Water Fund	899	632	360	360	360	360	360	360	3,692
Total:	2,599	770	610	610	610	610	610	610	7,030

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	905	1,065	730	730	730	730	730	730	6,350
Solid Waste Rates	315	395	263	263	263	263	263	263	2,285
Water Rates	1,524	715	758	758	758	758	758	758	6,784
Total:	2,743	2,175	1,750	1,750	1,750	1,750	1,750	1,750	15,418
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	905	1,065	730	730	730	730	730	730	6,350
Solid Waste Fund	315	395	263	263	263	263	263	263	2,285
Water Fund	1,524	715	758	758	758	758	758	758	6,784
Total:	2,743	2,175	1,750	1,750	1,750	1,750	1,750	1,750	15,418

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	7,928	928	528	535	542	550	557	564	12,132
Water Rates	8,600	1,004	572	580	588	595	603	611	13,153
Total:	16,528	1,932	1,100	1,115	1,130	1,145	1,160	1,175	25,284
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	7,928	928	528	535	542	550	557	564	12,132
Water Fund	8,600	1,004	572	580	588	595	603	611	13,153
Total:	16,528	1,932	1,100	1,115	1,130	1,145	1,160	1,175	25,284

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.

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	9,546	16,406	2,567	12,895	17,080	9,560	16,201	8,880	93,135
Water Rates	11,607	22,112	3,560	10,560	13,663	11,732	8,409	15,358	97,001
Total:	21,154	38,518	6,126	23,455	30,743	21,292	24,610	24,238	190,137
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	9,546	16,406	2,567	12,895	17,080	9,560	16,201	8,880	93,135
Water Fund	11,607	22,112	3,560	10,560	13,663	11,732	8,409	15,358	97,001
Total:	21,154	38,518	6,126	23,455	30,743	21,292	24,610	24,238	190,137

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	22,355	8,235	5,252	16,282	15,022	2,681	-	-	69,828
Solid Waste Rates	90	537	852	775	636	-	-	-	2,890
Water Rates	7,665	3,497	6,936	4,871	4,481	2,700	200	-	30,350
Total:	30,109	12,269	13,040	21,929	20,139	5,381	200	-	103,068
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	22,355	8,235	5,252	16,282	15,022	2,681	-	-	69,828
Solid Waste Fund	90	537	852	775	636	-	-	-	2,890
Water Fund	7,665	3,497	6,936	4,871	4,481	2,700	200	-	30,350
Total:	30,109	12,269	13,040	21,929	20,139	5,381	200	-	103,068

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	3,151	29	-	-	-	-	-	-	3,180
Total:	3,151	29	-	-	-	-	-	-	3,180
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	3,151	29	-	-	-	-	-	-	3,180
Total:	3,151	29	-	-	-	-	-	-	3,180

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	404	1,253	333	142	20	-	-	-	2,152
Water Rates	1,109	448	1,044	3,024	3,675	3,675	50	-	13,025
Total:	1,513	1,701	1,378	3,166	3,695	3,675	50	-	15,177
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	404	1,253	333	142	20	-	-	-	2,152
Water Fund	1,109	448	1,044	3,024	3,675	3,675	50	-	13,025
Total:	1,513	1,701	1,378	3,166	3,695	3,675	50	-	15,177

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	6,991	1,540	731	731	731	731	731	731	12,917
Solid Waste Rates	2,585	644	255	255	255	255	255	255	4,758
Water Rates	7,527	1,330	714	714	714	714	714	714	13,140
Total:	17,103	3,514	1,700	1,700	1,700	1,700	1,700	1,700	30,816
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	6,991	1,540	731	731	731	731	731	731	12,917
Solid Waste Fund	2,585	644	255	255	255	255	255	255	4,758
Water Fund	7,527	1,330	714	714	714	714	714	714	13,140
Total:	17,103	3,514	1,700	1,700	1,700	1,700	1,700	1,700	30,816

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

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. These improvements increase the useful life of the facilities, preserve the value of the assets, and provide a safe working environment.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Rates	22,750	4,095	2,700	2,000	15,200	8,200	4,000	300	59,245
Total:	22,750	4,095	2,700	2,000	15,200	8,200	4,000	300	59,245
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Water Fund	22,750	4,095	2,700	2,000	15,200	8,200	4,000	300	59,245
Total:	22,750	4,095	2,700	2,000	15,200	8,200	4,000	300	59,245

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	1,280	463	688	688	688	688	688	688	5,871
Solid Waste Rates	19	38	240	240	240	240	240	240	1,497
Water Rates	3,186	1,116	672	672	672	672	672	672	8,334
Total:	4,486	1,616	1,600	1,600	1,600	1,600	1,600	1,600	15,702
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	1,280	463	688	688	688	688	688	688	5,871
Solid Waste Fund	19	38	240	240	240	240	240	240	1,497
Water Fund	3,186	1,116	672	672	672	672	672	672	8,334
Total:	4,486	1,616	1,600	1,600	1,600	1,600	1,600	1,600	15,702

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	598	180	180	165	300	255	210	-	1,888
Solid Waste Rates	1,076	95	207	135	225	145	115	-	1,998
Water Rates	5,677	1,788	838	1,325	1,700	1,475	750	-	13,554
Total:	7,352	2,063	1,225	1,625	2,225	1,875	1,075	-	17,440
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	598	180	180	165	300	255	210	-	1,888
Solid Waste Fund	1,076	95	207	135	225	145	115	-	1,998
Water Fund	5,677	1,788	838	1,325	1,700	1,475	750	-	13,554
Total:	7,352	2,063	1,225	1,625	2,225	1,875	1,075	-	17,440

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Rates	4,054	119	12	12	12	4,412	-	-	8,621
Water Rates	14,643	152	-	-	-	-	-	-	14,795
Total:	18,697	271	12	12	12	4,412	-	-	23,416
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Drainage and Wastewater Fund	4,054	119	12	12	12	4,412	-	-	8,621
Water Fund	14,643	152	-	-	-	-	-	-	14,795
Total:	18,697	271	12	12	12	4,412	-	-	23,416

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

Finance and Administrative Services

Overview

The Finance and Administrative Services (FAS) Capital Improvement Program (CIP) is the department's blueprint for planning, replacing, maintaining, remodeling and upgrading 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' proposed CIP includes appropriations for ongoing capital programs and discrete, one-time capital projects with multi-year durations. Multi-year projects are identified by multiple priorities, including City goals (e.g., greenhouse gas reduction, public safety, improved ADA access), code compliance and severity of system deficiencies, and importance to tenant department operations. Planned schedules and funding commitments for these types of multi-year projects are typically made every year in conjunction with the annual budget process. The six-year FAS 2022-2027 CIP includes approximately \$217.7 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 facilities and systems. FAS' CIP addresses the following priorities:

- **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.
- **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 for consultant, contracting and purchasing work. Additionally, Priority Hire, a community workforce agreement (CWA) and apprenticeship rules for construction contracts over \$5 million to further FAS' compliance with the City's community workforce goals and RSJI objectives.
- **Sustainability** – Several City sustainability policies and the Seattle building code guide FAS, as a building owner, to focus on meeting the energy-efficiency requirements of the Seattle Energy Code. Efforts focus on achieving cost-effective measures to reduce energy use and incorporating other sustainability strategies required by regulations. FAS will continue to address new sustainability

efforts, such as the “Green Fleet Action Plan” and the “2030 Challenge,” by proposing additional projects to reduce energy use and greenhouse gas emissions.

- **Asset preservation** – As authorized in Ordinance [121642](#), FAS dedicates annual funding in the CIP 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.

Aligning Capital Investments with Growth and/or Community Planning

FAS’ 2022-2027 Proposed CIP focuses primarily on preserving existing City assets and infrastructure. FAS’ commitment to support the operational growth and capacity challenges of our public safety departments is also demonstrated in the CIP investments to build and expand existing public safety facilities. Examples are seen in the rebuild of Fire Station 31 and the replacement of the Fire Station 5 dock. The FAS CIP Asset Preservation programs span across city districts to preserve the real property assets on FAS properties within the communities we serve.

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. Elements that extend the useful life of improvements, increase tenant comfort and reduce utility bills are integrated into existing projects where feasible. The recent Facility Condition Assessment report supports the needed investments in asset preservation.

2022-2027 CIP Highlights:

FAS’ 2022-2027 Proposed CIP includes new critical investments and the endorsed ongoing programs and funding adjustments over six years, focusing on asset preservation of FAS properties and infrastructure, space consolidations supporting a key mayoral initiative, and improvements to public safety facilities. Below are specific programs and discrete capital projects with funding adjustments:

- **FAS SMT Tenant Improvement** – This project includes the continued implementation of the SMT FAS Consolidated Master Space Plan. This multiphase project will improve staff equity in work spaces, customer access to FAS public service counters and accommodate additional department staff while reducing FAS’ SMT footprint.

Finance and Administrative Services

- **Seismic Retrofit Assessment** – This item adds funding for the Seismic Retrofit Facilities Improvements program. FAS facilities house important City services, many of which will be critical in the event of an earthquake. The Seismic Retrofit Facilities Improvements program will perform a preliminary engineering evaluation of the current portfolio and develop an implementation plan for seismic retrofits in FAS facilities to increase the City’s resiliency, reduce life safety issues due to a catastrophic event and reduce the risk of downtime or impacts to critical City services.
- **Animal Shelter** – The Seattle Animal Shelter continues to require substantial improvements to its infrastructure needs. Prioritizing safety projects, a seismic study and a backup generator installation will be completed in 2022. The remaining improvements will be developed into a proposed program for execution in 2023 and 2024.
- **Fire Station 31 Replacement** – This project provides funding for the design and construction of a new Fire Station 31 to replace the existing facility. This budget cycle proposes an adjusted spend plan to reflect current conditions but does not change the total project cost.
- **City Tax System (SLIM) Replacement** – This project provides funding to begin evaluating and planning for the replacement of the Seattle Licensing and Information Management (SLIM). Future funding will need to be allocated.

CIP Revenue Sources

The 2022-2027 Proposed CIP is supported by funding sources including Limited Tax General Obligation (LTGO) bonds, REET I and space rent charges by FAS to City departments. LTGO bond funding is used to fund projects such as SMT Elevator Rehab and HCM Replacement. The related debt service is funded by the rates charged by FAS to City departments. Endorsed REET I funds are focused on specific facility improvement needs, such as Earthquake Preparedness, Animal Shelter, and Fire Station 31 debt service.

Summary of Upcoming Budget Issues and Challenges

FAS’ most pressing long term 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 from space rent charges. 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. Therefore, additional REET 1 is proposed for this purpose in the 2022-2027 Proposed CIP.
- **Building, Energy and Land Use Codes and City Sustainability Goals** – FAS’ efforts will play a major role in the City’s achievement of its sustainability and environmental goals. FAS must continue to provide reliable, compliant and structurally sound facilities that City departments use and that the public accesses. These investments require that FAS be diligent in evaluating and incorporating strategies and methods that achieve code compliance, energy efficiency and accessibility in the operations, maintenance and infrastructure improvements of its buildings, all in a cost-effective manner. How best to educate, inform and involve the public with regard to accomplishing these various goals is an on-going challenge.

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. FAS will utilize the Facility Condition Assessment report to help in prioritizing the major maintenance and infrastructure project needs. However, FAS faces an ongoing challenge in adequately funding these needed asset preservation and major maintenance requirements at the City's aging facilities, including the 31-year-old Seattle Municipal Tower, Seattle Fire Department (SFD) Headquarters and multiple FAS' shops and yards.

Another issue 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, and these requirements have also impacted project costs and administration. Understanding how policies (including CWA, sustainability, energy efficiency, ADA, and RSJI) and regulatory requirements influence and impact the City's capital programs and project costs needs to be a continuing conversation between CBO, FAS and capital departments.

Lastly, there are numerous Mayoral initiatives, from decarbonization and sustainability-driven projects, to electrification of vehicles and ongoing support of homelessness strategies that FAS stands ready to execute when funding opportunities become available.

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	835	500	-	-	-	-	-	-	1,335
Total:	835	500	-	-	-	-	-	-	1,335
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	3,236	1,632	400	900	1,445	944	2,000	-	10,557
Total:	3,236	1,632	400	900	1,445	944	2,000	-	10,557
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	3,236	1,632	400	900	1,445	944	2,000	-	10,557
Total:	3,236	1,632	400	900	1,445	944	2,000	-	10,557

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Department Space Allocation Charges	12,927	5,926	2,152	2,152	2,152	2,152	2,152	2,152	31,764
Real Estate Excise Tax I	5,312	1,428	1,350	1,450	-	1,000	2,000	2,000	14,540
Total:	18,238	7,354	3,502	3,602	2,152	3,152	4,152	4,152	46,304
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Facility Asset Preservation Fund	12,927	5,926	2,152	2,152	2,152	2,152	2,152	2,152	31,764
REET I Capital Fund	5,312	1,428	1,350	1,450	-	1,000	2,000	2,000	14,540
Total:	18,238	7,354	3,502	3,602	2,152	3,152	4,152	4,152	46,304

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
CRS Misc Revenues	-	-	500	-	-	-	-	-	500
Department Space Allocation Charges	11,808	3,182	1,848	1,848	1,848	1,848	1,848	1,848	26,078
Real Estate Excise Tax I	1,935	4,765	-	-	303	1,464	2,839	3,881	15,187
Total:	13,743	7,947	2,348	1,848	2,151	3,312	4,687	5,729	41,765
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Facility Asset Preservation Fund	11,808	3,182	1,848	1,848	1,848	1,848	1,848	1,848	26,078
REET I Capital Fund	1,935	4,765	-	-	303	1,464	2,839	3,881	15,187
Unrestricted Cumulative Reserve Fund	-	-	500	-	-	-	-	-	500
Total:	13,743	7,947	2,348	1,848	2,151	3,312	4,687	5,729	41,765

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Interdepartmental Transfer	6,401	1,599	-	-	-	-	-	-	8,000
Total:	6,401	1,599	-	-	-	-	-	-	8,000
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Finance and Administrative Services Fund	6,401	1,599	-	-	-	-	-	-	8,000
Total:	6,401	1,599	-	-	-	-	-	-	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
FAS Fund Balance	1	(1)	-	-	-	-	-	-	-
Property Sales and Interest Earnings	311	(12)	-	-	-	-	-	-	299
Real Estate Excise Tax I	7,391	3,330	1,612	2,500	-	-	-	-	14,833
Street Vacations - CRSU	-	250	-	-	-	-	-	-	250
Total:	7,703	3,567	1,612	2,500	-	-	-	-	15,382
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Finance and Administrative Services Fund	1	(1)	-	-	-	-	-	-	-
REET I Capital Fund	7,391	3,330	1,612	2,500	-	-	-	-	14,833
Unrestricted Cumulative Reserve Fund	311	238	-	-	-	-	-	-	549
Total:	7,703	3,567	1,612	2,500	-	-	-	-	15,382

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
FAS Fund Balance	52,595	-	-	-	-	-	-	-	52,595
Interdepartmental Transfer	22,770	2,719	-	-	-	-	-	-	25,489
Total:	75,365	2,719	-	-	-	-	-	-	78,084
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Finance and Administrative Services Fund	75,365	2,719	-	-	-	-	-	-	78,084
Total:	75,365	2,719	-	-	-	-	-	-	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Interdepartmental Transfer	18,235	4,265	3,500	3,500	3,500	3,500	3,500	3,500	43,500
Total:	18,235	4,265	3,500	3,500	3,500	3,500	3,500	3,500	43,500
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Finance and Administrative Services Fund	18,235	4,265	3,500	3,500	3,500	3,500	3,500	3,500	43,500
Total:	18,235	4,265	3,500	3,500	3,500	3,500	3,500	3,500	43,500

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:	\$7,970	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Interdepartmental Transfer	98	(98)	-	-	-	-	-	-	-
Miscellaneous Grants or Donations	-	118	-	-	-	-	-	-	118
Real Estate Excise Tax I	4,636	3,216	-	-	-	-	-	-	7,852
Total:	4,734	3,236	-	-	-	-	-	-	7,970

Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Finance and Administrative Services Fund	98	20	-	-	-	-	-	-	118
REET I Capital Fund	4,636	3,216	-	-	-	-	-	-	7,852
Total:	4,734	3,236	-	-	-	-	-	-	7,970

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.

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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	492	234	-	-	-	-	-	-	726
Property Sales and Interest Earnings	12	338	-	-	-	-	-	-	350
Real Estate Excise Tax I	7,921	1,665	1,595	1,500	1,500	-	-	-	14,181
State Grant Funds	278	(278)	-	-	-	-	-	-	-
Use of Fund Balance	57	(57)	-	-	-	-	-	-	-
Total:	8,760	1,902	1,595	1,500	1,500	-	-	-	15,257
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	492	234	-	-	-	-	-	-	726
REET I Capital Fund	7,921	1,665	1,595	1,500	1,500	-	-	-	14,181
Unrestricted Cumulative Reserve Fund	347	3	-	-	-	-	-	-	350
Total:	8,760	1,902	1,595	1,500	1,500	-	-	-	15,257

O&M Impacts: N/A

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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. Specific projects include replacing FAS' department-wide budget system, developing a new risk management information system, and assessing and replacing FAS' Capital Projects Information Management System.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Interdepartmental Transfer	-	500	-	-	-	-	-	-	500
LTGO Bond Proceeds	102	1,231	-	-	-	-	-	-	1,333
Total:	102	1,731	-	-	-	-	-	-	1,833
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2019 Multipurpose LTGO Bond Fund	102	1,231	-	-	-	-	-	-	1,333
Finance and Administrative Services Fund	-	500	-	-	-	-	-	-	500
Total:	102	1,731	-	-	-	-	-	-	1,833

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:	\$300	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 supports the City's site evaluation work and/or design and pre-planning costs. The total cost of developing the facility has not yet been determined.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	115	(700)	-	-	-	-	-	-	(585)
Total:	115	(700)	-	-	-	-	-	-	(585)
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	115	(700)	-	-	-	-	-	-	(585)
Total:	115	(700)	-	-	-	-	-	-	(585)

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 Replacement

Project No:	MC-FA-FS31	BSL Code:	BC-FA-PSFACFIRE
Project Type:	Discrete	BSL Name:	Public Safety Facilities Fire
Project Category:	New Facility	Location:	11320 Meridian Ave. N
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 5
Start/End Date:	2020 - 2026	Neighborhood District:	
Total Project Cost Range:	35,000 - 56,000	Urban Village:	Aurora Licton Springs

This project provides funding for acquisition, design and construction of a new Fire Station 31 to replace the existing facility and the demolition of the existing Fire Station 31. The 2020 appropriations are supported with an Interfund Loan. The Interfund Loan will be paid back with 2021 LTGO Bond Proceeds (\$8.09m).

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	4,542	6,741	3,500	17,000	10,000	1,000	-	-	42,783
Real Estate Excise Tax I	-	3,100	-	-	-	-	-	-	3,100
Total:	4,542	9,841	3,500	17,000	10,000	1,000	-	-	45,883
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2021 Multipurpose LTGO Bond Fund	4,542	6,741	-	-	-	-	-	-	11,283
2022 Multipurpose LTGO Bond Fund	-	-	3,500	-	-	-	-	-	3,500
2023 Multipurpose LTGO Bond Fund	-	-	-	17,000	-	-	-	-	17,000
2024 Multipurpose LTGO Bond Fund	-	-	-	-	10,000	-	-	-	10,000
2025 Multipurpose LTGO Bond Fund	-	-	-	-	-	1,000	-	-	1,000
REET I Capital Fund	-	3,100	-	-	-	-	-	-	3,100
Total:	4,542	9,841	3,500	17,000	10,000	1,000	-	-	45,883

Financial Planning Strategy: The estimated cost to reach 100% design, including land acquisition and demolition of the old structure is \$11.3m. Once the project reaches the 30% design milestone it will be baselined and FAS will establish a total project cost. The financial planning estimate above is based on the midpoint of the Total Project Cost range. The expenditures per year are based on typical design, bidding and construction durations of similar projects. The current financial strategy is to finance acquisition, design, and construction with REET backed LTGO bonds.

O&M Impacts: O&M impacts will be evaluated as the project advances through the design process.

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:	\$3,350	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	2,183	167	200	200	200	200	200	-	3,350
Total:	2,183	167	200	200	200	200	200	-	3,350

Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	2,183	167	200	200	200	200	200	-	3,350
Total:	2,183	167	200	200	200	200	200	-	3,350

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

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:	\$11,908	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	787	250	-	-	-	-	-	-	1,037
Real Estate Excise Tax I	4,442	1	-	-	-	-	-	-	4,443
Seattle Voter-Approved Levy	6,428	-	-	-	-	-	-	-	6,428
Total:	11,657	251	-	-	-	-	-	-	11,908
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2003 Fire Facilities Levy Fund	6,428	-	-	-	-	-	-	-	6,428
2015 Multipurpose LTGO Bond Fund	387	-	-	-	-	-	-	-	387
2018 Multipurpose LTGO Bond Fund	400	250	-	-	-	-	-	-	650
REET I Capital Fund	4,442	1	-	-	-	-	-	-	4,443
Total:	11,657	251	-	-	-	-	-	-	11,908

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 5 - Construction	Council District:	Council District 7
Start/End Date:	2014 - 2023	Neighborhood District:	Downtown
Total Project Cost:	\$14,391	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 and replaces the existing dock 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 was originally timed to coincide with the Seawall replacement project as this facility is physically attached to the Seawall structure, and dock replacement work was timed to align with Washington State Ferries (WSF) projects along the Waterfront.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Interdepartmental Transfer	51	191	-	-	-	-	-	-	242
LTGO Bond Proceeds	4,468	1,832	-	-	-	-	-	-	6,300
Real Estate Excise Tax I	1,478	2,871	3,500	-	-	-	-	-	7,849
Total:	5,997	4,894	3,500	-	-	-	-	-	14,391
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2016 Multipurpose LTGO Bond Fund	1,928	72	-	-	-	-	-	-	2,000
2017 Multipurpose LTGO Bond Fund	2,541	1,759	-	-	-	-	-	-	4,300
Finance and Administrative Services Fund	51	191	-	-	-	-	-	-	242
REET I Capital Fund	1,478	2,871	3,500	-	-	-	-	-	7,849
Total:	5,997	4,894	3,500	-	-	-	-	-	14,391

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-NBHFIRES
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:	\$79,682	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	42,430	3,606	4,181	4,921	6,056	6,542	5,973	5,970	79,679
Total:	42,430	3,606	4,181	4,921	6,056	6,542	5,973	5,970	79,679
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	42,430	3,606	4,181	4,921	6,056	6,542	5,973	5,970	79,679
Total:	42,430	3,606	4,181	4,921	6,056	6,542	5,973	5,970	79,679

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	1,615	779	-	-	-	-	-	-	2,394
Seattle Voter-Approved Levy	-	406	-	-	-	-	-	-	406
Seattle Voter-Approved Levy	398	(398)	-	-	-	-	-	-	-
Total:	2,013	787	-	-	-	-	-	-	2,800
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2003 Fire Facilities Levy Fund	398	8	-	-	-	-	-	-	406
REET I Capital Fund	1,615	779	-	-	-	-	-	-	2,394
Total:	2,013	787	-	-	-	-	-	-	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Department Space Allocation Charges	15	(15)	-	-	-	-	-	-	-
General Fund	-	-	-	-	-	-	-	35	35
Property Sales and Interest Earnings	463	58	31	32	33	33	34	-	684
Use of Fund Balance	28	(28)	-	-	-	-	-	-	-
Total:	506	15	31	32	33	33	34	35	719
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Garden Capital Trust Fund	15	(15)	-	-	-	-	-	-	-
General Fund	-	-	-	-	-	-	-	35	35
Unrestricted Cumulative Reserve Fund	491	30	31	32	33	33	34	-	684
Total:	506	15	31	32	33	33	34	35	719

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

Human Capital Management System

Project No:	MC-FA-HCMSYS	BSL Code:	BC-FA-A11T
Project Type:	Discrete	BSL Name:	Information Technology
Project Category:	New Investment	Location:	700 5th Ave
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 7
Start/End Date:	2021 - 2026	Neighborhood District:	
Total Project Cost:	\$60,936	Urban Village:	Downtown

This technology project funds the planning, design and replacement of the aging Human Resource Information System (HRIS), which includes the citywide payroll and benefit system, with a new Human Capital Management (HCM) system. The timing of this project is critical for the citywide HR, timekeeping and payroll system, which will no longer be supported after 2023. The project was approved by the Enterprise Oversight Board (EOB) in February 2020 and will be managed out of the FAS Business Systems division, with funding and partnership from Seattle Department of Human Resources (SDHR) and Seattle IT (ITD)

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	-	7,500	17,636	18,185	17,615	-	-	-	60,936
Total:	-	7,500	17,636	18,185	17,615	-	-	-	60,936
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2021 Multipurpose LTGO Bond Fund	-	7,500	-	-	-	-	-	-	7,500
2022 Multipurpose LTGO Bond Fund	-	-	17,636	-	-	-	-	-	17,636
2023 Multipurpose LTGO Bond Fund	-	-	-	18,185	-	-	-	-	18,185
2024 Multipurpose LTGO Bond Fund	-	-	-	-	17,615	-	-	-	17,615
Total:	-	7,500	17,636	18,185	17,615	-	-	-	60,936

O&M Impacts: To begin the strategic planning for implementing a new system, both FAS Business Systems and Seattle Department of Human Resources (SDHR) will hire 1.0 FTE and 2.0 FTEs respectively in 2020. Additional funding from ITD will allow for a strategic consulting firm to assist with this body of work and finalize the implementation budget and schedule. Additional staffing and services will be required in 2021 and 2022 for the life of the project.

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:	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 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.

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 Animal Shelter Facilities

Project No:	MC-FA-SASFAC	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	2061 15th Ave W, Seattle, WA 98119
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 7
Start/End Date:	2022 - 2025	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$3,400	Urban Village:	

This project funds the department of Finance and Administrative Service's work to repair and upgrade Seattle Animal Shelter facilities and building systems.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	-	-	500	639	1,200	1,061	-	-	3,400
Total:	-	-	500	639	1,200	1,061	-	-	3,400
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	-	-	500	639	1,200	1,061	-	-	3,400
Total:	-	-	500	639	1,200	1,061	-	-	3,400

O&M Impacts: Not applicable.

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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:	\$878	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	878	-	-	-	-	-	-	-	878
Total:	878	-	-	-	-	-	-	-	878
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	878	-	-	-	-	-	-	-	878
Total:	878	-	-	-	-	-	-	-	878

O&M Impacts: N/A

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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	1,440	-	-	-	-	-	-	-	1,440
Total:	1,440	-	-	-	-	-	-	-	1,440
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	1,440	-	-	-	-	-	-	-	1,440
Total:	1,440	-	-	-	-	-	-	-	1,440

O&M Impacts: N/A

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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:	\$18,000	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Department Space Allocation Charges	2,248	2,752	-	-	-	-	-	-	5,000
LTGO Bond Proceeds	9,794	206	-	-	-	-	-	-	10,000
Real Estate Excise Tax I	2,368	632	-	-	-	-	-	-	3,000
Total:	14,410	3,590	-	-	-	-	-	-	18,000
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2019 Multipurpose LTGO Bond Fund	3,500	-	-	-	-	-	-	-	3,500
2020 Multipurpose LTGO Bond Fund	6,294	206	-	-	-	-	-	-	6,500
Facility Asset Preservation Fund	2,248	2,752	-	-	-	-	-	-	5,000
REET I Capital Fund	2,368	632	-	-	-	-	-	-	3,000
Total:	14,410	3,590	-	-	-	-	-	-	18,000

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

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	541	9,459	9,500	9,500	-	-	-	-	29,000
Real Estate Excise Tax I	547	453	-	-	-	-	-	-	1,000
Total:	1,088	9,912	9,500	9,500	-	-	-	-	30,000
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2020 Multipurpose LTGO Bond Fund	541	959	-	-	-	-	-	-	1,500
2021 Multipurpose LTGO Bond Fund	-	8,500	-	-	-	-	-	-	8,500
2022 Multipurpose LTGO Bond Fund	-	-	9,500	-	-	-	-	-	9,500
2023 Multipurpose LTGO Bond Fund	-	-	-	9,500	-	-	-	-	9,500
REET I Capital Fund	547	453	-	-	-	-	-	-	1,000
Total:	1,088	9,912	9,500	9,500	-	-	-	-	30,000

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

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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	1,885	-	-	-	-	-	-	-	1,885
Total:	1,885	-	-	-	-	-	-	-	1,885
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	1,885	-	-	-	-	-	-	-	1,885
Total:	1,885	-	-	-	-	-	-	-	1,885

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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
LTGO Bond Proceeds	2,426	74	-	-	-	-	-	-	2,500
Total:	2,426	74	-	-	-	-	-	-	2,500
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
2016 Multipurpose LTGO Bond Fund	2,426	74	-	-	-	-	-	-	2,500
Total:	2,426	74	-	-	-	-	-	-	2,500

O&M Impacts: N/A

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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	5,404	5,696	-	-	-	-	-	-	11,100
Total:	5,404	5,696	-	-	-	-	-	-	11,100
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	5,404	5,696	-	-	-	-	-	-	11,100
Total:	5,404	5,696	-	-	-	-	-	-	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	4,985	-	-	-	-	-	-	-	4,985
Total:	4,985	-	-	-	-	-	-	-	4,985
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	4,985	-	-	-	-	-	-	-	4,985
Total:	4,985	-	-	-	-	-	-	-	4,985

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

Seismic Improvements

Project No:	MC-FA-SEISMIC	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	Multiple
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Multiple
Start/End Date:	2022 - 2022	Neighborhood District:	Multiple
Total Project Cost:	\$350	Urban Village:	Multiple

This project funds FAS's capital work efforts towards assessing, restoring, and upgrading the seismic stability of the City's building portfolio.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Real Estate Excise Tax I	-	-	350	-	-	-	-	-	350
Total:	-	-	350	-	-	-	-	-	350
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
REET I Capital Fund	-	-	350	-	-	-	-	-	350
Total:	-	-	350	-	-	-	-	-	350

O&M Impacts: Not applicable.

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:	\$4,700	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
CRS Misc Revenues	-	-	4,300	-	-	-	-	-	4,300
Property Sales and Interest Earnings	271	129	-	-	-	-	-	-	400
Total:	271	129	4,300	-	-	-	-	-	4,700
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Unrestricted Cumulative Reserve Fund	271	129	4,300	-	-	-	-	-	4,700
Total:	271	129	4,300	-	-	-	-	-	4,700

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 we serve. 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. Seattle IT's 2022-2027 Proposed CIP budget is \$107.7 million. Details for 2022 are provided in the following table.

CIP Program Name	2022 Proposed	Planned Spending
<i>Discrete Projects</i>		
Criminal Justice Information System Projects	\$13,076,000	Implement case management systems for agencies including Seattle Municipal Court, the Hearing Examiner, and the City Attorney.
<i>Ongoing CIP Programs</i>		
800 MHz Radio Network Program	\$723,000	Maintain radio network infrastructure and public safety radios.
Applications Development - Public Safety	\$1,500,000	Implement work, schedule, and timekeeping system for Seattle Police Department
Computing Services Architecture	\$2,182,000	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	\$5,691,000	Network equipment related to Unified Communication System, and routine equipment replacement and upgrades.
Fiber-Optic Communication Installation & Maintenance	\$4,468,000	Fiber installation and maintenance.
Seattle Channel Maintenance & Upgrade	\$345,000	Equipment replacement and maintenance.
Department Total	\$27,985,346	

Seattle Information Technology Department

CIP Revenue Sources

Seattle IT's CIP has been funded through a variety of revenue sources, including:

- **Rates and Allocations:** There are multiple services within the department that are cost-allocated based on a percentage of use for the service provided or billed directly to a department based on the actual cost of time and labor or quantity of materials provided. Seattle IT's 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 Seattle IT's 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 is funded by the Puget Sound Emergency Radio Network levy. Outside of that, no additional levy funding is anticipated.
- **Bonds & Future Bond Proceeds:** Seattle IT 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

2022-2027 CIP Highlights

Seattle IT's 2022-2027 Proposed CIP Budget includes the following transfers and modifications to CIP programs:

- Computing Services Architecture (\$33,697,000) includes funding to replace hardware relating to the Next Generation Datacenter (NGDC). Seattle IT's 6-year capital plan requires lifecycle replacement of existing aging equipment that is no longer effective or secure. The 2022-2027 Proposed CIP includes new funding to support the City's IT infrastructure lifecycle replacements and invest in newer, more secure technology.
- Data & Telephone Infrastructure (\$6,341,000) includes funding for the Unified Communications (UC) project as well as the Data Network Hardware project. Within the Unified Communications project, the legacy telephony system has planned replacements and software updates as support expires. Seattle IT's 6-year capital plan encompasses end of life equipment replacement and the purchase of new technology for increased security and continued support within the Data Network Hardware project. The 2022-2027 Proposed CIP includes new funding to support software and major hardware for the City's data and telephone systems.
- Criminal Justice Information System Projects (\$3,000,000) project includes bond funded budget to support the Municipal Court Information System (MCIS) replacement. As the MCIS project has progressed, the updated spend plan reflects a shift in the timing of expenditures, which resulted in the transfer of \$3,000,000 of bond funding from 2021 to 2022 to better align with the projected spending timeline. The 2022-2027 Proposed CIP reflects the additional appropriation and associated bond issuance transferring to 2022.
- Applications Development - Public Safety (\$1,500,000) includes funding to implement a work, schedule, and timekeeping solution for the Seattle Police Department.

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.

Seattle Information Technology Department

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
- coordination with partners (regional efforts, vendor partners, etc.)

This step includes development of initial cost estimates and other resource requirements, potential timing, and dependencies. At the completion of this step, potential projects are added to the Citywide IT Project Portfolio for tracking and consideration through Seattle IT's Project Gate Review process.

STEP 2: Identification of CIP and Non-Discretionary Projects

As part of the Gate Review process, items identified in Step 1 are filtered to determine if they are (1) CIP-appropriate or not and (2) discretionary or not. Criteria for determining if they are CIP appropriate or not include:

- overall dollar value
- timeframe of implementation (e.g., multi-year project)
- lifespan of investment
- investment in/preservation of long-term infrastructure
- the nature of the acquisition (e.g., goods, services, etc.)

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Criteria for determining if they are non-discretionary include:

- legally mandated (e.g., debt service, federal or state law/regulation changes, court orders, etc.)
- urgent security or risk mitigation needs (e.g., major system failure, major security breach)
- reimbursable services to others (e.g., Seattle IT manages a regional fiber consortium where the partners contract with/through us to get work done).

Projects which are determined to be non-discretionary are automatically moved forward for inclusion in Seattle IT's initial CIP and budget proposal. Discretionary projects proceed to Step 3. Regardless of discretionary status, project requests complete the Gate Review process to validate projects are established with the appropriate governance, value proposition and risk mitigation planning.

STEP 3: Prioritization of CIP-Appropriate Discretionary Projects:

In this step, proposed investments are screened to determine if they are a match for Seattle IT's normal maintenance/upgrade/replacement programs within the CIP. Investments such as these tend to be smaller in scale (less than \$250,000), "like for like" replacements (e.g., old equipment replaced by new equipment with little to no functionality change), etc. These projects are rated by program managers based on criteria tailored to each program and implemented as annual funding allows.

Larger capital investments which are best implemented on a stand-alone basis due to the size and complexity of the project are evaluated and ranked separately based on the following criteria:

- asset preservation/replacement/maintenance
- product lifecycles
- legal requirements/mandates
- security/risk mitigation
- reimbursable from other sources (other depts. or outside entities, grants, reserves)
- dependencies (on other products, equipment, etc.; also on staff/resource availability/long-term supportability)
- internal customer demands (including capacity) – including Mayoral/Council/Mayor's IT Subcabinet priority
- external customer demands – public, businesses, etc.
- external drivers (vendor changes, regional commitments, etc.)
- efficiency/effectiveness improvements/resource savings and return on investment
- key future trend/forward-looking/pro-active

Summary of Upcoming Budget Issues and Challenges

- **Hybrid Workforce.** The shift of the City's workforce to a hybrid-remote model will continue to put pressure on the IT infrastructure and resources necessary to secure our more distributed technology environment and continue to provide efficient services to employees. For example, the City's Virtual Private Network infrastructure was enhanced during the pandemic but will require ongoing financial and technical support to continue to serve the larger remote population of City staff. Similarly, the majority of City employees are not equipped to be mobile, flexible, and resilient. Most employees do not have laptops, and logistics related to asset management, device support, and equipment deployment will continue to be challenging unless additional

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investments are made to support remote employees. Finally, some previous and in-flight capital IT projects, such as the Unified Communications system, were designed based on a pre-pandemic set of assumptions and use cases; some of those decisions concerning, for example, conference room technology, mobility, and fixed telephone sets will likely be in flux over the next 12-24 months, which may result in additional expenses. Funding from the Coronavirus Local Recovery Fund (CLRF) appropriated to Seattle IT will help cover upfront costs in these investments needed to shift to a hybrid-remote model.

- **Disaster Recovery/Preparedness** - A future consideration as we invest in new programs and technologies is the need for disaster recovery and business continuity capabilities. Our reliance on systems continues to grow and, while our capital investment projects deliver new functionality, this work typically does not account for the redundancy or infrastructure needs to support an expedient disaster recovery scenario. The additional costs that come when planning that work are usually deemed cost prohibitive when sizing a Capital Improvement Project. As we continue to plan our capital program, we will need to account for a more robust disaster recovery investment or be prepared to accept the risks.
- **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.
- **Planning for future investments and lifecycle management.** Departments want to move fast to leverage new technologies before Seattle IT has developed the platforms, teams, or culture to make this happen. Seattle IT balances the competing objectives of doing things right and doing them right now.
- **Platform First.** Similar to all large enterprises, where technology has overtaken the organization’s operations organically and over a long period of time, the City of Seattle also sits on hundreds of legacy technology solutions. A fragmented technology footprint is a major cyber security concern but in today’s challenging economic climate, it is also a financial liability. A key factor in achieving reductions in the City’s technology investment is directly dependent on a Platform First approach where 80% of the City’s technology business is performed on 20% of technology solutions. Seattle IT continues to promote the platform first approach but will have limited success without a formal City-Wide commitment to address this as an enterprise issue versus a tactical IT problem.

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- **Privacy.** The data privacy risks associated with technology continue to grow - the variety of threats from malware, ransomware, social media, compromised web sites, and other sources continues to multiply, as does our continued reliance on connected devices through telework. Cloud services like Office 365 and the increased use of mobile devices offer a new set of security and privacy-related challenges. At the same time, the City collects and uses a vast and expanding amount of data on a regular basis. Some of this data contains personally identifiable information or may otherwise pose a privacy concern if exposed or if used in a manner inconsistent with public expectations. Emphasis is shifting away from end-point security to risk management of critical assets and assurance of identity. Preventive controls are no longer reliable, requiring a greater emphasis on the ability to locate and quickly remediate compromised technology.
- **Public Expectation.** The public has high expectations for how government performs, including how technology is used to deliver efficient and accessible government services. Some Seattle residents are tech savvy while others still lack internet access. Generational differences also create different expectations regarding services. Investments in new technology-enabled government services must balance many audiences.

Future Projects/What is on the Horizon

Seattle IT has identified several initiatives and issues which will need to be addressed at some point in the future.

- **Software systems which require replacement/upgrades.** Prior to IT consolidation, the Department of Information Technology CIP did not include funds to cover replacement of large applications owned and operated by individual departments. Since consolidation, Seattle IT has “inherited” responsibility for many such systems, most of which did not come with any long-term replacement funding. Replacement and upgrades for systems owned and operating by Seattle Public Utilities and Seattle City Light are generally being funded out of the utilities’ CIPs with Seattle IT acting as the service provider. However, funds for other large applications and systems needing replacement are not comprehensively programmed into Seattle IT’s CIP. Seattle IT will continue to address these needs on a case-by-case basis as the need arises.
- **Long-term major upgrades to the Regional Radio System.** The City is part of a regional public safety radio system (Puget Sound Emergency Radio Network). 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. 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

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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.

800 MHz Radio Network Program

Project No:	MC-IT-C3550	BSL Code:	BC-IT-C0700
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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	18,480	8,008	723	742	761	784	807	831	31,136
Total:	18,480	8,008	723	742	761	784	807	831	31,136
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	18,480	8,008	723	742	761	784	807	831	31,136
Total:	18,480	8,008	723	742	761	784	807	831	31,136

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-C0700
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) and the Seattle Fire Department (SFD). The applications will improve personnel oversight and deployment, in addition to enhancing the accessibility and quality of SPD and SFD data. These applications will support ongoing efforts to achieve improved transparency and compliance.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	535	-	-	-	-	-	-	-	535
Internal Service Fees and Allocations, Outside Funding Partners	5,221	5,529	1,500	-	-	-	-	-	12,250
LTGO Bond Proceeds	1,908	-	-	-	-	-	-	-	1,908
Total:	7,664	5,529	1,500	-	-	-	-	-	14,693
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	7,664	5,529	1,500	-	-	-	-	-	14,693
Total:	7,664	5,529	1,500	-	-	-	-	-	14,693

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- General Fund

Project No:	MC-IT-C6300	BSL Code:	BC-IT-C0700
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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	306	-	-	-	-	-	-	-	306
Internal Service Fees and Allocations, Outside Funding Partners	1,584	-	-	-	-	-	-	-	1,584
Total:	1,890	-	-	-	-	-	-	-	1,890
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	1,890	-	-	-	-	-	-	-	1,890
Total:	1,890	-	-	-	-	-	-	-	1,890

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-C0700
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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	1,011	-	-	-	-	-	-	-	1,011
Internal Service Fees and Allocations, Outside Funding Partners	3,138	884	-	-	-	-	-	-	4,022
Total:	4,149	884	-	-	-	-	-	-	5,033
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	4,149	884	-	-	-	-	-	-	5,033
Total:	4,149	884	-	-	-	-	-	-	5,033

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-C0700
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 - 2022	Neighborhood District:	Downtown
Total Project Cost:	\$3,466	Urban Village:	Downtown

This project funds the development and implementation of a new Citywide solution for contracts management.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	-	263	-	-	-	-	-	-	263
Internal Service Fees and Allocations, Outside Funding Partners	1,662	1,325	-	-	-	-	-	-	2,987
Total:	1,662	1,588	-	-	-	-	-	-	3,250
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	1,662	1,588	-	-	-	-	-	-	3,250
Total:	1,662	1,588	-	-	-	-	-	-	3,250

O&M Impacts: Ongoing costs for annual software subscriptions are built into Seattle IT's operating budget.

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-C0700
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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	19,295	2,215	1,082	4,740	1,143	1,740	2,550	2,550	35,315
LTGO Bond Proceeds	2,966	6,430	1,100	5,910	3,992	4,620	4,295	5,700	35,012
Total:	22,261	8,645	2,182	10,650	5,135	6,360	6,845	8,250	70,328
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	22,261	8,645	2,182	10,650	5,135	6,360	6,845	8,250	70,328
Total:	22,261	8,645	2,182	10,650	5,135	6,360	6,845	8,250	70,328

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-C0700
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 - 2023	Neighborhood District:	Downtown
Total Project Cost:	\$42,195	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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	99	615	-	-	-	-	-	-	713
Internal Service Fees and Allocations, Outside Funding Partners	57	-	-	-	-	-	-	-	57
LTGO Bond Proceeds	15,452	13,109	13,076	-	-	-	-	-	41,637
Total:	15,607	13,723	13,076	-	-	-	-	-	42,407
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	15,607	13,723	13,076	-	-	-	-	-	42,407
Total:	15,607	13,723	13,076	-	-	-	-	-	42,407

O&M Impacts: Not enough information at this stage of the project.

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-C0700
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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	27,229	6,490	1,413	1,625	1,502	1,535	1,581	210	41,586
LTGO Bond Proceeds	10,184	12,979	4,277	2,693	-	1,115	1,654	500	33,402
Total:	37,413	19,469	5,691	4,318	1,502	2,650	3,235	710	74,988
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	37,413	19,469	5,691	4,318	1,502	2,650	3,235	710	74,988
Total:	37,413	19,469	5,691	4,318	1,502	2,650	3,235	710	74,988

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-C0700
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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	42,912	6,921	4,468	4,582	4,702	4,843	4,988	5,137	78,553
Total:	42,912	6,921	4,468	4,582	4,702	4,843	4,988	5,137	78,553
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	42,912	6,921	4,468	4,582	4,702	4,843	4,988	5,137	78,553
Total:	42,912	6,921	4,468	4,582	4,702	4,843	4,988	5,137	78,553

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.

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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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
General Fund	2,112	-	-	-	-	-	-	-	2,112
Internal Service Fees and Allocations, Outside Funding Partners	3,611	2,232	-	-	-	-	-	-	5,843
Total:	5,724	2,232	-	-	-	-	-	-	7,956
Fund Appropriations / Allocations ¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	5,724	2,232	-	-	-	-	-	-	7,956
Total:	5,724	2,232	-	-	-	-	-	-	7,956

O&M Impacts: Ongoing costs are built into Seattle IT’s operating budget.

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-C0700
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:	2019 - 2021	Neighborhood District:	Downtown
Total Project Cost:	\$6,103	Urban Village:	Downtown

This project provides funds to maintain, replace, and upgrade technology equipment for the City's public safety departments.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	422	359	-	-	-	-	-	-	781
LTGO Bond Proceeds	3,880	721	-	-	-	-	-	-	4,601
Use of Fund Balance	-	721	-	-	-	-	-	-	721
Total:	4,301	1,802	-	-	-	-	-	-	6,103
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	4,301	1,802	-	-	-	-	-	-	6,103
Total:	4,301	1,802	-	-	-	-	-	-	6,103

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 Channel Maintenance and Upgrade

Project No:	MC-IT-C4400	BSL Code:	BC-IT-C0700
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	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	3,284	340	345	354	363	372	384	395	5,838
Total:	3,284	340	345	354	363	372	384	395	5,838
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	3,284	340	345	354	363	372	384	395	5,838
Total:	3,284	340	345	354	363	372	384	395	5,838

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-C0700
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 - 2022	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.

Resources	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Internal Service Fees and Allocations, Outside Funding Partners	6,935	1,161	-	-	-	-	-	-	8,096
LTGO Bond Proceeds	4,998	887	-	-	-	-	-	-	5,885
Use of Fund Balance	708	765	-	-	-	-	-	-	1,473
Total:	12,641	2,813	-	-	-	-	-	-	15,454
Fund Appropriations / Allocations¹	LTD Actuals	2021 Revised	2022	2023	2024	2025	2026	2027	Total
Information Technology Fund	12,641	2,813	-	-	-	-	-	-	15,454
Total:	12,641	2,813	-	-	-	-	-	-	15,454

O&M Impacts: No O&M Impacts for 2022-2027 Budget.

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

Seattle City Light

Project Name	Project ID	Project Capacity	Project Location	2021 Budget*
MC-CL- XB6351	Boundary Powerhouse - Unit 51 Generator Rebuild	Rationale: The Unit 51 generator at Boundary is the original installation and its typical 30-year life expectancy has expired. It has accelerated deterioration of its windings caused by thermocycling (frequent startup and shutdowns of the generator, resulting in more pronounced temperature fluctuations). Failure of a generator can cause lost revenue, which during runoff could be many millions of dollars. Additionally, a failure may cause a fire and set off the fire extinguishing system, which would expose the powerhouse and its personnel to safety risks inherent with fire, smoke, and carbon dioxide (CO2) discharge for fire suppression. A rewind also allows for an updated insulation design that will permit the use of water as a fire protection system, providing an improvement in worker safety. Also, if the technology is advanced sufficiently by the time of the rewind, we may add a rotor mounted scanner or other diagnostic equipment. Alternative(s): Defer work indefinitely.	10382 Boundary Rd, Metaline, WA 99153	\$19

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

MC-CL- XB6353	Boundary Powerhouse - Unit 54 Generator Rebuild	Rationale: The Unit 54 generator at Boundary is the original installation and its typical 30-year life expectancy has expired. It has accelerated deterioration of its windings caused by thermocycling (frequent startup and shutdowns of the generator, resulting in more pronounced temperature fluctuations). Failure of a generator can cause lost revenue, which during runoff could be many millions of dollars. Additionally, a failure may cause a fire and set off the fire extinguishing system, which would expose the powerhouse and its personnel to safety risks inherent with fire, smoke, and carbon dioxide (CO2) discharge for fire suppression. A rewind also allows for an updated insulation design that will permit the use of water as a fire protection system, providing an improvement in worker safety. Also, if the technology is advanced sufficiently by the time of the rewind, we may add a rotor mounted scanner or other diagnostic equipment. Alternative(s): Defer work indefinitely.	10382 Boundary Rd, Metaline, WA 99153	\$6,452
MC-CL- XB6401	Boundary Facility - Minor Improvement s Program	Rationale: Setting up and monitoring separate capital projects entails considerable administrative costs which may unreasonably increase the cost of small projects, even when identified in advance. Covering such projects under the emergent project program allows for accountability and tracking at the subproject level, with minimal overhead costs. A recent example is a FERC requirement for a mobile emergency generator as a redundant source of power to open spill and sluice gates. Project Weighted Rating-40.8, Primary Rationale-Varies Alternative(s): The only alternative for emergent projects is to find some other way to fund emergency needs that arise. Usually, for capital projects, this involves emergency appropriations involving the passage of special City ordinances, among other things. The time required to cut through the red tape of special appropriations could be prohibitively long, given that the needs that arise are either of an emergency nature or cannot be predicted. The only alternative for planned small capital projects is to secure separate budgeting for each one by putting each small project into the same administrative league as multi-million dollar projects.	10382 Boundary Rd, Metaline, WA 99153	\$202

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- XB6493	Boundary Powerhouse Generator Step-up Transformer Replacement	Rationale: Design to begin in 2010. Closeout in 2017. First transformer delivered in 2012. Alternative(s): An alternative approach would be to repair or replace units as they fail from deferred maintenance. This approach would eventually result in a significant loss of revenue and/or fines from a regulatory agency. Accepting the risk of failure would not be in the best interest of the utility. Having a spare unit onsite would prevent such failures.	10382 Boundary Rd, Metaline, WA 99153	\$7,183
MC-CL- XB6535	Boundary Powerhouse - Unit 52 Generator Rebuild	Rationale: 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. Alternative(s): No Alternatives Provided.	Boundary Rd, Metaline, WA 99153	\$5,480
MC-CL- XB6565	Landis and Gyr RTU Modernizatio n Boundary, Cedar Falls and Skagit	Rationale: Replace failing gear with new. Alternative(s): No Alternatives Provided.	Boundary, Skagit and Cedar Falls power facilities	\$520
MC-CL- XB6566	Boundary - DC Battery System & Charge Modernizatio n	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	Boundary Rd, Metaline, WA 99153	\$78
MC-CL- XB6987	Boundary - Licensing Mitigation	Rationale: In order to continue to operate the facility, the City must obtain a new FERC license. The decision to apply for a new license has been made and we have embarked on the default FERC licensing process, the Integrated License Process (ILP). While the cost of attaining a new license to operate Boundary Dam is very significant, Boundary provides anywhere from 25% to 40% of SCL's power requirements and produces power at a cost significantly below the market rate. The plant's operations are shaped to deliver power during peak-load hours, an operating regime that allows the City to meet continued service area load growth and provide regional system reliability. For these reasons, the Utility has determined that obtaining a new license is a priority and we are confident that it will continue to be a cost effective source of renewable power for the City. Alternative(s): No Alternatives Provided.	10382 Boundary Rd, Metaline, WA 99153	\$16,927

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

MC-CL- XC6406	Cedar Falls/South Fork Tolt - Minor Improvements Program	Rationale: Setting up and monitoring separate capital projects entails considerable administrative costs which may unreasonably increase the cost of small projects, even when identified in advance. Covering such projects under the emergent project program allows for accountability and tracking at the subproject level, with minimal overhead costs. A recent example is the replacement of an Oil-filled Transformer. Project Weighted Rating-40.8, Primary Rationale-Varies Alternative(s): The only alternative for emergent projects is to find some other way to fund emergency needs that arise. Usually, for capital projects, this involves emergency appropriations involving the passage of special City ordinances, among other things. The time required to cut through the red tape of special appropriations could be prohibitively long, given that the needs that arise are either of an emergency nature or cannot be predicted. The only alternative for planned small capital projects is to secure separate budgeting for each one by putting each small project into the same administrative league as multi-million dollar projects.	19901 Cedar Falls Rd SE, North Bend, WA 98045	\$746
MC-CL- XC6450	Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay	Rationale: The present generator protection is outdated and lacks some basic protection elements to protect it from abnormal frequency and voltages. The existing relay does not meet 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. This deficiency was identified as part of the NERC/WECC compliance program, and has been scheduled for replacement as part of a prioritized program along with other outmoded technology present in SCL's aging infrastructure. Alternative(s): 1. Do the project described. 2. Do Nothing. This is not considered to be a viable approach since the present generator protection scheme does not meet the ANSI/IEEE Standard or the WECC/NERC regional requirements for the protection of generators.	19901 Cedar Falls Rd SE, North Bend, WA 98045	\$1,183
MC-CL- XC6573	Cedar Falls - Bank 6 Replacement	Rationale: This project improves generation reliability by replacing this critical transformer prior to failure. It will also enhance overall operational performance since new transformers are more efficient, have more environmental protections, and require less maintenance. Alternative(s): The only alternative to this project is to to run the transformer to failure which would necessitate an emergency project to replace it.	Cedar Falls	\$1,887
MC-CL- XC6625	Cedar Falls Rehabilitation	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	Cedar Falls	\$150

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- XF8389	Special Work Equipment - Shops	<p>Rationale: This project provides new tools and work equipment to replace outdated equipment. The project updates technical systems to current standards, as our current transformer test equipment relies on out dated computer equipment and programming that is no longer supported. Some equipment does not meet latest safety standards. Other equipment is no longer supported by replacement parts or can no longer be repaired to provide accurate cutting, bending, etc. Some equipment needs to be updated to provide for increased production or size of stock material worked. Other equipment needs updated programming to provide for the latest technology advancements. The project ensures the transformers CL purchases and installs are safe and will last up to and beyond the average life span. It also ensures that we receive what we paid for, as specified, and that it will fit our system without problems such as oil leaks, incorrect voltage, and non-functional safety interlocks, etc. Replacing shop special tools and equipment will allow customer service enhancements by providing newer technology for more accurate fabrication of parts and other shop made items, safer tools to use, and newer equipment with more safeguards built in. Alternative(s): The recommended alternative would be to fully fund the special tool requests. This option would allow for the stated goals to be realized. Alternatives to funding special tools budget for shops are to not fund it or to fund at a lower level. Both of these options would slow production and would impact the opportunity to effectively serve the shops customers. It could also impact safety and injury rates where older equipment is less efficient and less ergonomic, requiring more repetitive motion and more labor with less automation.</p>	System wide	\$292
MC-CL- XF9006	Safety Modification s	<p>Rationale: Project 9006 was established to correct imminent and critical safety hazards not covered by divisional budgets. Investments will lower the risk of WA State compliance penalties and possible costs related to employee or customer injuries. Alternative(s): 1. Complete the projects as they emerge within established budget. Proactive response reduces the risk of employee and customer injuries, and related costs, as well as potential non-compliance penalties. 2. Do not fund project. This may leave significant safety problems unresolved, leading to increased compliance penalties. 3. Defer the project. The impact is similar to alternative 2 above, and also results in a continual growth of open and unfunded safety projects.</p>	Citywide	\$1,701

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- XF9101	Equipment Fleet Replacement	<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</p>	System wide	\$7,715
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**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

		reliable for tracking or budgeting. Address the back log through a seven year or longer plan.		
MC-CL- XF9103	Office Furniture and Equipment Purchase	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	\$8,521
MC-CL- XF9107	North and South Service Center Improvement s	Rationale: The purpose of the proposed subprojects, SSC locker room remodeling, NSC building on the main site, and the SSC yard study, is to improve each facility in support of the assigned staff/crews. Results include improved efficiency and reduced maintenance. Planning in the employee parking lot is necessary since an off-ramp will be constructed over a portion of the lot. The SSC yard study subproject includes planning for the revisions needed when the off ramp is built from the Spokane Street Viaduct to 4th Avenue South. The off ramp is to be placed over the employee parking lot. Alternative(s): 1. Continue the improvements as proposed. 2. Defer improvements. 3. Replace the service centers with state-of-the-art facilities. 4. Do no improvements until the service center is unusable and then replace the asset.	Outside City of Seattle	\$5,686
MC-CL- XF9134	Seismic Mitigation	Rationale: Several seismic surveys of City Light facilities have been done in past years. Some of the deficiencies were corrected; usually as part of a major construction program, however many of the deficiencies remain. Our structural engineering unit has an unscheduled plan to review prior surveys and release a prioritized corrective action plan. Plan implementation funding will be considered at the next budget cycle, or earlier, by special appropriation. Alternative(s): 1. Budget for emergent projects is recommended until the above action plan is in place. 2. Take no corrective action. 3. Contract for a comprehensive seismic study. Include cost estimates and a firm schedule requirement in the study results. Initiate a program of projects to make corrections.	Outside City of Seattle	\$1,364

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- XF9151	Facilities Regulatory Compliance	Rationale: Before City Light property is sold the area must be evaluated for any contamination. This project allows each property to be thoroughly investigated for contamination. Alternative(s): The alternative is to pass on contaminated properties to new owners and therefore incur long standing environmental liability.	500 Newhalem Creek Rd, Marblemoun t, WA 98267	\$348
MC-CL- XF9152	Environment al Safeguarding and Remediation of Facilities	Rationale: Statutory fines for mishandling or releasing hazardous and dangerous materials can reach tens of thousands of dollars per day and civil liability claims for damages stemming from a release or spill can reach into the millions. More important is City Light's position, as a responsible member of the community, to safeguard the environment. Alternative(s): 1. Fund Program 9152. 2. Don't fund Program 9152 and address environmental issues as directed by environmental agencies using O&M funds. 3. Incorporate money in other capital projects to address environmental issues. 4. Shift risk by outsourcing or by purchasing environmental insurance.	Outside City of Seattle	\$72
MC-CL- XF9159	Workplace and Process Improvement	Rationale: This program defines a separate workplace improvement element devoted specifically to integrate people and processes within the built environment as opposed to the long term strategic asset management focus of other facilities programs. Projects proposed under this program are justified based on an asset life cycle that is typically shorter than that used for replacement or improvement of building elements serving multiple and varied work groups and processes. Implement properly authorized process improvement projects within one month of the agreed upon completion date. Alternative(s): 1. Fund Program 9159. 2. Eliminate Program 9159 and expense business function support projects. 3. Force individual business units to budget for their own improvements and institute a charge back system to bill them for materials and outsourced labor.	System wide	\$451
MC-CL- XF9161	Substation Comprehensi ve Improvement s	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	\$1,311

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

MC-CL- XF9233	Georgetown Steamplant Access Road	Rationale: The Georgetown Steamplant is a National Historic building of great interest to the public and one of the cultural sites of Georgetown itself. As an environmental justice community, it is important that the City provide access to residents and visitors to be able to show their rich history. Tours are provided to the public and we plan on operating the building as a museum in the future. Alternative(s): Several alternatives for an access route have been reviewed together with King County, and the current agreement includes the chosen alternative.	Off Wa 99 At King County Airport	\$1,478
MC-CL- XF9235	Denny Substation Tenant Improvement s	Rationale: The Seattle Design Commission operating under the guidelines set forth by the Urban Design Merit program unanimously approved the construction of the Denny Substation Project with the condition that the two shell spaces be developed as neighborhood enhancements. As stipulated by the Design Commission, the spaces shall be funded by the Capital Improvement Program, be fully programmed as part of the Denny Substation project and address any mitigation associated with vacating Pontius street. Alternative(s): Alternatives to not moving forward with this project would impact the overall Denny Substation Project - as it would impact the ability to vacate Pontius Street - which is critical to developing the planned Denny Substation for efficient layout of the yard and substation equipment. Options for the community center and the learning center are being explored through best value and benefit to the community and neighborhood, and City Light customers.	Valley Street	\$38
MC-CL- XF9320	Energy Conservation	Rationale: Energy reduction is a Department and City goal. SCL Conservation Unit's energy audits of our facilities will identify a program of projects to accomplish these goals. With documented savings, there will be recovery of some of the costs from BPA. Alternative(s): Do nothing. Continue to consume energy at existing levels.	System wide	\$1,100

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL-XP6102	Special Work Equipment - Generation Plant	<p>Rationale: Special equipment needs and new tooling frequently arise on an unpredictable basis. Technology obsolescence and evolution, which are not easily predicted, also play a part in replacement. This project provides some financial coverage for meeting these needs on a first-come, first serve basis. Without this authority, funding for special tooling and equipment would not be readily available and could take months to acquire. This category of acquisition often provides rapid payoff in terms of the efficiency of work execution. Alternative(s): The only alternative is to find some other way to fund special equipment needs that arise. For capital projects, this usually involves emergency appropriations involving the passage of special City ordinances. The time required for special appropriations could be prohibitively long when needs can not always be predicted or arise sometimes from an emergency nature.</p>	Outside City of Seattle	\$922
MC-CL-XP6385	Power Production - Network Controls	<p>Rationale: A 2003 Report from Westin Engineering identified limits to our automation, remote control and supervisory control capabilities at Skagit. Among other things, the report found that there are protocol issues within and between the facilities and between the facilities and the System Control Center. 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	\$158

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

MC-CL-XP6530	Hydro Project Spill Containment	Rationale: The project will implement upgrades that will either prevent spills, from oils, greases, fuels and other petroleum products, through process improvements and equipment replacement, or provide additional containment capacity for accidental spills. Options for reducing spills include replacing oil filled transformers with dry type transformers, building larger containment basins around oil filled equipment, reconfiguring powerhouse sumps to separate potentially oily water from non-oily water, installing oil/water separators on transformer and generator cooling water systems, and replacing greased valve bushings with greaseless bushings. Because each powerhouse is unique, different solutions will be designed and implemented at each facility. Alternative(s): No Alternatives Provided.	Outside City of Seattle	\$215
MC-CL-XP6600	SMT AutoLab	Rationale: This project supports continued new cyber security and automation projects. The existing equipment lab is too small and the HVAC system doesn't adequately cool existing equipment. Alternative(s): The project will also look at enlarging the existing lab on SMT 35, as well as looking at alternate spaces to create a new lab. Existing IT labs will be considered.	System Wide	\$114

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL-XP6990	Endangered Species Act Mitigation	<p>Rationale: This project protects and restores fisheries habitat in the Skagit and Tolt basins by implementing the Endangered Species Program for recovery of listed fish species that are potentially affected by City Light projects. The project scope includes land purchase, restoration, assessment, and management. The ESA prohibits harming listed species and their habitat. SCL's facilities impact these species since the dams have changed the downstream hydrology, affecting the rearing and spawning habitat for Chinook, and rearing habitat for bull trout and steelhead. When SCL lowers the flow to reduce generation (load following), thousands of chinook juveniles may be adversely affected. In addition, the Skagit Project separates the bull trout population into four distinct populations. Concerns have also been expressed about interference with access to spawning areas resulting from lower reservoir levels and the potential of entraining bull trout. Since SCL's licenses for the Skagit and Tolt were issued prior to the listing, they provide no protection for third party lawsuits under ESA. We have no "take" permit. SCL licenses can also be reopened by Federal agencies, e.g. the U.S. Fish and Wildlife Service, seeking additional measures to protect and restore the listed species. Alternative(s): 1. Complete the projects envisaged by the City Council and incorporated into the Recovery Plans for each basin and work to obtain legal protection. 2. Complete projects as budgeted, extending the timeframe. 3. Terminate the project at current expenditure levels. This would result in failure to carry out a Council and Executive mandate and increase the Department's liability under the ESA. We would not be able to obtain legal protection.</p>	Outside City of Seattle	\$1,154
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**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- XS6232	Skagit - Sewer System Rehabilitatio n	<p>Rationale: Sewer pipes in the Town of Diablo are so badly cracked and broken that high flows in the river raise the groundwater level above the sewer pipes. The sewage system attempts to drain high levels of ground water (a phenomenon called "infiltration") from the Skagit River through our sewage plant. The excessive plant flow upsets the delicate balance of bacteria in the sewage treatment plant that process the sewage, "washing out" the plant, causing it to stop functioning properly and releasing raw sewage into the Skagit River. This project will provide a design for a sewer pipe rehabilitation, which will eliminate the "washout" problem caused by groundwater infiltration. During heavy storms, the ground becomes saturated and groundwater enters sewer lines via breaks in the pipes, resulting in pipe flows that exceed the capacity of the treatment plant. When this happens, the sewage overflow is passed directly into the Skagit River without treatment. This sort of situation happens once every three to four years. Such sewage overflows, in addition to being a source of pollution affecting downstream users, causes a violation of our sewage discharge permit. When this situation occurs, we are required to contact appropriate authorities and are at risk of being fined. Alternative(s): 1. Do the project described. Replace all broken and deteriorated pipe lengths. Clean pipes with root penetration but no major breaks. This option provides maximum design life. 2. Do nothing: Sewage overflows, permit violations and sewer systems breakdown will result. 3. Pipe liners: Use an alternative pipe rehabilitation method in which a liner is placed inside the original pipe, leaving the existing pipe in place. Eliminates pipe cracks and leaking joints, but is a non-structural solution. 4. Perform a project that supports only the Reflector Bar infrastructure. The rationale is that Hollywood improvements would not be needed pending the outcome of the housing evaluation.</p>	Milepost 126 \$161 State Highway 20
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**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- XS6373	Ross Dam - AC/DC Distribution System Upgrade	<p>Rationale: The operation of critical components of the dam, such as gates, valves, and lighting, depend on the power distribution system. The electrical system is 50 years old and has been in service beyond its normal life expectancy. Extra space for breakers is not available, cable insulation is starting to strip, and the existing gear is not approved for lockout/tagout requirements. Presently there is a risk of losing power to the dam spillgates. New conduit and conductors will improve reliability of spillgate operations and other dam operations requiring electric power. New electrical equipment, new lighting, and the addition of emergency lighting will allow staff greater operational flexibility, safety, and efficiency. Alternative(s): Doing nothing will result in eventual loss of control of motors and valves used for water spill control and could cause the dam to be overtopped. Maintaining power to operational components on the dam (for instance the spillgate) is needed to ensure the operation of Ross, which provides an average of 100 megawatts.</p>	Milepost 128 State Highway 20	\$776
MC-CL- XS6405	Skagit Facility - Minor Improvement Program	<p>Rationale: Emergent capital projects are, by definition, unpredictable. This project provides some financial coverage for such projects on a first-come, first serve basis. Without this authority, funding for emergency work would not be readily available, and could take months to acquire. Setting up and monitoring separate capital projects entails considerable administrative costs which may unreasonably increase the cost of small projects, even when identified in advance. Covering such projects under the emergent project program allows for accountability and tracking at the subproject level, with minimal overhead costs. A recent example is Emergency Generators for the Wastewater Treatment Plants. Project Weighted Rating-40.8, Primary Rationale-Varies Alternative(s): The only alternative for emergent projects is to find some other way to fund emergency needs that arise. Usually, for capital projects, this involves emergency appropriations involving the passage of special City ordinances, among other things. The time required to cut through the red tape of special appropriations could be prohibitively long, given that the needs that arise are either of an emergency nature or cannot be predicted. The only alternative for planned small capital projects is to secure separate budgeting for each one by putting each small project into the same administrative league as multi-million dollar projects.</p>	500 Newhalem Creek Rd, Marblemoun t, WA 98267	\$2,468

*Amounts in thousands of dollars.

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MC-CL- XS6415	Skagit Powerhouses - Install Protection Relays	Rationale: Generator protective relaying at the Ross, Diablo, and Gorge plants does not meet present IEEE Standards. Protective relaying allows the system to automatically and instantaneously respond to surges and faults that may occur in transmission lines due to lightning strikes, load rejections, and other unexpected events, limiting the potential for damage when these events occur. Protection is currently inadequate for some equipment faults, which could lead to fire or additional equipment damage. Such damage can cause generator outages, lost revenues due to loss of generation, longer time to repair, and in some cases causing personnel injury. Project Weighted Rating-38.1, Primary Rationale-Reliability Alternative(s): No Alternatives Provided.	500 Newhalem Creek Rd, Marblemoun t, WA 98267	\$107
MC-CL- XS6515	Skagit Facility Conservation	Rationale: No Rationale Provided. Alternative(s): 1. Do nothing. 2. Perform work as detailed.	Newhalem Creek Rd, Marblemoun t WA 98267	\$484
MC-CL- XS6520	Skagit Facilities Plan	Rationale: The Skagit FERC Licensing agreement requires SCL to meet Section 106 of the National Historic Preservation Act of 1966, to take into account the effects of SCL's undertakings on historic properties. Additionally, the Skagit Licensing Agreement requires SCL to implement a historic resource mitigation and management plan demonstrating proper management of these resources. The Skagit Facilities Plan is SCL's commitment to meeting this licensing agreement requirement and results in better management of the overall resources and better operations and maintenance of the overall assets. Alternative(s): See the separate Skagit Facilities Plan that addresses alternatives. The alternatives include doing nothing, which does not conform to the FERC licensing requirements, and compromises our facilities as an asset to our power production operations and our civic and cultural stewardship responsibilities. The alternative to increase O&M resources (labor and budgets) is another option. This option improves facilities that are not required to meet program needs (improvements to vacant buildings).	Newhalem Creek Rd, Marblemoun t, WA 98267	\$817
MC-CL- XS6540	Skagit - Boat Facility Improvement s	Rationale: Design and construct several new structures to support industrial and recreational boat operations on our Skagit reservoirs. Structures to include a new tour dock, new dry dock, additions to the existing boat houses and a new barge landing in Diablo. Alternative(s): No Alternatives Provided.	Newhalem Creek Rd, Marblemoun t, WA 98267	\$290
MC-CL- XS6562	Ross - Governors	Rationale: The project will be best coordinated with the Bank 44 and 42 replacement projects in order to take advantage of the same outage. Alternative(s): No Alternatives Provided.	Ross Powerhouse	\$95

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- XS6564	Ross - Exciters 41- 44	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	Ross Powerhouse	\$756
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**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- XS6610	Diablo Dam - Spill Gate Trunnion Upgrades	<p>Rationale: FERC requires the floodgates on the dams be demonstrated regularly. Gates 2, 3, 14 and 15 at Diablo Dam were tested per FERC requirements in July 2013. Gate 2 trunnion had the highest friction of those tested. Along with the high numeric values there was mechanical noise from the trunnion when the gate was operated. Gate 2 was LOTO'd, and in 2014 the trunnion was disassembled, inspected and found to be deteriorated. The trunnion pins were cleaned of corrosion, the bronze bushing was replaced with like-kind new materials, and the unit was reassembled and tested successfully. After repairs to gate 2, Mechanical Engineering studied why gate 2 failed, establishing requirements for testing the other gates, and identifying a repair method. During this program, it was identified that: ? all the other gates (being of similar design) were at risk of failing by this method, ? the other gates tested at the same time were better than gate 2, but none met the standard of a coefficient of friction of 0.3 or less, ? replacement with like-kind materials offered only a renewal of the time. Maintenance inputs would remain the same (annual lubrication of 20 gates at approx. 3 hr/gate for a two-person crew) ? replacement with a permanent sealed bushing was the preferred method of rehabilitation. The project will rehabilitate all Tainter gate arms' trunnion bushings with new synthetic bushings that are permanently sealed and lubricated. Alternative(s): Do nothing and the Trunnions could seize up, causing a failure of the gate in the open position. This is considered a Dam Failure by FERC standards, and would be extremely costly to ratepayers. Replace with like-kind materials was performed for Gate 2. However there is no significant savings in labor to replace with like-kind (bronze), vs permanently lubricated, sealed, synthetic bushings. Materials savings only with this option, and maintenance continues as in the past which amounts to 2 persons @ 3 hrs/ea per gate, so for 20 gates about 120 person-hours for annual maintenance. Over the expected 75 year life, this amounts to a total of 9,000 hours @\$100/hr (total loaded rate) this amounts to \$900,000 in maintenance in 2014 dollars. Replace with new permanently sealed and lubricated synthetic bushings, labor is the same as for like-kind option, but materials are significantly more expensive than replacement with bronze bushings. However SCL can then avoid the maintenance cost of 120 person-hours annually and the \$900k in 2014 dollars for maintenance over the life of the improvement. The increased material cost for the new bushing type is \$2,660 per gate. That amounts to an upcharge of 53,200 for all 20 gates. As noted previously there is no labor difference between replace in kind vs these new bushings. The labor</p>	Milepost 126 Stte Highway 20	\$306
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*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

		savings in maintenance alone pays for the new bushing type.		
MC-CL- XS6986	Skagit - Relicensing	Rationale: Procurement of a new license for the Skagit River Hydroelectric Project from the Federal Energy Regulatory Commission (FERC) is required to continue operations. Alternative(s): No Alternatives Provided.	Newhalem Creek Rd, Marblemoun t, WA 98267 500	\$41,522
MC-CL- XS6991	Skagit Licensing Mitigation	Rationale: As part of the relicensing of the Skagit River Hydroelectric Project, City Light is required to provide mitigation for 30 years of continued project operation between 1995 and 2024. The license incorporates the Wildlife Settlement Agreement signed in 1991 by the City of Seattle and numerous interveners (Federal and State agencies, tribes, and environmental groups). This stipulates that the City shall make available a total of \$17,000,000 (in 1990\$) to secure and preserve valuable wildlife habitat. The charges to this CIP project will be credited towards the \$17,000,000 total. Alternative(s): 1. Perform work as scheduled in the Settlement Agreements and required by the license. This is the preferred approach to meeting our license obligations. 2. Delay implementation. This increases our liability since the bridge is falling down and poses a safety hazard which will only increase in future years. 3. Do not undertake some mitigation. This would have severe repercussions as the agencies and tribes are carefully monitoring our progress and participating as partners on many projects. They would likely contest our license should we not fulfill our commitments.	Newhalem Creek Rd	\$82

**Amounts in thousands of dollars.*

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MC-CL- YD9009	Communicati ons Improvement s	<p>Rationale: Project 9009 provides the necessary flexibility to address emergent communication system problems that arise between biennial budget requests. These tend to be smaller projects costing less than \$10K per incident. During any given year there are a variety of requests requiring immediate attention. In addition, this program includes small specific improvement projects that are too small to warrant uniquely assigned project numbers. Each of these small projects has a separate scope of work, schedule, budget, and tracking mechanisms. An example is the project to monitor tower movement on our transmission towers near Oso, WA. Alternative(s): Option 1: Respond to customer requests for emergent and critical work in a timely manner. This approach preserves operational reliability, safety and security. This project provides flexibility to respond to these unknown communications problems or requirements. The alternative to having PE 9009 is to make special requests to the City Council for budget appropriations when emergencies occur. This is time consuming and limits the department's flexibility to react to emergent communications problems. Option 2: Fund the project at a reduced level and incur the risk that emergent trouble cannot be met and worker safety, security and system reliability is compromised.</p>	System Wide	\$700
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**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- YD9102	Special Work Equipment - Other Plant	<p>Rationale: This project is a roll up of requests from individual work units in the Electrical Services Branch and other units in the department except for Generation Division (see CIP 6102) and Power Stations (see CIP 7902). All tools and work equipment over \$5,000 dollars must be capitalized. The purpose of this project is to collect these requests into a project to allow better tracking and review of the expenditures throughout the year. Requests have been reviewed and prioritized during the 2003-04 budget cycle and purchases deferred. The proper funding of tools for high voltage electrical and related work supports the department's goals of safety, productivity and employee morale. Alternative(s): 1. See description. 2. Do nothing. Do not allow units to purchase new tools or equipment valued at over \$5,000. This alternative is not acceptable as the department would be unable to meet the needs and expectations of our customers. 3. Prioritize and review the individual units' requests and adjust CIP to budgeted targets. This would be a new way to budget for this CIP. Individual units may need to defer equipment purchases and in some cases work may be deferred. Risks include the possibility that unplanned equipment failures in deferred equipment will delay work completion. Option 3 has been selected and only the highest priorities for equipment have been funded. This project is being funded at approximately one third the level that historically has been required.</p>	System Wide	\$794
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**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- YD9108	Transmission & Generation Radio Systems	<p>Rationale: This 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 SCL to meet the Federal Energy Regulatory Commission's vital communications systems requirements. Alternative(s): Option 1 Proceed as proposed. Option 2 Do nothing and continue to have systems that are incompatible with each other, require a high degree of maintenance, at greater cost, and in some cases, rely on commercial carriers for service and system protection; and/or face the loss of capability, capacity, coverage, licenses, and electrical system reliability. This alternative maintains the inadequate data exchange between sites, switches, feeders, meters, and communications systems and networks. Option 3 Install digital microwave instead of fiber systems at all substations and facilities. This is not cost effective, very difficult to locate land or space, design the system, acquire the land or space, provide power and get permits for adequate sites. Future upgrades are very difficult and expensive, and increases maintenance costs.</p>	System Wide	\$630
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**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- YD9202	Security Improvement s	<p>Rationale: If Seattle City Light's Security Improvements Program is underfunded, its critical facilities face increased risk to sabotage, vandalism, theft, and terrorism that can result in the loss of valuable infrastructure for generation and distribution of power, as well as noncompliance with North American Reliability Council (NERC) 1200 Standards, adopted May 2, 2006, to improve security at critical facilities that house command and control systems. Curtailment of Seattle City Light's electric operations would impact reliability of the power system in the Pacific Northwest, create lost revenues, and jeopardize public safety and emergency response due to loss of lifeline services such as medical services, water and wastewater systems, communications, law enforcement, banking, transportation system, etc. 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.</p>	System Wide	\$2,326
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**Amounts in thousands of dollars.*

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MC-CL- YD9307	Distribution Area Communications Networks	<p>Rationale: The communication systems now employed are in need increased capacity, better security, faster speeds, and increased reliability to meet new regulatory requirements. This will meet our ever increasing data and voice communication needs and take us twenty years or more into the future. Maintenance costs are lower because of increased redundancy and reliability as well as better system alarms and the capability to remotely troubleshoot and reprogram the system. Traffic on the network is easily rerouted until major failures can be repaired. The new requirements of security, relaying, Automated Meter Reading, Automated Distribution and other automated systems will be easier to implement at lower cost once this project is completed. The system is easily upgraded to increase capacity or take advantage of new technology as it becomes available. Alternative(s): Option 1 Proceed as proposed. Install/complete fiber optic rings. Option 2 Do nothing. Have an inadequate communications network, with a high expense O&M component.</p>	Citywide	\$2,396
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**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- YD9957	Enterprise Geographic Information System	<p>Rationale: MOVED FROM DESCRIPTION, 7/10/2013, WYKPI SJ UPDATED AS OF 4/13/2012, HIBNESM: The Enterprise GIS Initiative will support the Seattle City Light 2013-2018 Strategic Plan in these objectives: 1. Improve customer experience and rate predictability. 2. Increase workforce performance and safety practices. 3. Enhance organizational performance. 4. Continue conservation and environmental stewardship. Replacing our multiple, incompatible GIS systems with a single enterprise level GIS will eliminate redundant data entry into GIS and other systems, increase data quality and put information into the hands of the people who need it, when they need it, including engineering, operations, asset management and environmental affairs. An enterprise GIS will improve field worker safety and reduce the occurrence of expensive project changes in the field resulting from inaccurate or incomplete information. It will also streamline software maintenance and support requirements and ease integration to other future utility systems requiring access to GIS data. This new system will provide: 1. A centralized geospatial data store improving data access and interoperability to support other enterprise systems such as Outage Management (OMS), Work and Asset Management (WAMS), Mobile Workforce, System Planning/Analysis, Automated Utility Engineering Design (AUD), Advanced Metering Infrastructure (AMI) and Business Intelligence (BI). 2. Electronic and web based access to distribution, transmission, streetlight, joint use and fiber optics/communications infrastructure information. 3. A flexible, configurable system that can accommodate evolving business information needs. The additional transmission, streetlight, joint use and fiber optics information that the utility needs to maintain as we move to an asset centric maintenance and planning model essentially doubles the size of the GIS dataset. The number of staff supporting GIS needs has seen an overall reduction in the last decade. Alternative(s): This business case and proposal presents 3 options for dealing with the problem: A. Do Nothing B. Replace the current DAMS editor and convert TLM Services C. Install a new unified GIS system A. Do nothing. Do not fund the work. Continue to leave our Radial Distribution System's GIS data at risk, and by extension, baseline OMS functionalities. Apply additional resources to manually maintain systems using current tools. Write and support multiple custom interfaces and procedures to provide base line GIS data required by OMS & WAMS. Do not take advantage of new business processes and functionality of automation between GIS, OMS and WAM. B. Replace the current DAMS editor and convert TLM</p>	System Wide	\$790
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*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Services. The current DAMS editor was originally implemented in 1994 as a suite of custom applications using Environmental Systems Research Institute (ESRI) Arc/INFO GIS products. DAMS tools are so obsolete that SCL is no longer backward compatible with our City partners in the Common Geographic Data Base (CGDB). To begin addressing these issues, the existing DAMS editor needs to be replaced. This project would incorporate into the DAMS GIS the final piece of connectivity data, between the customer meter and the transformer that is currently stored in the separate Transformer Load Management (TLM) database. This work will position City Light to begin working toward a unified GIS and to better leverage our GIS investment through new and improved integration to other major IT systems. Examples might include: 1. The ability to replace obsolete engineering analysis and planning systems, such as TLM and NLM/Loadflow, with modern GIS based applications. 2. The ability to more robustly model the underground portions of our Radial distribution system. 3. The ability to move closer to a unified GIS, including both our Radial and Network distribution systems in a single GIS data store, at City Light. C. Install a new unified GIS system. This option would install a new unified

MC-CL-YD9967	Outage Management System Phase II Implementation	Rationale: See attachments Alternative(s): See attachments	Citywide	\$2,203
MC-CL-YD9969	Enterprise Software Solution Replacement Strategy	Rationale: This project is an ongoing commitment to provide a sustainable funding stream to keep enterprise level resources up to date and fully functional. Software systems today are as critical to operate City Lights business as poles and wires. The Utility can no longer afford to delay regular required upgrades and or replacements to the system. Alternative(s): City Light could decide not to upgrade the systems, as prescribed, but that could create a significant risk if the system goes unsupported by the vendor or if something were to happen with the software. Operations and Maintenance costs could rise significantly while attempting to maintain the software on our own.	City Wide	\$11,082

*Amounts in thousands of dollars.

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MC-CL- YN8129	Network Hazeltine Upgrade	<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	\$539
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**Amounts in thousands of dollars.*

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MC-CL- YN8130	Network Maintenance Hole and Vault Rebuild	<p>Rationale: The Network Maintenance Hole (MH) & Vault Rebuild project provides reliable electric service by repairing or replacing damaged electrical maintenance holes/vaults and ducts located within the network. This project also reduces unsafe working conditions for our workers and potential hazards to the public. In the 1990s, licensed engineering consultants conducted a series of structural surveys on approximately 1,200 underground maintenance holes and vaults. Based on the survey, 38 MH/vaults have been repaired or replaced at a cost of \$14.1Million. Subsequent additional surveys have been done. Our prioritized list of facilities requiring major repairs or replacements includes replacing 78 MH/vaults and 350 vault roofs. The vaults that we are replacing for the 2007-2008 period have exceeded their expected lifetime. These are among the oldest facilities and include brick structures in Pioneer Square that are approximately 100 years old. Replacing now provides an opportunity to construct a route for bringing main stem feeder service cables through the Pioneer Square area and to a significant portion of the Downtown core area (City Hall, Justice Center, Seattle Municipal Tower) rather than using the Alaskan Way Viaduct structure. By repairing or replacing six manholes/vaults, rebuilding at least 10 vault/manhole roofs and 2,800 feet of old clay tile duct banks. Surveys performed by licensed civil engineering consultants have identified 78 maintenance holes/vaults requiring replacement as well as roofs for an additional 350 underground right-of-way facilities. Alternative(s): Alternative 1 - No Action: Vaults and maintenance holes with failing structures and grates would be left in place until catastrophic failure. Problems associated with deferring repair work include reduced worker and public safety, increased City liability, increased City paving expense, negative impacts on traffic flow through downtown when repairs are not coordinated with SDOT's paving operations, and loss of use of City Light facilities for customer service needs. The no action alternative is never an option as too many facilities are in states of failure that require at least temporary shoring and loss of use, and many require immediate repair. Alternative 2: Perform temporary fixes to the highest risk facilities until permanent repairs are made at some unspecified future date. Without a specific project to repair vaults and maintenance holes, temporary shoring systems installed in failed facilities has the following challenges: a) Electric crews cannot perform electric work in the failed facility with shoring left in place, effectively resulting in loss of use of the facility. b) Placement and removal of temporary shoring reduces productivity of field</p>	System Wide	\$1,852
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**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

personnel. c) Wood shoring rots from continuous exposure to moisture has limited life in wet network environments. d) Temporary fixes using steel beams can be applied in facilities with few cables or obstructions from temporary supports. Such repairs require costly custom designs from Civil Engineers and could be applied only where manhole access is not needed for several years. Alternative 3 (Preferred): Make permanent repairs to those facilities in need and continually monitor condition of civil facilities. Work would be prioritized to those facilities in highest need of repair, those associated with new customer load additions and those affected by public right of way projects, such as street paving. Benefits of this approach are improved worker and public safety, reduced City liability, improved tr

**Amounts in thousands of dollars.*

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MC-CL- YN8201	Union Street Substation Networks	<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</p>	1312 Western AV	\$2,015
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**Amounts in thousands of dollars.*

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as possible and as close to near-term load requirements as possible. This is no longer feasible as the next increment of feeder capacity additions reach their final capacity targets. 4. Increase capacity of network feeders to the full limit of the substations capability to deliver power. 5. Add measures that improve system reliability to mitigate the severity of any network event. 6. Add measures that improve customer reliability by preventing the chain of events leading to major customer impacts.

MC-CL- YN8202	Massachusetts Street Substation - Networks	<p>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.</p>	1555 Utah Ave S	\$3,164
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**Amounts in thousands of dollars.*

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MC-CL- YN8203	Broad Street Substation - Network	<p>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.</p>	319 6th AVE N	\$2,331
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**Amounts in thousands of dollars.*

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MC-CL- YN8301	First Hill - Network	<p>Rationale: At present, capacity of the cables serving the First Hill network is exceeded in several areas, requiring operation restrictions to avoid cable failure and customer outages. In the next few years, four or more large customer loads are expected to be added, exceeding the capacity of cables. Based on projected new loads within the First Hill area (Harborview and Swedish Medical Centers), the electrical capacity of the cables serving the sub-network will be exceeded, requiring immediate action to avoid cable failures and long costly customer outages. This project will provide and overall electrical capacity increase of 32.4 MVA for First Hill Substation customers. 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 the department making commensurate additions to capacity of feeders serving this area. This would ultimately lead to multiple cable failures and extended customer outages. This would also leave the customer reliability of network systems at its present level, subject to infrequent but lengthy outages. 2. Reduce customer demand for more loads with demand side management measures. This alternative was evaluated in the Network Strategic System Plan and found to have a 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 substation's capability to deliver power. 5. Add measures which improve system reliability to mitigate the severity of any network event. 6. Add measures which improve customer reliability by preventing the chain of events leading to major customer impacts.</p>	1100 Madison St	\$3,620
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**Amounts in thousands of dollars.*

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MC-CL- YN8404	Denny Substation - Network	<p>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.</p>	Valley Street	\$10,647
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**Amounts in thousands of dollars.*

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MC-CL- YN8464	University Substation - Network	<p>Rationale: This project increases electrical capacity and reliability for University Substation customers in response to increased customer demand. At present, capacity of the cables serving the University network is exceeded in several areas, requiring operation restrictions to avoid cable failure and customer outages. In the next few years, larger customer loads are expected to be added, exceeding the capacity of cables. Based on projected new loads within the University area (University of Washington, Sound Transit) the electrical capacity of the cables serving the sub network will be exceeded, requiring immediate action to avoid cable failures and long costly customer outages. Alternative(s): 1. Do nothing. Make no improvements to system reliability or additions to feeder capacity. This would allow customer load to continue growing without the department making commensurate additions to capacity of feeders serving this area. This would ultimately lead to multiple cable failures and extended customer outages. This would also leave the customer reliability of the network system at its present level, subject to infrequent but lengthy outages. 2. Reduce customer demand for more loads with demand side management measures. This alternative was evaluated in the Network Strategic System 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 substation's capability to deliver power. 5. Add measures which improve system reliability to mitigate the severity of any network event. 6. Add measures which improve customer reliability by preventing the chain of events leading to major customer impacts.</p>	645 NW 45Th	\$366
MC-CL- YR8322	Dallas Ave. 26 kV Crossing	<p>Rationale: Boeing and the other industrial customers in this area have critical facilities (e.g., Boeing wind tunnels) that depend on reliable power. The additional feeders assure reliable power supply to Boeing's operations and local industrial plants and residences. The Boeing Company has lobbied our management and the City Council to ensure that this line is replaced. Alternative(s): The do nothing alternative would leave Boeing and others with reduced reliability and in violation of previous SCL commitment.</p>	Dallas Ave S	\$206

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- YR8351	Overhead Equipment Replacement s	Rationale: Equipment that is aging, overloaded, or of an outdated design poses a risk to the reliability of the system and could lead to unplanned outages and additional restoration expenses. By replacing the oldest and failing parts of our system, and those parts that are not made anymore, and we have no spare parts. We will replace items such as rotten and damaged cross-arms, transformers, hardware, old lead cable, PCB transformers, etc. By doing so, the system will be more maintainable and customer outages will be fewer and not as long. Alternative(s): The do nothing alternative leaves the existing system in place. As the aging and outdated equipment fail they will cause unplanned outages. This necessitates the immediate, unplanned replacement of these facilities. This causes hardship for the customers that are impacted and increased expense for City Light, especially if overtime is required to get the customers re-energized.	System Wide	\$48,718
MC-CL- YR8353	Underground Equipment Replacement s	Rationale: Avoid unplanned outages or interruption of service due to equipment failure. Alternative(s): The do nothing alternative would allow the equipment to deteriorate beyond its useful life and result in increased outages to customers.	System Wide	\$17,045
MC-CL- YR8355	Overhead Customer Driven Capacity Additions	Rationale: This project adds capacity to the distribution system to accommodate increased load from new services. Alternative(s): The do nothing alternative leaves the existing system in place. New loads added to the system will adversely impact system reliability and voltage stability. It may be necessary, if the load increase is significant, to deny new service connections if the feeder capacity is inadequate.	System Wide	\$2,579
MC-CL- YR8356	Overhead System Capacity Additions	Rationale: This project adds capacity to the distribution system to maintain the reliability level for the existing customers on the system and accommodate the increased load from new services. Alternative(s): The do nothing alternative leaves the existing system in place. New loads added to the system will adversely impact system reliability and voltage stability. It may be necessary, if the load increase is significant, to deny new service connections if the feeder capacity is inadequate.	System Wide	\$2,260

**Amounts in thousands of dollars.*

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MC-CL- YR8358	Overhead 26kV Conversion	Rationale: The existing 4kV equipment has lasted beyond its useful life and is no longer supported by manufacturers. In some places, the 4kV system no longer has the capacity to carry the system loads we are now experiencing. The system also demands ever increasing O&M resources. Alternative(s): The do nothing alternative leaves the 4kV system in place. The capacity concerns will remain and grow worse as more loads are added to the system. Obtaining 4kV equipment will become increasingly difficult and O&M will increase as the system continues to age.	System Wide	\$1,053
MC-CL- YR8360	Underground Customer Driven Capacity Additions	Rationale: This project adds capacity to the distribution system to accommodate increased load from new services. Alternative(s): The do nothing alternative leaves the existing system in place. New loads added to the system will adversely impact system reliability and voltage stability. It may be necessary, if the load increase is significant, to deny new service connections if the feeder capacity is inadequate.	System Wide	\$3,079
MC-CL- YR8361	Underground System Capacity Additions	Rationale: This project adds capacity to the distribution system to maintain the reliability level for the existing customers 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	\$2,551
MC-CL- YR8362	Underground 26kV Conversion	Rationale: 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. Alternative(s): The do nothing alternative leaves the 4kV system in place. The capacity concerns will remain and grow worse as more loads are added to the system. Obtaining 4kV equipment will become increasingly difficult and O&M will increase as the system continues to age. Operations and maintenance costs are not expected to change as a result of this project. The Capitol Hill Underground Ordinance area does not have capacity at 4 kV to serve the load growth in the area, thus requiring City Light to install vaults, ducts and underground at 26 kV.	System Wide	\$1,005

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- YR8425	Distribution Automation	<p>Rationale: The new distribution switching equipment is capable of intelligent controls. The integration of this equipment into the Seattle's distribution system will provide significant benefits and will set the stage for a Smart Distribution System that will become one of the main components of a Smart Grid. S&C Electric offers first generation switching equipment with compatible intelligence built in. Through this CIP, the Smart Distribution infrastructure can be designed, constructed, and operated until fully built out. With SMART GRID in place, operators of the distribution system can optimize the operation of our distribution system, reducing time for outage restoration and preventing some outages in the first place. A smart distribution system can also provide real time data of the system, maximizing the capability of the system, and may allow for deferment of capital expenditure. A fiber cable system that can support this operation has been partially constructed. This fiber ring project can continue and be expanded to provide adequate coverage for Smart Grid and other communication needs of Seattle City Light in the future. Fiber optics communication allows secure communications and meets NERC Cyber Security requirements. As the power system is changed or redesigned through usual needs to serve customers, automated switches can be installed in consonance with the integrated DA plan. Eventually the whole distribution system in Seattle Service Area would have a capability to become a Distribution Automation system. Alternative(s): 1. Business as Usual. Automatic switches will be installed as need arises. Power system switching will be done through manually operated switches. Outage restoration will depend on feeder patrols. 2. Expand pilot projects. Candidates are SODO, which is highly congested with power lines and serves the industrial customers, White Center & Burien areas, which have potential for growth, and south Duwamish commercial area. Include the South Lake Union area when the City decides to proceed with the development. Required? Yes. Distribution Automation needs to be a properly funded project. City Light will have a distribution system ready to deliver automation as part of a SMART GRID initiative.</p>	Citywide	\$2,998
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**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- YR8452	Pole Attachments	<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	\$16,057
MC-CL- YR9974	PCB Tracking and Condition Assessment Project	<p>Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.</p>	System Wide	\$300

*Amounts in thousands of dollars.

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MC-CL-YS7121	Replace Breakers BPA Covington and Maple Valley Substations	Rationale: City Light's interconnection agreement with Bonneville Power makes City Light the owner of the breakers in the Maple Valley Yard. City Light is required by this agreement to make upgrades as required. The breakers are currently over capacity due to the addition of another 500 kV line into the area. Alternative(s): If SCL does not replace the breakers, they may be forced to do so through legal means due to a breach of contract.	Kent	\$11
MC-CL-YS7750	Substation Plant Improvements	Rationale: The Power Stations CIP Review Committee evaluates subprojects for this category based on cost benefit ratios and departmental policies. Proposed work includes seismic improvements to old buildings, refurbishment of concrete buildings, upgrades to potable water systems, and construction of storage facilities for materials and tools. Incidental work that Power Stations do to improve station security is also funded in this project. Alternative(s): The water system at the North Substation is old, deteriorating, and becoming unreliable for drinking and for fire protection. Allowing the present systems to deteriorate may endanger employees and further put the safety and reliability of key system resources at risk. Additional seismic improvements are planned at Broad Street substation. Refurbishment of concrete structures is planned at North Substation. Storage facilities for tools and safety protective ground cables are planned for Delridge and East Pine substations. There are several levels of alternatives for improving security at Seattle City Light's fourteen substations. They range from installing more effective perimeter fencing, to adding remote monitoring systems, to catch intruders.	System Wide	\$1,108
MC-CL-YS7751	Substation Capacity Additions	Rationale: We plan to design the feeder get-aways to carry power from substations as needed. Alternative(s): The alternatives to making capacity additions to existing substations are: 1. Accepting limitations on service to customers. 2. Successfully promoting voluntary power demand reductions. 3. Meeting capacity demand increases by new substations and transmission lines.	System Wide	\$2,199

**Amounts in thousands of dollars.*

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MC-CL-YS7752	Substation Equipment Improvements	<p>Rationale: The project includes a regular program of critical electrical equipment replacements at the substations, because this equipment becomes less reliable as it ages. The 2005-2006 plans continue a program to provide supervisory control of breaker functions. This allows remote control and monitoring of substation equipment from the System Control Center, which allows the System Control Center to diagnose the seriousness of an equipment malfunction or switch equipment more quickly. This allows a faster response time to correct system instability or outages. Alternative(s): This project is where the utility funds work on equipment that the maintenance review process identifies as being more cost effective to replace or refurbish than to continue to maintain. A review team prioritizes replacements by their criticality rating. This is a figure provided by the System Control Center that identifies the components of Seattle's distribution infrastructure that are especially important to the system as a whole. For example, an equipment failure at Broad Street Substation may cause more of a problem than one at Canal Substation because it is not as easy to switch loads into the network grid.</p>	System Wide	\$6,117
MC-CL-YS7753	Relaying Improvements	<p>Rationale: Relays are protective devices that guard system components when electrical equipment fails. When a relay senses a problem with a major piece of equipment, it opens the circuit flowing to that component and isolates it from the rest of the electrical system. This protects the rest of the distribution system from potentially cascading effects if one part fails to operate properly. Recent technological advances in relay and protection equipment and software allow remote control and documentation of system events. The work plan includes installing digital fault recorder (DFR) equipment and software at the substations. City Light is changing electro-mechanical relay components to electronic, programmable devices. This will make it easier to detect and manage equipment problems. Alternative(s): Almost every change out of high voltage substation equipment requires that its relay and metering be reset and modified. Not continuing to have a significant relay improvement program would keep us using old technology that is not maintained by its manufacturers.</p>	System Wide	\$5,105
MC-CL-YS7755	Substations Demand Driven Improvements	<p>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.</p>	System Wide	\$5

*Amounts in thousands of dollars.

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MC-CL- YS7756	Interbay Substation - Development	<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	\$247
MC-CL- YS7776	Substation Transformer Replacements	<p>Rationale: To replace aging substation transformers before they fail in service. Alternative(s): The alternative is to accept the risk of a transformer failure and the consequent added cost and time for emergency replacement.</p>	2136 N 163rd St, Shoreline	\$5,050
MC-CL- YS7779	Substation Breaker Replacements and Reliability Additions	<p>Rationale: To replace aging substation circuit breakers before they fail in service. Alternative(s): The alternative is to accept the risk of a transformer failure and the consequent added cost and time for emergency replacement..</p>	System Wide	\$4,181

*Amounts in thousands of dollars.

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MC-CL-YS7783	Substations Oil Containment	<p>Rationale: The rationale of this project is to get City Light into compliance with the Clean Water Act regulations (Title 40, Code of Federal Regulations, Part 112) which require that oil containment measures be taken that will prevent oil spills into any streams or open bodies of water. During preparation of the Oil Spill Plans required by the regulations, a comparison of existing oil containment facilities was made with the recently revised (August 2002) regulations, which resulted in discovery of instances at 11 of our substations of design problems or capacity problems that should be resolved to fully meet the regulations.</p> <p>Substation Scope of Recommended Oil Containment: (Scott McLean's project estimates) Duwamish Sub - Add oil containment at the bus bays and potential transformers. Major issues are proximity to the Duwamish River, which with porous soils raises the prospect of an oil spill finding its way to groundwater and into the river in a short period of time. Broad Sub - Remedy the insufficient capacity of the oil containment system and lack of impervious sumps. Major issue with the existing system is that spilled oil can overflow the undersized unlined sumps into the combined yard drain sys (i.e. combined drainage and oil containment system) and from there into City drains. There is no oil containment in the E yard. Improve the system or set up a contingency plan. Bothell Sub 1. Provide lining for the currently unlined sumps at transformers and OCBs, and provide for separating the oil containment system from the drainage system. Major issues include unlined sumps; no oil containment for oil tanks at west side next to wetland, combined drainage/oil containment system can spread an oil spill into the yard gravel. 2. Retrofit with impervious sumps at bulk storage tanks with normally closed valve. 3. Pipe 3 CBs at SW yard to MH with OSV. East Pine Sub - Remedy the undersized combined oil containment system, which has the potential of overflowing i</p> <p>Alternative(s): 1. Implement improvements recommended by Oil Spill Plans as soon as possible, to obtain compliance with the applicable federal regulations (Title 40, Code of Federal Regulations, Part 112). 2. Implement recommended improvements over a phased period of time, to obtain compliance with the applicable federal regulations (Title 40, Code of Federal Regulations, Part 112), giving priority to the sites of highest environmental risk. This is the selected alternative. 3. Do nothing.</p>	System Wide	\$548
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**Amounts in thousands of dollars.*

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MC-CL-YS8424	Substation Automation	<p>Rationale: Seattle City Light's (SCL) remote monitoring and control of critical substation equipment from our system control center dates from the 1970s, when SCL led the industry's development. The basic configuration in each substation is unchanged since those early days. The configuration consists of a Remote Terminal Unit (RTU), which collects electric system measurements and status; forwards them promptly to the control center; conveys power dispatcher commands back to the substation to operate high voltage switches and circuit breakers for electric system reconfiguration in real time. Industry developments and the toll of decades have made necessary the upgrade of this system. The existing Remote Terminal Unit equipment is 40 years old, wearing out and cannot be replaced in kind because the equipment is no longer manufactured. It has insufficient capacity to address the needs of added substation sensors and controls, cannot offer the computerized capabilities of new technology, cannot support automation of the distribution system feeders radiating from the substations, is too slow to meet the speed requirements of new control applications, is energy inefficient and cannot support modern demands of sophisticated asset management of expensive high-voltage equipment, and it doesn't provide the insight into the operation of the substation that today's staff could be using to improve operation and maintenance practices. Further, an RTU failure will significantly affect the operation of the Automatic Generation Control (AGC) at the EMS. The AGC relies heavily on the RTU for accurate data acquisition of real time power flow on transmission lines to neighboring utilities, comprising the Western Interconnection governed by the Western Electricity Coordinating Council (WECC). The AGC enables the proper allocation of a pool of power generation to the appropriate load required by each utility customer. Loss of AGC due to RTU failure will in turn cause fines from the appropriate Alternative(s): Option I - Replace at Failure: This strategy poses significant business risk that will grow as the equipment ages. Currently, the average age is about 40 years old. This analysis assumes that this equipment will fail at an increasing rate at or before reaching 60 years old. The current technology can no longer be replaced or maintained because it is no longer manufactured. When the RTU fails, it will take one year to replace and require one year of manual operation, which adds approximately \$1Million of additional labor costs above the \$1.3 Million planned cost of replacement. Should SCL lose more than 2 RTUs in one year, it would take longer to replace and require more labor to manually operate the substations. However, replacing this equipment with</p>	System Wide	\$1,275
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*Amounts in thousands of dollars.

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modern technology will set the foundation to support future smart grid applications like AMI (Advanced Metering Infrastructure), OMS(Outage Management System), Asset Management applications, Distribution Automation, and reactive power management, to name a few. It will also allow SCL to meet future NERC compliance requirements for substation equipment and install intrusion control measures for substation security. Option II - Preferred Option: Planned RTU Replacement over 7 Years at a rate of 2 per year. This option will: Remove existing RTU. Install new server systems in every substation. Install supervisory control of feeders (30 feeders for each station) that serve network loads to allow remote control of feeder breakers from the EMS. Install group control of network feeders to enable load restoration in case of a sub-network or total substation outages. Install new annunciators and monitors for productive operator interfaces. Two other options were discussed but not pursued for this analysis. One alternative considered adding a server to each substation over 7 years, but did not propose to connect it. This option didn't return sufficient benefit and resulted in the disadvantage of prolonging the peri

MC-CL-YT7011	Transmission Capacity	<p>Rationale: The capacity of the system is based on winter and summer peaks, weather conditions, and N-1 criteria. Additional capacity shall be added to meet the planning criteria for power delivery of new load demand.</p> <p>Alternative(s): If transmission lines are overloaded, overhead wires could sag beyond National Electric Safety Code clearances causing an unsafe condition, and underground lines could exceed the insulation's temperature rating causing damage to the cable. In order to avoid these situations from overload, which could cause long term outages; shorter term load shedding would be used.</p>	System Wide	\$24
MC-CL-YT7104	Transmission Reliability	<p>Rationale: As structures, insulators and conductors reach their end of life expectancy and need to be replaced to maintain existing systems. To meet the National Electric Reliability Council and Western Electricity Coordinating Council reliability criteria, it is necessary to add additional transmission lines that are not capacity driven. Wood poles will have a shorter replacement life of approximately 40-60 years depending on condition assessment. Alternative(s): Allow the lines to fail before replacing them. This can cause a dangerous safety issue and will reduce the availability of the system at unscheduled and inopportune times. The August 2003 East Coast blackout has shown that inattention to the transmission system has large implications.</p>	System Wide	\$3,064

*Amounts in thousands of dollars.

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MC-CL- YT7105	Transmission Inter-Agency	Rationale: Seattle City Light is required to relocate facilities at the request of other agencies. Drivers for the relocations are road realignments, construction of facilities, regional upgrades, and changes in lighting. Inter-agency projects may or may not be reimbursable depending on real estate drivers. Alternative(s): Do not meet other agencies needs and potentially delay local, state, or regional construction programs. If interagency agreements are not met, there are usually contractual, permit, or franchise rights involved, which could lead to litigation.	System Wide	\$567
MC-CL- YT7125	Denny Substation Transmission Lines	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	System Wide	\$1,001

**Amounts in thousands of dollars.*

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MC-CL- YT8461	Transmission Line Inductor Installation	<p>Rationale: Rationale: This project is based upon a Memorandum of Agreement (MOA) between Bonneville Power Administration (BPA), Puget Sound Energy (PSE), and Seattle City Light (SCL), aimed at improving the reliability of the regional electric grid in the Puget Sound Area Northern Intertie (PSANI). Since the early 2000's, BPA has limited energy transfers between the Puget Sound area and Canada due to congestion in the Puget Sound Area. This project will reduce congestion and upgrade the reliability of the transmission system, reducing the risk of region-wide customer power outages in the future. Objectives for this project include: 1. Install series inductors on the Massachusetts to Union to Broad (MA-US-BR) and Denny to Broad (DN-BR) 115kV Underground Transmission Cable Lines in the downtown Seattle Transmission System by 2017. 2. Complete all Transmission System Improvements within the 2013 - 2018 CIP Forecast and Budget. 3. Complete all agreed upon Transmission System Improvements per the MOA by the end of 2017. 4. Complete necessary upgrades to existing substation and transmission equipment or structures to support Seattle City Light's 2013 - 2018 Strategic Plan Initiative for Transmission System Improvements. Project Goals: 1. Enhance customer experience and service reliability for SCL customers. 2. Reinforce transmission interties and interconnections with PSE and BPA. 3. Improve SCL asset strengths and load capacity on existing transmission systems. 4. Reduce the risk of region-wide customer power.</p> <p>Alternative(s): City Light belongs to the Columbia Grid, a regional transmission planning organization. SCL and other Columbia Grid members considered alternatives such as new phase shifting transformers, 500kV transmission lines, and additional underground cables. The goal of the regional analysis was to minimize costs and impacts using a one-utility approach for solving the transmission congestion issues. The selected projects were chosen after two years of transmission system studies and analysis. The 2011 report can be found in City of Seattle Ordinance 123779, as an attachment with a table of the alternatives considered.</p>	System Wide	\$285
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*Amounts in thousands of dollars.

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MC-CL-ZC9937	New Customer Information System	<p>Rationale: A Customer Information System (CIS) is a key information asset for all utilities. The CIS needs to support the business model and directions of the utilities. Products in the CIS market become less viable over time while others become more viable as they mature and evolve. The current billing system, Consolidated Customer Service System (CCSS), that supports customer billing and call center operations of SCL and SPU was implemented originally in 2000 and was upgraded in 2006. This mission critical system supports SPU and SCL call center utility billing functions. As such, it bills over \$900 million in annual retail revenues for both utilities and issues more than 5 million bills per year. The underlying technologies that support the CCSS system are obsolete and no longer supported by the vendor. Replacing CCSS with a new or revised customer care and billing system enables high priority business capabilities that are not currently supported within the existing or upgraded Banner product. Implementation is expected to take 30 months with the assistance of a systems integrator and/or a team of new and dedicated FTEs who will be responsible for the delivery of all project deliverables.</p> <p>Alternative(s): 1. Do nothing. This alternative will have Seattle maintain its business relationship with the current vendor and plan for future upgrades on a periodic basis, about every four years. 2. Contract for customization of the current version to enhance capabilities and functions. 3. Purchase an upgraded version of the application from the same vendor. 4. Replace the CCSS with a different CIS. This alternative will involve developing a strategic plan, a business plan, and procurement plan. This alternative will require a sizable upfront cost for implementation. The utility plans to conduct a business requirements study in 2012 to identify the benefits and costs associated with each option and assist in making the best choice.</p>	700 5th Avenue	\$3,109
MC-CL-ZC9972	Call Center Improvements - City Light	<p>Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.</p>	University District / Roosevelt / Northgate System Wide	\$45
MC-CL-ZL8377	Transportation Streetlights	<p>Rationale: 2010 EMS Streetlighting that SCL owns may need to be relocated for transportation purposes, just as other SCL facilities. Often SCL will pay to move all types of its facilities if a project is deemed a Transportation Project. Utilizing SDOT as the design and construction management consultant allows SCL to avoid being in the critical path of transportation projects. It also allows for leveraging engineering staff. Alternative(s): The do nothing alternative would hamper transportation projects and cause delays to the public.</p>		\$6,784

*Amounts in thousands of dollars.

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MC-CL-ZL8378	Streetlights: Arterial, Residential and Floodlights	<p>Rationale: Streetlights and floodlights are provided in public right of way, and on private property, for either public or private benefit. Often these lights are attached on existing City Light wood poles, but they may also be installed on separate metal poles, depending on the application. City Light owns the arterial and non-arterial lighting systems throughout the City of Seattle per Ordinance 119497. In other jurisdictions, franchise agreements may dictate City Light's requirement to support lighting needs. City Light has historically provided the resources to install street lighting. These capital costs are then reimbursed by the requesting party through monthly billing according to Seattle Municipal Code 21.49.060, Schedule T, Option C.</p> <p>Alternative(s): The do nothing alternative would deny new lighting, a service authorized by ordinance. In residential areas, public safety would remain at present levels. Along arterials, the existing aging system would deteriorate beyond usefulness and lag behind improved lighting standards.</p>	System Wide	\$4,334
MC-CL-ZL8441	Streetlight LED Conversion Program	<p>Rationale: 2010 EMS - This project will reduce annually 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. The savings in energy and maintenance costs will pay for the initial investment within the life of the new system. The overall goal of this project is to improve customer service and reduce cost. With a total system conversion, it is estimated that annual operating costs will be reduced from \$10,180,213.59 per year to \$6,510,231.31 per year. Debt service for system conversion capital cost may be made with these savings. Through 2011, 20,000 cobrahead residential fixtures have been installed. In 2012, residential conversion will take place from the southern border of City Light's service area to Brandon St. The 2013 conversion effort includes residential and minor collector arterials in Zone 2 (250 watt High Pressure Sodium replacements), from Brandon St to Denny Way. Complete conversion of the residential streetlights completion anticipated by the end of 2014. Arterial cobrahead luminaire conversion will continue through 2017. Ornamental LED conversion anticipated through 2021.</p> <p>Alternative(s): No Alternatives Provided.</p>	Citywide	\$2,983
MC-CL-ZL8481	Seattle Waterfront Streetlight Installation	<p>Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.</p>	1312 Western AVE	\$6,385

*Amounts in thousands of dollars.

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MC-CL-ZS8054	Meter Additions	<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	\$3,830
MC-CL-ZS8350	Overhead Outage Replacements	<p>Rationale: During unplanned outages, work often must be done that requires the complete replacement, rather than repair just one piece of equipment that is normally capitalized. This includes poles and transformers. This project is intended to capture those expenditures. Alternative(s): During an unplanned outage, feeder switching will restore most, if not all of the affected customers. The do nothing alternative possibly leaves the few affected customers without power. The system also remains in its damaged condition which severely limits the flexibility to switch the feeders to allow for other outages, both planned and unplanned. Planned outages are needed to accommodate line moves and other system work.</p>	System Wide	\$1,043

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

MC-CL-ZS8352	Underground Outage Replacements	Rationale: During unplanned outages, work often must be done that requires the complete replacement rather than repair just one piece of equipment that is normally capitalized. This includes cable and transformers. When there are no customer outages, the goal is to restore the system to its normal configuration within two months, unless customer driven construction mandates an earlier deadline or the magnitude of the scope of the outage makes this impractical. Alternative(s): During an unplanned outage, feeder switching will restore most, if not all, of the affected customers. The do nothing alternative possibly leaves the few affected customers without power. The system also remains in its damaged condition which severely limits the flexibility to switch the feeders to allow for other outages, both planned and unplanned.	System Wide	\$1,350
MC-CL-ZS8363	Network Additions and Services: Broad Street Substation	Rationale: The Broad Street Substation Network Additions and Services project connects approximately five small, four medium, and five large properties costing \$4.6 million and performs capacity additions work associated with service connections. These connections include condominiums, office buildings, medical facilities, hotels, and commercial and apartment buildings. Alternative(s): No Alternatives Provided.	319 6th AV N	\$10,901
MC-CL-ZS8364	Network Additions and Services: First Hill, Massachusetts, Union & University	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	\$3,903
MC-CL-ZS8365	Large Overhead and Underground Services	Rationale: There is a continuous demand for additional electric power services as new construction and renovation work occurs. Seattle City Light provides service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community focused organization. Alternative(s): Each service connection may have unique aspects that would require or facilitate design, construction, and financing alternatives. Seattle City Light will fully consider alternatives as a means to fulfill its commitment to be a customer and community-focused organization.	System Wide	\$3,371

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

MC-CL-ZS8366	Medium Overhead and Underground Services	<p>Rationale: There is a continuous demand for additional electric power services as new construction and renovation work occurs. Seattle City Light provides service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community focused organization.</p> <p>Alternative(s): Each service connection may have unique aspects that would require or facilitate design, construction, and financing alternatives. Seattle City Light will fully consider alternatives as a means to fulfill its commitment to be a customer and community-focused organization.</p>	System Wide	\$19,508
MC-CL-ZS8367	Small Overhead and Underground Services	<p>Rationale: There is a continuous demand for additional electric power services as new construction and renovation work occurs. Seattle City Light provides service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community focused organization.</p> <p>Alternative(s): Each service connection may have unique aspects that would require or facilitate design, construction, and financing alternatives. Seattle City Light will fully consider alternatives as a means to fulfill its commitment to be a customer and community-focused organization.</p>	System Wide	\$6,020
MC-CL-ZS8379	Normal Emergency	<p>Rationale: This project will collect costs related to the annual storm invoked work orders, which results in more accurate accounting for weather related and other emergency outage situations and leads to better planning for similar future events. SCL traditionally has budgeted for these events in the Outage capital project. This did not allow us to easily account for emergencies versus billed work, such as car and pole accidents. Separating these charges will allow us to track costs and feasibly plan for future emergency situations. Alternative(s): To continue to mix emergency and non emergency work in the Outage capital project. This project does not add a body of work but clarifies the accounting for it.</p>	System Wide	\$687
MC-CL-ZS8380	Major Emergency	<p>Rationale: This project will collect costs related to emergency work. This will result in more accurate accounting for weather related and other emergency outage situations. This project does not add a body of work, but clarifies the accounting for it. SCL traditionally has budgeted for these events in the Outage capital projects. This did not allow us to easily account for emergencies versus billed work such as car and pole accidents. Separating these charges will allow us to track costs and feasibly plan for future emergency situations. Alternative(s): To continue to mix emergency and non emergency work in the Outage capital projects.</p>	System Wide	\$2,885

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

MC-CL-ZS8405	Network Additions and Services - Denny	<p>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.</p>	Valley Street \$6,057
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**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL-ZS8426	Advanced Metering Infrastructure	<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</p>	Citywide	\$410
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**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- ZT8307	Alaskan Way Viaduct and Seawall Replacement - Utility Relocations	<p>access problems. Partial implementation would require reduced capital costs but substantially the same investment.</p> <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	\$6,408
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**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL-ZT8369	Overhead and Underground Relocations	<p>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.</p>	System Wide	\$4,080
MC-CL-ZT8435	State Route 520 Bridge Relocations	<p>Rationale: SCL is legally required to relocate its infrastructure to support transportation driven projects. Alternative(s): No Alternatives Provided.</p>	SR 520 / Lake Washington	\$7,478
MC-CL-ZT8471	Sound Transit Lynnwood - City Light	<p>Rationale: See alternatives. This is a legally required relocations project for SCL. Alternative(s): The Sound Transit Lynnwood Link project is a mandatory distribution system relocations project for SCL. Pursuant to SCL's status as a utility operating in the public transportation right-of-way, SCL is required by Washington State law to facilitate construction of new transportation projects by other agencies, such as Sound Transit. Therefore, this is not an optional project for SCL.</p>	City Wide	\$2,794

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle Department of Transportation

Project Name	Project ID	Project Capacity	Project Location	2021 Budget*
MC-TR-C004	Sound Transit - East Link	This project will provide design review, permitting, and construction support services for the Sound Transit - East Link project.	Citywide	\$70
MC-TR-C013	RapidRide Roosevelt	This project will increase the person-carrying capacity of Seattle transportation network and of the regional transit network.	VARIOUS	\$21,133
MC-TR-C019	Neighborhood Traffic Control Program	This program will install traffic calming devices on neighborhood streets.	Citywide	\$354
MC-TR-C020	New Traffic Signals	This project will install new traffic signals to improve traffic flow, reduce the frequency and severity of traffic accidents, and support pedestrian activity.	Citywide	\$1,867
MC-TR-C021	Next Generation Intelligent Transportation Systems (ITS)	This project will install new Intelligent Transportation System equipment to improve traffic flow.	Citywide	\$1,005
MC-TR-C029	Transit Corridor Improvements	This program implements projects that improve transit speed, reliability, access, and convenience, consistent with the Transit Master Plan.	Citywide	\$3,271
MC-TR-C030	Northgate Bridge and Cycle Track	This program will design and build pedestrian and bicycle improvements in order to increase safety and improve access to transit modes.	Multiple	\$6,064
MC-TR-C037	23rd Avenue Corridor Improvements	This project will install road improvements and improve the efficiency of Seattle transportation network and of the regional transit network.	23rd AVE S/E John ST/Rainier AVE S	\$3,290
MC-TR-C041	Non-Arterial Street Resurfacing and Restoration	This project is consistent with the priority placed on basic services and asset preservation, and protects the City's capital investment in non-arterial asphalt and concrete streets. City crews budgeted against this work are also those who respond to emergency events.	Citywide	\$1,797
MC-TR-C044	Burke-Gilman Trail Extension	This project will construct three miles of new multi-use trail.	VARIOUS	\$2,029
MC-TR-C047	Freight Spot Improvement Program	This project will improve mobility. Specific projects and the corresponding impacts on capacity are still to be determined.	Citywide	\$1,634
MC-TR-C050	Urban Forestry Capital Establishment	The initial estimate for establishment provided by SDOT Urban Forestry as a component of the Org Based Budget is subject to confirmation near the end of construction to ensure support to complete the 3 year establishment for trees and associated planting installed by the project. This coordination between SDOT Urban Forestry and CP&RS supports the close out capital projects in timely manner.	Citywide	\$9

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

MC-TR-C051	Madison BRT - RapidRide G Line	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	\$15,523
MC-TR-C062	Bike Master Plan - Protected Bike Lanes	This program will install bike lanes and bicycle route signing, and complete links or reconstruct key sections of urban trails in order to increase bicycle safety and access.	Citywide	\$9,188
MC-TR-C064	Vision Zero	This project will upgrade existing signals and signs, and install new ADA ramps, and pedestrian safety improvements.	Citywide	\$6,243
MC-TR-C072	Alaskan Way Main Corridor	The program will construct a new Alaskan Way surface street and public space.	VARIOUS	\$35,780
MC-TR-C087	SR-520 Project	This project will provide for the planning, design and EIS review on the SR 520 bridge replacement.	SR520 WB	\$1,951

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

Seattle Parks and Recreation

Project Name	Project ID	Project Capacity	Project Location	2021 Budget*
MC-PR-21001	Park Land Acquisition and Leverage Fund	This project will add acreage to Seattle's total park land acreage.	Citywide	\$2,582
MC-PR-21003	Develop 14 New Parks at Land-Banked Sites	This project will add 14 developed parks for active recreation to help meet the City's parks and open space goals.	Citywide	\$3,500
MC-PR-21004	Activating and Connecting to Greenways	This project will increase the number of miles of safe pedestrian routes for all ages.	Citywide	\$232
MC-PR-41029	Parks Upgrade Program	Capacity will depend on the project scopes that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	Citywide	\$808
MC-PR-41036	Comfort Station Renovations	ADA access will be improved.	Multiple	\$110
MC-PR-41039	Play Area Renovations	The project improves the safety and usability of the play areas, ensuring that Seattle's children can have a safe and enjoyable place to play.	Multiple	\$825

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle Public Utilities

Project Name	Project ID	Project Capacity	Project Location	2021 Budget*
MC-SU-C1111	Water Infrastructure- Water Main Extensions	This project will install approximately 8,000 feet of new watermains per year.	Citywide	\$2,016
MC-SU-C1112	Water Infrastructure- New Hydrants	This project will improve fire protection by increasing the number of fire hydrants in the city.	Citywide	\$50
MC-SU-C1504	Regional Water Conservation	This project will extend SPU's water supply by up to 11 MGD using demand reduction from customer upgrades in water-using facilities and equipment to be more water efficient.	Citywide and Regional	\$1,183
MC-SU-C1505	Seattle Direct Water Conservation	This project will upgrade water-using facilities to be more water efficient and accelerate conservation savings by 3 million gallons per day in conjunction with reservoir covering, other system efficiencies, and upgrades to low income customer facilities.	Citywide and Direct Service	\$681
MC-SU-C2302	South Recycling Center	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	\$900
MC-SU-C3604	Long Term Control Plan	This project will determine size and location of all future CSO control facilities within the City.	Various	\$100
MC-SU-C3610	Green Stormwater Infrastructure Program	This project increases capacity to convey combined sewer flows by slowing stormwater flows and reducing volumes entering the combined system, this is achieved by slowing, infiltrating or reusing stormwater.	Citywide	\$310
MC-SU-C3611	CSO Facility Retrofit	This project will retrofit, upgrade, and modify existing Combined Sewer Overflow reduction facilities.	Various	\$112
MC-SU-C3703	Pump Station & Force Main Improvements	This program will provide wastewater pump station improvements, upgrades, repairs and rehabilitation.	Various	\$8,993
MC-SU-C3802	Drainage Capacity Program	This program will provide flood control and local drainage and wastewater projects in under-served parts of Seattle to improve system capacity or increase the existing level of service.	Various	\$2,978
MC-SU-C3804	Sanitary Sewer Overflow Capacity	This project will add capacity to the existing sanitary sewer collection system to improve service and accommodate growth.	Various	\$3,799
MC-SU-C3806	South Park Stormwater Program	New Pump Station with capacity of 44 cubic feet per sec, an associated stormwater filtration facility will treat flows up to 11 CFS, with the balance of higher flows bypassing filtration and pumped directly to the river.	698 S Riverside DR	\$19,032

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

MC-SU- C3812	Broadview Long-Term Plan	Program does not increase capacity.	Broadview	\$4,158
MC-SU- C4107	Regional Facility - Other	This program will improve facilities at SPU's regional sites.	Regional	\$2,700

**Amounts in thousands of dollars.*

DEPARTMENT OF FINANCE AND ADMINSTRATIVE SERVICES

Project ID:	MC-FA-ADAIMPFAS
Project Title:	ADA Improvements - FAS
Location:	FAS facilities
2022 Proposed Budget:	5,267,714
Description:	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.

DEPARTMENT OF PARKS AND RECREATION

Project ID:	MC-PR-31008
Project Title:	Rainier Beach CC Debt Service
Location:	8825 Rainier AVE S
2022 Proposed Budget:	985,533
Description:	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.

Project ID:	MC-PR-41004
Project Title:	Aquarium Major Maintenance
Location:	1483 Alaskan WAY
2022 Proposed Budget:	1,252,000
Description:	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 no 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.

Project ID:	MC-PR-41017
Project Title:	Landscape Restoration Program
Location:	Citywide

2022-2027 Proposed Capital Improvement Program

Appendix B: Capital Projects passing the \$5 million threshold with the 2022 Proposed allocation.

2022 Proposed Budget: 305,000
Description: 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.

SEATTLE CITY LIGHT

Project ID: MC-CL-WC2250
Project Title: Energy Efficiency
Location: NA
2022 Proposed Budget: 28,393,643
Description: This ongoing project funds energy efficiency programs at City Light.

Project ID: MC-CL-WC3133
Project Title: Environmental Claims
Location: System Wide
2022 Proposed Budget: 11,636,595
Description: This ongoing project funds all environmental liability clean-up and remediation work on City Light owned and non-owned properties, whether voluntary or ordered by State or Federal environmental regulating agencies.

Project ID: MC-CL-XF9103
Project Title: Office Furniture and Equipment Replacement
Location: System wide
2022 Proposed Budget: 8,520,500
Description: This ongoing project provides renovations of office space and capital replacement of office equipment, including modular office workstations, conference room ensemble furniture, flexible group workspaces, and major office machines. Improvements will enhance worker safety, with improved light, airflow, and ergonomics, as well as enhance productivity and team collaboration. This project also supports the City’s Space Reduction Pilot, which aims to reduce the utility’s footprint in the downtown core by 25% to achieve cost efficiencies.

Project ID: MC-CL-XF9161
Project Title: Substation Comprehensive Improvements
Location: System wide
2022 Proposed Budget: 1,310,867

2022-2027 Proposed Capital Improvement Program

Appendix B: Capital Projects passing the \$5 million threshold with the 2022 Proposed allocation.

Description: 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.

Project ID: MC-CL-XS6232

Project Title: Skagit - Sewer System Rehabilitation

Location: Milepost 126 State Highway 20

2022 Proposed Budget: 161,097

Description: This project funds the replacement or repairs of 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.

Project ID: MC-CL-ZS8350

Project Title: Overhead Outage Replacements

Location: System wide

2022 Proposed Budget: 1,042,904

Description: 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.

Project ID: MC-CL-ZT8435

Project Title: State Route 520 Bridge Relocations

Location: SR 520 / Lake Washington

2022 Proposed Budget: 7,477,982

Description: This project provides relocation and installation of power service infrastructure, such as feeder extensions, to support WSDOT's replacement of the State Route 520 Bridge from Montlake to I-5. This project is projected to be fully reimbursable by WSDOT.

SEATTLE DEPARTMENT OF TRANSPORTATION

Project ID: MC-TR-C020

Project Title: New Traffic Signals

Location: Citywide

2022-2027 Proposed Capital Improvement Program

Appendix B: Capital Projects passing the \$5 million threshold with the 2022 Proposed allocation.

2022 Proposed Budget: 1,867,000

Description: 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.

Project ID: MC-TR-C054

Project Title: SPU Drainage Partnership - Broadview Pedestrian Improvements

Location: Various

2022 Proposed Budget: 8,099,889

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-C060

Project Title: Bike Master Plan - Urban Trails and Bikeways

Location: Multiple

2022 Proposed Budget: 1,000,999

Description: 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.

Project ID: MC-TR-C096

Project Title: Georgetown to South Park Trail

Location: Various

2022 Proposed Budget: 4,289,131

Description: 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.

Project ID: MC-TR-C105

Project Title: Thomas Street Redesigned

Location: Thomas St. from 5th Ave N to Dexter Ave N

2022 Proposed Budget: 3,849,649

Description: 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.

Project ID: MC-TR-C112

2022-2027 Proposed Capital Improvement Program

Appendix B: Capital Projects passing the \$5 million threshold with the 2022 Proposed allocation.

Project Title: Structures Major Maintenance
Location: Citywide
2022 Proposed Budget: 3,659,999
Description: This program provides for major maintenance and rehabilitation of the City's bridges and structural assets that are maintained by the Roadway Structures Division. Examples of improvements that could be funded by this project include: electrical and mechanical upgrades of moveable bridge operating and control systems, repair of cracks and maintenance of concrete and steel structures, and site protection of bridge facilities.

SEATTLE PUBLIC UTILITIES

Project ID: MC-SU-C1128
Project Title: Distribution System Improvements
Location: Citywide
2022 Proposed Budget: 2,498,183
Description: This ongoing program 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-C3708
Project Title: Outfall Rehabilitation Program
Location: Various
2022 Proposed Budget: 500,000
Description: 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.

Project ID: MC-SU-C5404
Project Title: IT Infrastructure
Location: N/A
2022 Proposed Budget: 1,750,000

Appendix B: Capital Projects passing the \$5 million threshold with the 2022 Proposed allocation.

Description: 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.

SEATTLE PUBLIC LIBRARY

Project ID: MC-PL-B3100
Project Title: IT Infrastructure
Location: Various Locations
2022 Proposed Budget: 6,382,000
Description: This project represents system-wide Information Technology (IT) Infrastructure improvements for The Seattle Public Library, including enterprise equipment upgrades and integrated library system (ILS) replacement.

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 (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.