
CITY OF
Seattle, Washington

**2023-2028 Adopted
Capital Improvement Program**



PRINTED ON RECYCLED PAPER

In response to the Americans with Disabilities Act (ADA), material from the budget is available in alternative formats and languages. To make a request, or for more information, please call the City Budget Office at (206) 615-1962.

CITY OF SEATTLE

2023-2028 Adopted Capital Improvement Program

Mayor Bruce Harrell

City Budget Office

Julie Dingley, Director
Jeanette Blankenship, Deputy Director

Budget Leads:

William Chen	Jennifer Devore	Lisa Gaccione	Dave Hennes	Daniel Kirk	Zack Kuentz	Saroja Reddy
-----------------	--------------------	------------------	----------------	----------------	----------------	-----------------

Madeline Barch	Shino Fibbs	Jeanine Needles	Linda Taylor-Manning
----------------	-------------	-----------------	----------------------

Stephen Barham	Justin Hellier	Christie Parker	Leah Tivoli
----------------	----------------	-----------------	-------------

Kaitlyn Berger	Madeliene Hernandez	Trisha Patek	Nick Tucker
----------------	---------------------	--------------	-------------

Aaron Blumenthal	Wen Huang	Alex Rouse	Dayana Vice
------------------	-----------	------------	-------------

Jennifer Breeze	Anna Hurst	Joseph Russell	Caleb Wagenaar
-----------------	------------	----------------	----------------

Sarah Burtner	Akshay Iyengar	Adam Schaefer	Chloe Wilkes
---------------	----------------	---------------	--------------

Lorine Cheung	Miguel Jimenez	Rodha Sheikh	Kenneth Wong
---------------	----------------	--------------	--------------

Paulina Deschamps Ramirez	Alena Johnson	Greg Shiring	Michael Wypyszinski
------------------------------	---------------	--------------	---------------------

Kailani Deville	Elise Kalstad	Paige St. George	Alexandria Zhang
-----------------	---------------	------------------	------------------

Andrew Dzedzic	Ramandeep Kaur
----------------	----------------

City of Seattle
2023-2028 Adopted Capital Improvement Program

Table of Contents

Introduction

Reader’s Guide i
Overview..... 1

Culture and Recreation

Parks and Recreation 17
Seattle Center 119
Seattle Public Library 149

Transportation 163

Seattle City Light 285

Seattle Public Utilities

Drainage and Wastewater 469
Solid Waste..... 499
Water..... 513
Shared and Technology..... 563

Administration

Finance and Administrative Services 583
Information Technology 623

Appendix

Appendix A: New or Expanded Capital Facilities 647
Appendix B: Capital Projects Passing the \$5 Million Threshold 705

Glossary..... 711

Reader's Guide to the 2023-2028 Adopted Capital Improvement Program

The City of Seattle's 2023-2028 Adopted 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 2023 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 2023-2028 Adopted CIP totals \$7.45 billion over six years, with approximately \$1.5 billion of that amount designated for the 2023 budget year.

The 2023-2028 Adopted CIP is a compilation of all CIP legislative and administrative adjustments made through the end of 2022. This includes all legislative action that occurred in the following periods:

- 2022 Midyear Supplemental budget adjustments,
- 2022 Year-end Supplemental budget adjustments,
- Standalone legislation and administrative adjustments made prior to the year-end Supplemental.

All allocation totals listed in this document are the sum 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 2023-2028 Adopted CIP continues to incorporate the process that was developed in 2019 through the work of the capital department 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 2023-2024 Adopted Budget for more information on debt financing.

The 2023-2028 Adopted CIP includes approximately \$124 million in LTGO bond funding in 2023. The 2023 bonds will finance significant IT, transportation, city facility, and fire station projects.

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.

Federal Bipartisan Infrastructure Law (BIL) and Inflation Reduction Act (IRA)

The Bipartisan Infrastructure Law (BIL) provides \$550 billion nationally in new spending on energy and power infrastructure, access to broadband internet, water infrastructure, and other program areas. The majority of this new funding is divided into Formula Grant Programs and Discretionary (Competitive) grants. This federal funding may be disbursed to cities either directly or through state or infrastructure authorities such as transit authorities. Federal agencies responsible for appropriations are continuing to develop program and funding guidelines and implementation of these programs will be staggered over several years. The Inflation Reduction Act (IRA), passed in August 2022, includes \$369 billion in new spending to reduce greenhouse gas emissions, invest in clean energy technologies, and extend subsidies for the Affordable Care Act. The IRA is composed primarily of tax credits to private companies and individuals but includes some funding for granting programs as well.

The Mayor has established a process for review and tracking of grant applications for federal funding. This process involves an Executive Steering Committee composed of key department and Mayor's Office personnel that facilitate coordination, leverage opportunities between programs, provide central vision and direction to the City's BIL efforts, and keeps the Mayor's Office, City Council and other stakeholders updated on the City's progress.

Real Estate Excise Tax (REET)

Funding of the City's general government capital program is highly dependent on revenue from Real Estate Excise Tax (REET), 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 spiked in 2019, as sellers, particularly those of large real estate, rushed to close sales before the scheduled increase in state tax rates in January 2020. This, and the increased uncertainty brought about by the pandemic, led to a large drop in 2020 revenue from real estate valued above \$10 million. But in 2021 several large properties were sold again and together with rising home prices and the generally high residential sales, this led to a record high REET revenue. The Adopted Budget anticipates \$95 million in revenue in 2022, which is an 11% reduction in the forecast from the Proposed Budget. REET revenue is also expected to be significantly lower in the mid-term (2023-2025) as the housing market is expected to cool down and sales of homes are expected to decline due to lower demand as mortgage rates rise. As a result, the City Council adjusted a number of CIP Project budgets to align projected expenditures with the new revenue forecast.

The 2023-2028 Adopted CIP uses REET to make investments in asset preservation across the City's capital departments, to meet prior commitments by acquiring the Integrus building on the waterfront for a Waterfront Operations and Tribal Interpretive Center, and provides partnership funding for the rehabilitation of Memorial Stadium at Seattle Center.

The City's REET policy (Resolution 31952) requires a \$10 million REET fund balance reserve to protect against unexpected downturn in REET revenue collection and forecast. The City used \$4 million of the REET cash reserves to blunt the impact of a potential impact of COVID in 2021. The REET financial plan fully replenishes the reserve by 2023.

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 \$105.3 million in 2023. 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 Seattle Park District was passed by voters in 2014, with a goal to provide long term, stable funding to support recreation programming, parks projects and the critical needs for investment in major and ongoing maintenance. 2023 will be the first year of Cycle 2 of the Park District, which is proposed to provide over \$51.1 million in 2023 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 improvements to the Fire Station Headquarters and growing capital needs at police facilities. This CIP provides funding for a new Fire Station 31 in North Seattle, as well as continued support of police facility improvements.

Electrifying the City’s Fleet

The Green Fleet Action Plan (GFAP) and Mayoral Executive Orders established the need for a capital program to plan for the future support of rapid electrification of the City’s fleet and also support decarbonizing facilities to promote sustainability. The Drive Clean Seattle program originally funded four major projects to install vehicle charging infrastructure to support transportation electrification to meet greenhouse gas emission reduction goals for the City. This CIP provides additional funding, propelling the next phase of prioritized projects to include bringing the necessary power upgrades to key fleet locations at both Charles Street and Haller Lake facilities. The power upgrades are needed to support large-scale electric vehicle charging hubs and future facility decarbonization.

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 is addressing critical transportation programs such as safe routes, relief of congested roadways and maintenance and repair programs. The Department is anticipating federal funding through the BIL and IRA bills that will help address some of these needs as well as fund enhancements in transportation electrification aimed at meeting the City’s climate goals.

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—is constructing 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 2023-2028 Adopted 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. In 2022, the Priority Hire program was expanded with \$250,000 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 2023-2024 Adopted Budget further adds funding for FAS to procure technical assistance services for firms interested in doing business with the City, emphasizing assistance to WMBE firms through a \$300,000 investment of Jumpstart Payroll Expense Tax for economic revitalization. The objective is to continue 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.

2023-2028 Adopted Capital Improvement Program Summary

The 2023-2028 Adopted CIP totals \$7.45 billion for six years and includes approximately 511 projects¹. Approximately \$4.9 billion of the six-year total, or 65%, 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 \$1.39 billion (19%) 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 \$1.2 billion, or 16%, of the six-year CIP.

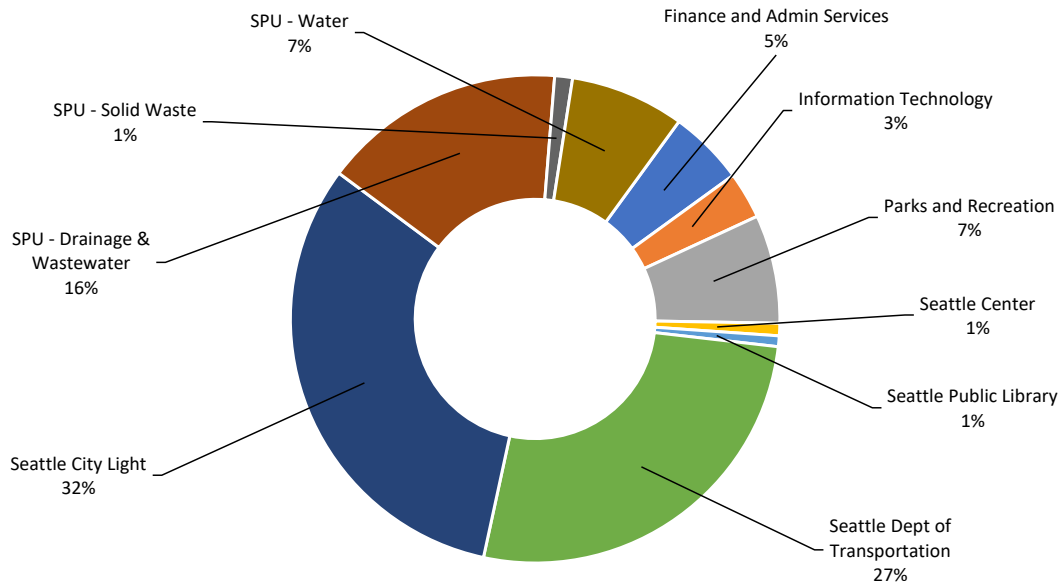
2023-2028 Adopted CIP by Department (000s)

Department	2022 Adopted	2023 Adopted	2024-2028 Adopted CIP	2023-2028 Adopted CIP Total
Finance and Admin Services	56,355	76,011	172,139	248,150
Information Technology	27,985	47,242	89,890	137,132
Parks and Recreation	98,295	109,466	590,137	699,603
Seattle Center	12,651	12,569	69,810	82,379
Seattle Public Library	11,245	10,842	23,386	34,228
Seattle Dept of Transportation	422,747	404,688	994,140	1,398,828
Subtotal	629,277	660,819	1,939,501	2,600,320
City-owned Utilities				
Seattle City Light	457,856	484,372	2,244,320	2,728,691
SPU - Drainage & Wastewater	213,919	244,970	1,038,870	1,283,840
SPU - Solid Waste	14,675	17,988	67,268	85,256
SPU - Water	94,154	114,890	641,303	756,193
Subtotal	780,603	862,220	3,991,760	4,853,980
City Total	1,409,881	1,523,039	5,931,261	7,454,300

Note: 2022 Adopted totals are based on the 2022-2027 Adopted CIP. Not all funds above are appropriated; see the 2023 Adopted Budget for a list of capital appropriations by department.

¹ The project total includes all projects with a CIP Project Page in the 2023-2028 Adopted CIP.

2023 Adopted CIP by Department - \$1,523 million



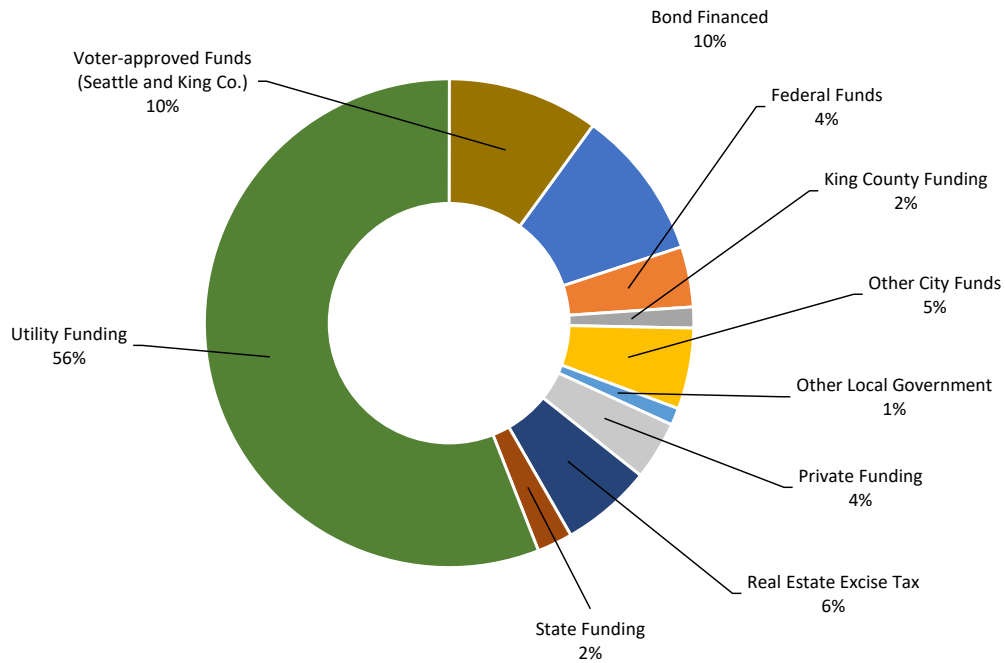
The table below identifies funding sources for the 2023-2028 Adopted CIP by Revenue Source Group

2023-2028 Adopted CIP Revenues (000s)

Revenue Source Group	2022 Adopted	2023 Adopted	2024-2028 Adopted CIP	2023-2028 Adopted CIP Total
Bond Financed	191,965	151,454	266,732	418,186
Federal Funds	10,348	60,801	72,512	133,313
King County Funding	33,182	21,105	25,383	46,488
Other City Funds	74,624	81,763	279,916	361,679
Other Local Government	19,282	17,276	24,231	41,506
Private Funding	23,120	59,153	29,970	89,123
Real Estate Excise Tax	124,600	91,520	363,752	455,272
State Funding	17,369	35,601	54,423	90,025
Utility Funding	771,255	852,332	4,015,423	4,867,755
Voter-approved Funds (Seattle and King Co.)	144,137	152,034	398,247	550,281
To Be Determined	-	-	400,672	400,672
Grand Total	1,409,881	1,523,039	5,931,261	7,454,300

Note: 2022 Adopted totals are based on the 2022-2027 Adopted CIP.

2023 Adopted CIP by Revenue Source - \$1,523 million



Asset Preservation

The four general government departments in the City’s CIP (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 require significant investments in preservation and rehabilitation each CIP period.

For 2023, the City will spend a total of \$45.7 million from the two Real Estate Excise Tax Funds and an additional \$108 million from various other resources on asset preservation and improvements for general government infrastructure in parks, libraries, civic buildings, and on the Seattle Center campus. The Department of Transportation will spend an additional \$31 million of REET resources and \$198 million of other transportation resources on infrastructure asset preservation and improvements during the 2023 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 2023-2028 Adopted CIP reflects this focus, and as highlighted below, supports neighborhood-scale capital investments in several different ways.

Neighborhood Matching Fund

The 2023 Adopted Budget maintains funding to Neighborhood Matching Fund (NMF) grant programs. A number of CIP projects, particularly in the Department of Parks and Recreation, include funding from NMF.

The City created the NMF in 1988 to provide funding to Seattle neighborhood groups and organizations for a broad array of neighborhood-initiated improvement, organizing, or planning projects. Many of these projects also support citywide initiatives such as Race and Social Justice, Youth Violence Prevention, Environment and Sustainability, and Neighborhood Planning. Awards range from a few thousand dollars (Small Sparks projects are up to \$5,000, and the Community Partnership Fund projects range from \$5,001 to \$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 2023, the Municipal Art Fund is estimated to receive approximately \$4 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)	2023 Adopted
City Light	\$398,676
Seattle Public Utilities	\$1,337,828
Seattle Center	\$31,150
Parks & Recreation	\$92,156
Transportation	\$2,129,109
Total	\$3,988,919

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 Council in October 2016. The City began the process of updating its Comprehensive Plan in 2021 and the work is scheduled to be complete in 2024.

The Comprehensive Plan helped inform the development of the 2023-2028 Adopted CIP as departments have taken special note of capital projects in neighborhoods targeted for substantial growth in the future or that have received substantial growth in the last few years. This effort is intended to make sure areas receiving growth have the appropriate physical infrastructure to accommodate such growth, while balancing the major maintenance of existing facilities, such as power distribution systems, pipes, community centers, swimming pools, libraries, and streets that are located throughout the City, not just in targeted growth areas.

Federal and State Regulatory Requirements

The City’s utilities have several facility projects in their Capital Improvement Programs to meet federal and state regulatory requirements. The City of Seattle must abide by the City's two National Pollutant Discharge Elimination System (NPDES) permits, one for storm water and one for combined sewer system. The City is required, for example, to invest hundreds of millions of dollars in the combined sewer/storm water system over the next several years to control the number of combined sewer overflows (CSOs) into receiving bodies of water, including Lake Washington and Puget Sound. 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) and is well under way with Boundary License implementation.

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 oversees 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) stewards a thriving and diverse system of parks, natural areas, community centers, boulevards, trails, playgrounds, fields and courts, pools, beaches, and so much more. Our parks and recreation system connects Seattle's residents and visitors to nature, provides opportunities to stay healthy and improve well-being, and celebrates the vibrancy of our city. Seattle Parks and Recreation also acknowledges and affirms the indigenous Coast Salish as the original caretakers of our landscape, who nurtured and shaped today's parkland. We honor their legacy with gratitude and appreciation and will safeguard their knowledge and stewardship as enduring treasures to promote community welfare, cultivate inclusive expressions of nature and recreation and commit to land acknowledgment for each ensuing generation.

The 2023-2028 CIP reflects increased capital investments from the second six-year funding cycle (Cycle 2) of the Seattle Park District. Following months of community and stakeholder engagement, Cycle 2 will invest approximately \$48.5M in capital programs across SPR's assets in 2023, with a similar commitment for the remainder of the six-year cycle adjusted for inflation annually. Cycle 2 prioritizes core major maintenance needs while making critical investments in climate actions, and clean safe and open parks and facilities. Details of the investments are included in the 2023-2028 CIP Highlights section.

Thematic Priorities

SPR's Capital Improvement Program (CIP) is focused on promoting healthy people, a thriving environment, and vibrant 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 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. 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. SPR and OPCD are meeting regularly to ensure alignment between the two departments efforts.

Aligning Capital Investments to Advance Climate Change Efforts

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 implementing our Climate Resiliency strategy, 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.

Investments in Climate Conscious Buildings are included in the next Park District funding cycle (2023-2028) to decarbonize certain SPR facilities. This funding, which is also being supplemented with one time Payroll Expense Tax Green New Deal (GND) resources, will support the conversion away from the use of fossil fuel (primarily natural gas) heating systems to systems that rely on electricity primarily generated through hydropower, and will support conversion of the HVAC system, electrical service upgrades, and building envelope improvements to meet energy code requirements. In many cases, this work will provide cooling and improved air filtration in facilities, improving adaptiveness to extreme heat and smoke events.

The Park District provides \$2M in seed funding to leverage within planned renovation projects to add decarbonization and provide match funding for external grants. Funding will also provide one solar array per year to be coordinated with the department's existing roof replacement program and reduce the total load to the electrical grid. Park District funding will support decarbonization of approximately 6 buildings in Cycle 2. An additional \$1M of GND funding in 2023 will further support these efforts in alignment with the Executive's climate resilience hub strategy (being led by the Office of Sustainability and Environment).

Urban Canopy Investments are also included in the 2023-2028 CIP to support the Green Seattle Partnership (GSP) with an additional \$970K in funding. This program is an innovative collaboration between SPR, community organizations, and hundreds of volunteers and Forest Stewards to restore Seattle's natural areas. The Park District restores a \$970K capital reduction taken by the program in the 2019 budget starting in 2023.

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.

The Asset Management Plan consists of prioritized lists of work that needs to be accomplished for specific asset classes (for example: play areas, restrooms, irrigation systems, athletic fields, etc.). Projects are prioritized within and between these classes 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. Class-specific criteria such as reserved hours (for event/athletic facilities for example) or the presence of related amenities or park classification may also be used to guide prioritization.

Projects are prioritized based on the criteria above and are budgeted based on their projected spend. Many of our projects take 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. If project timelines shift, funding is adjusted to align with the revised spending projections.

2023-2028 CIP Highlights

SPR’s 2023-2028 CIP budget across all funds is \$109.5 million in 2023 and reflects a wide range of discrete projects and ongoing programs with a mix of funding sources. Of this amount, approximately 44% (~\$48.5 million) is from the Park District (including both Cycle 1 baseline and Cycle 2’s expanded investments). Highlights on new Park District investments include the following.

Park District

Line of Business	Capital Project	2023 Change	Notes
Asset Management & Life Cycle Planning	Magnuson Major Maintenance	778,752	Creates a new ongoing capital program specifically to address building and infrastructure needs at Magnuson Park that exist primarily due to the condition and design of facilities handed over with the original acquisition from the U.S. Navy. Identified major needs pertain primarily to buildings, roads, and pathway infrastructure.
	Comfort Station and Shelterhouse Renovations:	2,130,528	Increases resources available to provide much needed refreshes to comfort stations and shelter houses including replacing windows, finishings, plumbing fixtures, partitions, and roofs, meeting accessibility requirements, and providing non-gender specific restroom options. This reduces the lifecycle replacement time from the current 42 years to an average of 30 years.

Seattle Parks and Recreation

Line of Business	Capital Project	2023 Change	Notes
	Play Area Renewal	1,060,800	Provides additional funding for SPR to renovate play areas on a 26-year cycle, a timeline more closely aligned with industry standards and the expected service life of most equipment. Specifically, these funds would allow SPR to renovate 1 additional play area annually, for a total of 5-6 annually including base funding.
	Pool Major Maintenance	1,018,368	Provides additional funding for SPR to address a backlog of pool major maintenance and accessibility upgrades. Investments include roof replacements, structural upgrades, mechanical system upgrades, and locker room renovations (many of which have not been upgraded since their construction in the 40's, 50's or 70's and do not meet accessibility standards). Specifically, these resources would allow for an additional 2 pool renovations in Cycle 2, for a total of 5 pool renovations including baseline funding and assuming receipt of external grants.
	Racket Sport Maintenance & Expansion	2,485,531	Improves conditions for indoor and outdoor tennis and pickleball play and increase capacity for both sports. This allows SPR to build a new dedicated pickleball court site and catch up with deferred maintenance of tennis and pickleball courts across the city. Please note the 2023 amount includes one-time funding of \$1.6 million; see the CIP project page for the annual amount in other years.
	Accessibility Barrier Removal	1,349,837	Adds additional funding to increase efforts to make parks and facilities accessible to all users. This item supports compliance with the Americans with Disabilities Act (ADA), enabling SPR to make significant progress toward addressing all items listed on the Citywide Barrier Removal Schedule, a list of documented accessibility barriers at some of the most heavily programmed City-owned facilities that has been gathered through a combination of Department of Justice (DOJ) citations and consultant assessments. Specifically, the addition of these new funds to an existing baseline would reduce the timeline for removal of all barriers from approximately 48 years to 28 years.
	Unreinforced Masonry (URM) Retrofits	300,000	Launches a program to assess and retrofit SPR's portfolio of unreinforced structures in anticipation of new city requirements to be developed by Seattle Department of Construction and Inspections (SDCI) within the next few years. It will enhance the safety of these facilities for users and increase the possibility that they will be serviceable after a major earthquake. Resources for planning are included in 2023 and 2024, with an assumption of debt later in Cycle 2 to fund construction costs.

Seattle Parks and Recreation

Line of Business	Capital Project	2023 Change	Notes
	Climate Conscious Buildings	1,996,800	Launches new program to decarbonize certain SPR facilities, by reducing reliance on fossil fuels for heating, air conditioning, and water heating within its building portfolio. The projects in this program will convert our facilities away from the use of fossil fuel (primarily natural gas) heating systems to systems that rely on electricity primarily generated through hydropower, and would support conversion of the HVAC system, electrical service upgrades, and building envelope improvements to meet energy code requirements. These funds would support a goal of decarbonizing half of SPR's community centers by 2028.; recognizing additional funds will be necessary to reach this goal.
	Sustainable Irrigation Replacement & Upgrade	329,472	Increases funding to replace SPR's aging irrigation infrastructure before it fails, and to install more efficient and climate change ready operating equipment that includes weather-based scheduling and leak detection. It also funds installation of remote water monitoring systems to provide early and actionable information to better protect the public and conserve resources. Along with the Water Reuse Partnerships proposal, these funds allow irrigation systems for 3-5 acres of to be renovated annually and 3-5 controllers to be upgraded annually.
	Water Reuse Partnerships	314,496	Funds a pre-engineering evaluation of 1-2 potential water re-use projects capturing stormwater runoff or rainwater harvest for use in irrigation. This work would be done in partnership with Seattle Public Utilities (SPU) and builds off a 2019 SPR Water Reuse Study. If feasible, future year funding would partially fund capital projects for implementation.
	Trails Major Maintenance	648,960	Creates a new dedicated asset renewal program focused on large-scale trail restoration. It enables SPR to address trails in the worst condition and those requiring significant capital investment (i.e., installation of check steps, elevated walkways, and bridges) for which design and permitting are likely required and which the trail maintenance crew or volunteers are not able to address.
	Rainier Beach Skate Park	\$2,000,000	Provides funding to support the community led Rainier Beach Skatepark project in partnership with the community and the Seattle Parks Foundation to create a state of the art multi use free public skate park in south Seattle.
	Little Brook Park	\$1,000,000	Provides funding to support the community led effort to redevelop the park in partnership with the Seattle Foundation.
	Kubota Gardens	\$200,000	Provides one time funding to support improvements at Kubota Gardens in 2023.

Seattle Parks and Recreation

Line of Business	Capital Project	2023 Change	Notes
Capital Development & Improvement	Amy Yee Tennis Center Renovation	4,000,000	Continues critical identified major maintenance improvements at Amy Yee Tennis Center. An initial phase of this work brought the facility up to minimum accessibility and safety standards; however, the roof remains in poor condition, the lighting, heating, and ventilation is poor, and structural upgrades are needed. Please note, the 2023 amount is not the entire budget for this project; another \$6M is planned later in Cycle 2.
	New Park Development	1,797,120	Provides funding for SPR to continue development of 8 sites for which land has been acquired but has not been developed into parkland. SPR estimates this would provide enough funding to fully develop 4 parks (Terry Pettus, Lake City Floodplain, Cayton Corner, and Gateway Park North), and fund Phase 1 development of 2 additional parks (Bitter Lake Reservoir and 1125 Harvard).
	Equity Fund Increment	1,540,000	Expands the resources available for the Equitable Park Development Fund (formerly Major Projects Challenge Fund) focused on partnering with communities to make improvements to parks and facilities in neighborhoods that have a history of racial disparities in access to green space and in safety from environmental harms. This investment would also help build capacity to ensure that the voices of those communities are heard, and their needs are met. Specifically, it would double the funding available for grant allocation over the existing base budget. The City Council, acting as Park District Board, dedicated all 2023 funds toward Marra-Desimone Park and the Garfield Super Block.
	Development of Remaining Land Banked Sites:	2,500,000	Provides funding for SPR to complete 5 new park development projects promised in Cycle 1 of the Park District, but for which funding was reallocated to support COVID response and recovery. Specifically, it funds park development of West Seattle Junction, 48th and Charlestown, Morgan Junction, Wedgwood, and A.B. Ernst Park. Please note, the 2023 amount is not the entire budget for these projects over the course of Cycle 2; see the corresponding CIP project page.
	Green Lake Community Center and Evans Pool Expansion or Rebuild:	3,500,000	Provides funding for planning and design to expand or rebuild Green Lake Community Center and Evans Pool, significantly extending the life and service of these highly used facilities. Please note, the 2023 investment supports planning and design; see CIP project page for additional financial details. Successful completion of an expansion or rebuild will require funding supplemental to the MPD Cycle 2 commitment.

Seattle Parks and Recreation

Line of Business	Capital Project	2023 Change	Notes
	Queen Anne Community Center Major Renovation:	2,000,000	Provides funding for planning and design for a major renovation of Queen Anne Community Center, with the assumption of debt funding later in Cycle 2 to support construction costs.
	Dog Off Leash Areas	200,000	Provides \$200,000 in on time funding to plan for several new Dog Off Leash Areas (OLA).
	Lake Washington Blvd. Trail Improvements	\$202,000	Provides \$202,000 in one time funding to support pedestrian access amenities along or adjacent to Lake Washington Blvd.
Urban Forestry (Restoration)	Urban Forestry Funding and GSP Restoration	1,307,000	Adds \$337,000 to support tree plantings in developed parks and provides \$970,000 in funding to the Green Seattle Partnership, an innovative collaboration between SPR, community organizations, and hundreds of volunteers and Forest Stewards to restore Seattle's natural areas.
		26,659,663	Total New or Increased Park District Capital Investments

2023: Key Changes by Fund

Park District (MPD): The previous section describes the key capital changes to the Park District fund.

Real Estate Excise Tax (REET): The 2023 Adopted CIP includes approximately \$22.3M in baseline REET funding and adds an additional \$2.1M (this includes a fund realignment with the General Bond Interest Redemption Fund noted below). The proposed budget had provided additional REET to SPR, in line with the intention of a 2019 budget action that utilized REET rather than Park District funding for certain major maintenance and community center rehabilitation projects, and in an effort to activate City Hall Park and renovate additional restrooms. However, prior to adoption of the budget, there was a reduction in forecasted REET revenues, which required a reduction in REET allocations across multiple departments. The impact in SPR reduced REET resources in Major Maintenance (\$2.2M in 2023 and \$3.6M in 2024) and deferred a restoration of Green Seattle Partnership by one year. It also delayed funding to several other projects, including ADA Compliance, Playground Renovation, Community Center Development and Rehabilitation; for these projects, REET resources were reduced in 2024 but added back in subsequent years of the CIP.

General Bond Interest Redemption Fund (BIRF): \$9 million remains in unused tax proceeds, eligible to support certain SPR capital program spending. The adopted CIP uses these funds to support SPR major maintenance projects (\$3.4 million in 2023, \$2.4 million in 2024, and \$3.2 million in 2025), and reduces an equivalent amount of REET funding, freeing these resources up for other uses citywide without decreasing support to SPR's major maintenance needs.

The 2023-2028 Capital Improvement Program includes other technical and/or budget neutral adjustments including aligning debt service payments with the actual debt service schedule.

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, the General Bond Interest Redemption 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 2014, voters in the city of Seattle approved Proposition 1 which created the Seattle Park District. A park district, also called a metropolitan park district, collects property taxes to fund parks and recreation services including park and facility maintenance, recreation facilities and programs, land acquisition, park improvements, and new park development on previously acquired sites. As an ongoing funding source, Seattle Park District property taxes provide more stable funding than time-limited levies allowing SPR to more effectively plan and schedule investments and provide some flexibility when emergencies arise. Due to the pandemic, planning for the next six-year Park District cycle was paused and one-year budgets were developed for 2021 and 2022. Cycle 2 was adopted in September 2022 by the Park District Board for 2023-2028.

Real Estate Excise Taxes (REET)

REET funding is used for asset preservation purposes, including ongoing major maintenance of existing assets and new parks or facilities. Funding has historically fluctuated significantly from year to year depending on changing forecasts and citywide priorities, and SPR tries to prioritize annual allocations on sustaining ongoing programs and investing in assets with the greatest need using an equity lens where possible. Examples of major maintenance programs supported fully or partially by REET depending on annual funding levels include small irrigation upgrades, trail maintenance, athletic field turf maintenance and improvements, paving restoration, landscape and forest restoration, and others. Examples of new parks or facilities supported by REET in the 2023-2028 CIP include the Soundview Playfield conversion and the replacement of the pedestrian bridge at Carkeek Park. Note that many projects are also supported by the Park District and other capital funds.

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, and SPR continues to spend down existing appropriations. Remaining appropriation of ~\$7M includes earmarks for acquisitions and various renovation projects currently underway or near close out.

Summary of Upcoming Budget Issues

Escalation and Associated Uncertainty

Like other City departments with significant capital project portfolios, SPR is experiencing unprecedented cost increases stemming from post-pandemic economic conditions. Costs for building materials remain escalated due to manufacturing issues, supply chain delays, and raw material shortages. Over the course of 2021, construction costs increased by 21.5% nationally and 26.1% in Seattle, which has impacted SPR's capital project costs. The department contains costs mostly through the reallocation of savings for completed projects, to the extent possible and through scope and scale changes as needed. In 2022, multiple projects had low bids that

significantly exceeded engineers estimates (and project budgets), sometimes by more than 50%. This uncertainty can make budgeting for projects at all stages of project development from initial planning through final design much more challenging.

ADA Barrier Removal Schedule

Addressing identified access issues in alignment with the ADA Barrier Removal Schedule (BRS) coupled with SPR's ongoing ADA work exceeds funding available. Based on a conceptual level planning estimate, SPR will need approximately 28 years at the currently planned funding levels to address all of the current BRS-identified barriers; this only addresses the BRS issues, not the total ADA needs across the entire parks and recreation system. The investments towards ADA outlined in the new Park District Cycle reduces the timeline from 48 years, which is a significant achievement, but much work remains.

Building Electrification

Executive Order 2021-09 directs OSE and all relevant capital departments (including SPR) to complete the Municipal Building Electrification Strategy by December 2022, "to plan for all municipal buildings to operate without fossil fuel systems and appliances no later than 2035." Even with a significant new investment in this work (\$2M in 2023 and \$4M in 2024 from the Park District, and \$1M in 2023 from the payroll tax), SPR's inventory of 65 buildings that remain heated by fossil fuels (including 10 pools) will take more time and resources to fully convert to alternative methods of heating and cooling.

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 2023 budget, this is a future liability which SPR will continue to monitor.

8th and Mercer Community Center Development

Project No:	MC-PR-41078	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	New Investment	Location:	Mercer St. and 8th Ave N
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 7
Start/End Date:		Neighborhood District:	
Total Project Cost Range:	14,200 - 21,300	Urban Village:	South Lake Union

This project will plan, design, and construct a new Community Center at Mercer St. and 8th Ave North. This project was approved by City Council as a public benefit in the sale of City-owned property at that location. The developer provides the space (25-year lease with up to 15 additional years through two options) with the City responsible for tenant improvements (estimated at ~ \$10 - \$15 million) and an ongoing commitment to operate the facility.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	-	-	-	-	17,000	-	-	-	17,000
Seattle Park District Revenues	-	-	-	750	-	-	-	-	750
Total:	-	-	-	750	17,000	-	-	-	17,750
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2025 Multipurpose LTGO Bond Fund	-	-	-	-	17,000	-	-	-	17,000
Seattle Park District Fund	-	-	-	750	-	-	-	-	750
Total:	-	-	-	750	17,000	-	-	-	17,750

Financial Planning Strategy: This is an early planning estimate; total project cost will be determined once the project is baselined at 30% design.

O&M Impacts:

* Funds 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.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Park District Revenues	764	455	241	251	261	271	282	293	2,819
Total:	764	455	241	251	261	271	282	293	2,819
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Park District Fund	764	455	241	251	261	271	282	293	2,819
Total:	764	455	241	251	261	271	282	293	2,819

O&M Impacts: NA

* Funds 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 accessibility improvements for people of all abilities at a number of parks facilities. Work is prioritized based on a combination of factors including the Citywide Barrier Removal Schedule, parks and facilities with the greatest amount of programming, and race and social equity. Examples of work consist of creating accessible parking and routes to activity areas, adjustments to signage, door closures, restroom fixtures, and other related work. This program is critical for providing access to Seattle Parks and Recreation facilities, parks, and programming to users of all abilities.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Federal Community Development Block Grant	840	-	-	-	-	-	-	-	840
Federal Grant Funds	697	2	-	-	-	-	-	-	700
Real Estate Excise Tax I	5,303	5,575	2,768	-	-	-	-	-	13,646
Real Estate Excise Tax II	2,861	1,172	500	500	2,270	3,230	2,000	2,000	14,533
Seattle Park District Revenues	-	-	1,350	1,404	1,460	1,518	1,579	1,642	8,953
Use of Fund Balance	-	-	-	-	-	-	-	-	-
Total:	9,700	6,750	4,618	1,904	3,730	4,748	3,579	3,642	38,672
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	1,537	3	-	-	-	-	-	-	1,540
REET I Capital Fund	5,303	5,575	2,768	-	-	-	-	-	13,646
REET II Capital Fund	2,861	1,172	500	500	2,270	3,230	2,000	2,000	14,533
Seattle Park District Fund	-	-	1,350	1,404	1,460	1,518	1,579	1,642	8,953
Total:	9,700	6,750	4,618	1,904	3,730	4,748	3,579	3,642	38,672

O&M Impacts: NA

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

Amy Yee Tennis Center Renovation

Project No:	MC-PR-41076	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	2000 Martin Luther King Jr. Way, S.
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 3
Start/End Date:		Neighborhood District:	
Total Project Cost Range:	8,000 - 12,000	Urban Village:	North Rainier

This project provides building envelope and structural upgrades to stabilize Amy Yee Tennis Center. Examples of work includes re-roofing, insulation, structural upgrades, and addressing the building water penetration from the hillside. New court heating and ventilation and lighting replacement would also be implemented if budget allows, in addition to other interior renovations as identified in in the 2019 feasibility study. These improvements would greatly improve the playing experience at the center and reduce the risk of additional deferred maintenance caused by the current roof and walls which have a number of known active leaks.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Park District Revenues	-	-	4,000	-	6,000	-	-	-	10,000
Total:	-	-	4,000	-	6,000	-	-	-	10,000
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Park District Fund	-	-	4,000	-	6,000	-	-	-	10,000
Total:	-	-	4,000	-	6,000	-	-	-	10,000

Financial Planning Strategy: This is an early planning estimate; total project cost will be determined once the project is baselined at 30% design.

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Private Funding/Donations	7,739	172	168	171	173	-	-	-	8,424
Real Estate Excise Tax I	1,747	-	-	-	-	-	-	-	1,747
Real Estate Excise Tax II	20,804	1,505	1,482	1,487	1,485	-	-	-	26,763
Total:	30,290	1,677	1,650	1,658	1,659	-	-	-	36,934
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	1,046	172	168	171	173	-	-	-	1,731
REET I Capital Fund	1,747	-	-	-	-	-	-	-	1,747
REET II Capital Fund	20,804	1,505	1,482	1,487	1,485	-	-	-	26,763
Unrestricted Cumulative Reserve Fund	6,693	-	-	-	-	-	-	-	6,693
Total:	30,290	1,677	1,650	1,658	1,659	-	-	-	36,934

O&M Impacts: NA

* Funds 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 5 - Construction	Council District:	Council District 7
Start/End Date:	2015 - 2023	Neighborhood District:	Downtown
Total Project Cost:	\$54,040	Urban Village:	Downtown

The Seattle Aquarium is owned by Seattle Parks and Recreation and operated by the non-profit Seattle Aquarium Society (SEAS). SEAS is planning a major expansion to the Aquarium's existing footprint to add new programming and visitor capacity. This project will provide a new Ocean Pavilion that will integrate with improvements made by The Office of the Waterfront along the Central Waterfront. SEAS also intends to make improvements to piers 59 and 60 to improve exhibit space and operations efficiency. Design and construction of the project is led by SEAS and coordinated with City investments by the Parks Department and Office of the Waterfront. This project is part of the overall waterfront improvement program and appropriates City matching funds for SEAS' project. Funding depicted in the table below represents committed funding for design. The City provided \$34 million to SEAS for design and construction through a funding agreement authorized by City Council in 2019. In 2022, the City and SEAS amended the Funding Agreement to include an additional \$20 million in Ocean Pavilion funding. The amended Funding Agreement includes an amendment to the existing Operation and Management Agreement (OMA) with Seattle Parks and Recreation, which establishes an annual Enhanced Facility Fee starting in 2023 through the remainder of the OMA (expiring in 2030). See CB 120396 for details of the Funding Agreement and OMA amendments. (Interfund Loan repaid with REET and shown as double budgeted in appropriation table.)

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	9,000	31,975	4,000	-	-	-	-	-	44,975
Real Estate Excise Tax I	4,586	39	-	-	-	-	-	-	4,625
Real Estate Excise Tax II	4,440	-	-	-	-	-	-	-	4,440
Total:	18,026	32,014	4,000	-	-	-	-	-	54,040
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2021 Taxable LTGO Bond Fund	9,000	-	-	-	-	-	-	-	9,000
2022 Multipurpose LTGO Bond Fund	-	11,975	-	-	-	-	-	-	11,975
2023 Multipurpose LTGO Bond Fund	-	20,000	4,000	-	-	-	-	-	24,000
REET I Capital Fund	4,586	39	-	-	-	-	-	-	4,625
REET II Capital Fund	4,440	-	-	-	-	-	-	-	4,440
Total:	18,026	32,014	4,000	-	-	-	-	-	54,040

O&M Impacts: NA

* Funds 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:	Ongoing	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:	N/A	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park and Recreation Fund	-	-	1,258	4,335	4,335	4,335	4,335	4,335	22,935
Real Estate Excise Tax I	-	780	1,613	1,734	1,736	1,736	1,735	1,735	11,069
Total:	-	780	2,870	6,070	6,071	6,072	6,071	6,071	34,004
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	-	-	1,258	4,335	4,335	4,335	4,335	4,335	22,935
REET I Capital Fund	-	780	1,613	1,734	1,736	1,736	1,735	1,735	11,069
Total:	-	780	2,870	6,070	6,071	6,072	6,071	6,071	34,004

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Park District Revenues	3,554	1,924	1,303	1,355	1,409	1,465	1,524	1,585	14,117
Total:	3,554	1,924	1,303	1,355	1,409	1,465	1,524	1,585	14,117
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Park District Fund	3,554	1,924	1,303	1,355	1,409	1,465	1,524	1,585	14,117
Total:	3,554	1,924	1,303	1,355	1,409	1,465	1,524	1,585	14,117

O&M Impacts: NA

* Funds 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:	\$1,675	Urban Village:	Not in an Urban Village

This project renovates the portion of the trail from the former 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
State Grant Funds	8	847	-	-	-	-	-	-	855
State Interlocal Revenues	390	86	-	-	-	-	-	-	476
Use of Fund Balance	18	326	-	-	-	-	-	-	344
Total:	415	1,260	-	-	-	-	-	-	1,675
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park Mitigation & Remediation	415	1,260	-	-	-	-	-	-	1,675
Total:	415	1,260	-	-	-	-	-	-	1,675

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Athletic Field Revenues	435	312	-	-	-	-	-	-	748
Miscellaneous Grants or Donations	-	200	-	-	-	-	-	-	200
Real Estate Excise Tax II	2,827	-	-	-	-	-	-	-	2,827
Total:	3,263	512	-	-	-	-	-	-	3,775
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	435	512	-	-	-	-	-	-	948
REET II Capital Fund	2,827	-	-	-	-	-	-	-	2,827
Total:	3,263	512	-	-	-	-	-	-	3,775

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	-	2,007	2,598	-	-	-	-	-	4,605
Real Estate Excise Tax II	1,707	5,955	-	-	647	2,947	-	-	11,257
Total:	1,707	7,962	2,598	-	647	2,947	-	-	15,861
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	-	2,007	2,598	-	-	-	-	-	4,605
REET II Capital Fund	1,707	5,955	-	-	647	2,947	-	-	11,257
Total:	1,707	7,962	2,598	-	647	2,947	-	-	15,861

O&M Impacts: NA

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

Ballard Commons Park Improvements and Playground Development

Project No:	MC-PR-21016	BSL Code:	BC-PR-20000
Project Type:	Discrete	BSL Name:	Building For The Future
Project Category:	Improved Facility	Location:	5701 22nd Ave NW
Current Project Stage:	Stage 3 - Design	Council District:	Council District 6
Start/End Date:		Neighborhood District:	Ballard
Total Project Cost:	\$1,000	Urban Village:	Ballard

As part of City Councils' review of the 2022 proposed budget, \$1,000,000 was added to Seattle Parks and Recreation (SPR) for the development of a new playground at Ballard Commons Park and to conduct needed remediation to the park due to overuse during the pandemic. This project is part of the Building for the Future BSL and uses REET I Capital Funds.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	-	1,000	-	-	-	-	-	-	1,000
Total:	-	1,000	-	-	-	-	-	-	1,000
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	-	1,000	-	-	-	-	-	-	1,000
Total:	-	1,000	-	-	-	-	-	-	1,000

O&M Impacts:

* Funds 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. Note: this Master Project is not funded in the future CIP; however this ongoing work will continue in future years to be fund out of the Major Maintenance Backlog & Asset Management Master Project.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Funds	1,143	378	-	-	-	-	-	-	1,521
Private Funding/Donations	9	478	-	-	-	-	-	-	487
Real Estate Excise Tax I	14	568	-	-	-	-	-	-	582
State Grant Funds	562	623	-	-	-	-	-	-	1,185
Use of Fund Balance	(21)	21	-	-	-	-	-	-	-
Total:	1,706	2,069	-	-	-	-	-	-	3,775

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Beach Maintenance Fund	432	169	-	-	-	-	-	-	600
Park And Recreation Fund	1,011	1,332	-	-	-	-	-	-	2,343
REET I Capital Fund	14	568	-	-	-	-	-	-	582
Unrestricted Cumulative Reserve Fund	250	-	-	-	-	-	-	-	250
Total:	1,706	2,069	-	-	-	-	-	-	3,775

O&M Impacts: NA

* Funds 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 expand water access and extend the useful life of boat moorages.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Concession Revenues	286	14	-	-	-	-	-	-	300
Real Estate Excise Tax I	270	6,044	-	-	-	-	-	-	6,314
State Grant Funds	49	1,228	-	-	-	-	-	-	1,277
Use of Fund Balance	(31)	31	-	-	-	-	-	-	-
Total:	575	7,316	-	-	-	-	-	-	7,891
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	19	1,258	-	-	-	-	-	-	1,277
REET I Capital Fund	270	6,044	-	-	-	-	-	-	6,314
Unrestricted Cumulative Reserve Fund	286	14	-	-	-	-	-	-	300
Total:	575	7,316	-	-	-	-	-	-	7,891

O&M Impacts: NA

* Funds 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 - 2023	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Voter-Approved Levy	1,053	16	-	-	-	-	-	-	1,069
Total:	1,053	16	-	-	-	-	-	-	1,069
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	1,053	16	-	-	-	-	-	-	1,069
Total:	1,053	16	-	-	-	-	-	-	1,069

O&M Impacts: NA

* Funds 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 - 2023	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
State Interlocal Revenues	11,389	-	-	-	-	-	-	-	11,389
Use of Fund Balance	582	268	-	-	-	-	-	-	850
Total:	11,971	268	-	-	-	-	-	-	12,239
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park Mitigation & Remediation	11,971	268	-	-	-	-	-	-	12,239
Total:	11,971	268	-	-	-	-	-	-	12,239

O&M Impacts: NA

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

Burke-Gilman Playground Park Renovation

Project No:	MC-PR-41073	BSL Code:	BC-PR-40000
Project Type:	Discrete	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	5201 Sand Point Way NE
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 4
Start/End Date:	2020 - 2023	Neighborhood District:	Northeast
Total Project Cost:	\$5,522	Urban Village:	Not in an Urban Village

This project will renovate the eastern portion of Burke-Gilman Playground Park to create an inclusive park space for people of diverse abilities. The current play area will be replaced with new play features along a renovated loop pathway with landscape improvements. The project will also include improved and expanded accessible parking, restroom improvements, and related work.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Funds	-	500	-	-	-	-	-	-	500
King County Parks Levy	355	445	-	-	-	-	-	-	800
Private Funding/Donations	-	2,946	-	-	-	-	-	-	2,946
Real Estate Excise Tax I	40	160	-	-	-	-	-	-	200
State Grant Funds	-	1,076	-	-	-	-	-	-	1,076
Total:	394	5,128	-	-	-	-	-	-	5,522
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Parks Levy Fund	355	445	-	-	-	-	-	-	800
Park And Recreation Fund	-	4,522	-	-	-	-	-	-	4,522
REET I Capital Fund	40	160	-	-	-	-	-	-	200
Total:	394	5,128	-	-	-	-	-	-	5,522

O&M Impacts:

* Funds 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 - 2025	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	-	2,214	2,686	-	-	-	-	-	4,900
Total:	-	2,214	2,686	-	-	-	-	-	4,900
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	-	2,214	2,686	-	-	-	-	-	4,900
Total:	-	2,214	2,686	-	-	-	-	-	4,900

O&M Impacts:

* Funds 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, finishes (walls and floors), and security. The renovations also may include reconfigured stalls, new toilets, urinals, and sinks, grab-bars, paint and finishes, and other related work, depending on the needs of a particular site. In some cases, a comfort station may be replaced or reconfigured to allow for non-gender specific accessible use. Comfort stations are prioritized for work based on the results of condition assessments while also factoring in race and social equity, emergent needs, and the location's status on the BRS schedule. Where priorities align, SPR also makes an effort to combine work at comfort stations with other work on the site.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
CRS Misc Revenues	303	2	-	-	-	-	-	-	305
King County Parks Levy	763	350	110	110	110	111	-	111	1,665
King County Voter-Approved Levy	1,382	-	-	-	-	-	111	-	1,493
Real Estate Excise Tax I	516	244	-	-	-	-	-	-	760
Real Estate Excise Tax II	432	133	-	-	-	-	-	-	565
Seattle Park District Revenues	-	-	2,131	2,180	2,231	2,284	1,440	1,497	11,762
Total:	3,395	729	2,241	2,290	2,341	2,395	1,551	1,608	16,549
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Parks Levy Fund	2,145	350	110	110	110	111	111	111	3,158
REET I Capital Fund	516	244	-	-	-	-	-	-	760
REET II Capital Fund	432	133	-	-	-	-	-	-	565
Seattle Park District Fund	-	-	2,131	2,180	2,231	2,284	1,440	1,497	11,762
Unrestricted Cumulative Reserve Fund	303	2	-	-	-	-	-	-	305
Total:	3,395	729	2,241	2,290	2,341	2,395	1,551	1,608	16,549

O&M Impacts: NA

* Funds 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 - 2023	Neighborhood District:	Multiple
Total Project Cost:	\$2,349	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Parks Levy	-	10	-	-	-	-	-	-	10
Seattle Voter-Approved Levy	1,098	1,252	-	-	-	-	-	-	2,349
Total:	1,098	1,262	-	-	-	-	-	-	2,359
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	1,098	1,262	-	-	-	-	-	-	2,359
Total:	1,098	1,262	-	-	-	-	-	-	2,359

O&M Impacts: NA

* Funds 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 all parks and recreation community centers. 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.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park and Recreation Fund	14	100	-	-	-	-	-	-	114
Real Estate Excise Tax I	22	4,546	-	-	-	-	-	4,497	9,065
Real Estate Excise Tax II	2,094	5,589	4,425	-	5,336	5,495	4,274	(52)	27,161
Seattle Park District Revenues	6,258	8,792	2,412	428	445	463	482	501	19,781
Total:	8,388	19,027	6,836	429	5,782	5,958	4,756	4,946	56,121
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	14	100	-	-	-	-	-	-	114
REET I Capital Fund	22	4,546	-	-	-	-	-	4,497	9,065
REET II Capital Fund	2,094	5,589	4,425	-	5,336	5,495	4,274	(52)	27,161
Seattle Park District Fund	6,258	8,792	2,412	428	445	463	482	501	19,781
Total:	8,388	19,027	6,836	429	5,782	5,958	4,756	4,946	56,121

O&M Impacts: NA

* Funds 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 - 2023	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. These projects increase and enhance capacity for community gardening throughout the city. 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Voter-Approved Levy	2,425	3	-	-	-	-	-	-	2,428
Total:	2,425	3	-	-	-	-	-	-	2,428
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	2,425	3	-	-	-	-	-	-	2,428
Total:	2,425	3	-	-	-	-	-	-	2,428

O&M Impacts: NA

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

Debt Service: Park District

Project No:	MC-PR-31010	BSL Code:	BC-PR-30000
Project Type:	Debt Service	BSL Name:	Debt and Special Funding
Project Category:	Improved Facility	Location:	Multiple
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	
Start/End Date:	2025 - 2048	Neighborhood District:	
Total Project Cost:	\$37,186	Urban Village:	Multiple

This project funds the 20-year debt service payment on bonds issued from 2025-2028 to pay for pre-committed Seattle Park District Projects.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Park District Revenues	-	-	-	-	5,367	11,888	14,980	14,980	47,214
Total:	-	-	-	-	5,367	11,888	14,980	14,980	47,214
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Park District Fund	-	-	-	-	5,367	11,888	14,980	14,980	47,214
Total:	-	-	-	-	5,367	11,888	14,980	14,980	47,214

O&M Impacts:

* Funds 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 - 2023	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Private Funding/Donations	756	194	-	-	-	-	-	-	950
Total:	756	194	-	-	-	-	-	-	950
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	756	194	-	-	-	-	-	-	950
Total:	756	194	-	-	-	-	-	-	950

O&M Impacts: NA

* Funds 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 6 - Closeout	Council District:	Council District 1
Start/End Date:	2014 - 2023	Neighborhood District:	Southwest
Total Project Cost:	\$1,400	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 of the seawall which was failing. The Army Corps of Engineers funded a study to determine the best option for replacement or repair of the seawall. The new seawall will minimize the impact on the beach, address rising seawater, and create better contours for the restoration landscaping on the landward portion of the overlook area. Parks and the Army Corps will share the costs of the project (Parks 35% and Army Corps 65%).

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Voter-Approved Levy	1,366	35	-	-	-	-	-	-	1,400
Total:	1,366	35	-	-	-	-	-	-	1,400
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	1,366	35	-	-	-	-	-	-	1,400
Total:	1,366	35	-	-	-	-	-	-	1,400

O&M Impacts: NA

* Funds 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. Note: this Master Project is not funded in the future CIP; however this ongoing work will continue in future years to be fund out of the Major Maintenance Backlog & Asset Management Master Project.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	202	-	-	-	-	-	-	-	202
Real Estate Excise Tax II	801	31	-	-	-	-	-	-	832
Total:	1,003	31	-	-	-	-	-	-	1,035
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	202	-	-	-	-	-	-	-	202
REET II Capital Fund	801	31	-	-	-	-	-	-	832
Total:	1,003	31	-	-	-	-	-	-	1,035

O&M Impacts: NA

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

Equitable Park Development 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 support community initiated improvement or upgrade projects to parks and facilities; with a focus on neighborhoods with a history of racial disparities regarding access to green space and safety from environmental harms. No match is required from community groups applying for this funding. Seattle Parks and Recreation will develop and administer a process by which projects will be selected and funding allocated. This funding can be used as seed funding for outside grants and private fundraising, to support initial feasibility work, or implement small responsive improvements in collaboration with communities. The department will be partnering with the Board of Parks and Recreation Commissioners (BPRC) for development of criteria for the fund and recognition of awards. This project was formerly called Major Projects Challenge Fund.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Funds	-	150	-	-	-	-	-	-	150
Misc Future Revenue/Grants	-	30	-	-	-	-	-	-	30
Private Funding/Donations	832	2,660	-	-	-	-	-	-	3,492
Real Estate Excise Tax I	-	1,250	-	-	-	-	-	-	1,250
Seattle Park District Revenues	4,128	5,793	3,111	3,235	3,364	3,499	3,639	3,785	30,553
State Grant Funds	131	2,379	-	-	-	-	-	-	2,510
Total:	5,091	12,262	3,111	3,235	3,364	3,499	3,639	3,785	37,985
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	963	5,219	-	-	-	-	-	-	6,182
REET I Capital Fund	-	1,250	-	-	-	-	-	-	1,250
Seattle Park District Fund	4,128	5,793	3,111	3,235	3,364	3,499	3,639	3,785	30,553
Total:	5,091	12,262	3,111	3,235	3,364	3,499	3,639	3,785	37,985

O&M Impacts: NA

* Funds 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 6 - Closeout	Council District:	Council District 2
Start/End Date:	2018 - 2023	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Parks Levy	-	11	-	-	-	-	-	-	11
Private Funding/Donations	495	5	-	-	-	-	-	-	500
Seattle Voter-Approved Levy	494	6	-	-	-	-	-	-	500
Total:	989	22	-	-	-	-	-	-	1,011

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	989	22	-	-	-	-	-	-	1,011
Total:	989	22	-	-	-	-	-	-	1,011

O&M Impacts: NA

* Funds 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 - 2023	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	263	18	-	-	-	-	-	-	281
Real Estate Excise Tax II	500	-	-	-	-	-	-	-	500
Total:	763	18	-	-	-	-	-	-	781

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	263	18	-	-	-	-	-	-	281
REET II Capital Fund	500	-	-	-	-	-	-	-	500
Total:	763	18	-	-	-	-	-	-	781

O&M Impacts: NA

* Funds 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 3 - Design	Council District:	Council District 7
Start/End Date:	2018 - 2025	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Private Funding/Donations	1,948	8,052	-	-	-	-	-	-	10,000
Total:	1,948	8,052	-	-	-	-	-	-	10,000
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	1,948	8,052	-	-	-	-	-	-	10,000
Total:	1,948	8,052	-	-	-	-	-	-	10,000

O&M Impacts: NA

* Funds 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 ongoing project supports the overall cleanup efforts at the Gas Works Park site (including the uplands and sediments), provides ongoing efforts to ensure the measures constructed for remediation of soils at Gas Works Park remain effective. Activities include maintenance and operation of soil cap and other institutional controls; and other related work. All measures of the project must be executed in accordance with the Consent Decree established in 1998, requiring Seattle Parks and Recreation, Puget Sound Energy, and the Department of Ecology to implement a Cleanup Action Plan and subsequent cleanup activities. The ongoing project, in coordination with SPU, supports the overall multi-agency cleanup efforts at Gas Works Park.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	402	-	-	-	-	-	-	-	402
Miscellaneous Grants or Donations	175	-	-	-	-	-	-	-	175
Real Estate Excise Tax I	2,113	147	-	-	-	-	-	-	2,260
Real Estate Excise Tax II	924	631	220	170	670	1,040	1,040	1,040	5,735
State Grant Funds	112	192	-	-	-	-	-	-	304
Total:	3,726	971	220	170	670	1,040	1,040	1,040	8,876
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Gasworks Park Contamination Remediation Fund	402	-	-	-	-	-	-	-	402
Park And Recreation Fund	287	192	-	-	-	-	-	-	479
REET I Capital Fund	2,113	147	-	-	-	-	-	-	2,260
REET II Capital Fund	924	631	220	170	670	1,040	1,040	1,040	5,735
Total:	3,726	971	220	170	670	1,040	1,040	1,040	8,876

O&M Impacts: NA

* Funds 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), along with other related items. Funding for golf improvements is provided by previous years golf operating revenues.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Golf Revenues	2,752	3,842	-	-	-	-	-	-	6,595
King County Parks Levy	-	-	(17)	(2)	(1)	-	5	1,071	1,057
King County Voter-Approved Levy	5,485	1,176	1,154	1,151	1,144	1,072	1,072	-	12,254
Total:	8,237	5,018	1,137	1,149	1,143	1,072	1,077	1,071	19,906
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Parks Levy Fund	5,485	1,176	1,137	1,149	1,143	1,072	1,077	1,071	13,311
Park And Recreation Fund	258	3,842	-	-	-	-	-	-	4,100
Unrestricted Cumulative Reserve Fund	2,495	-	-	-	-	-	-	-	2,495
Total:	8,237	5,018	1,137	1,149	1,143	1,072	1,077	1,071	19,906

O&M Impacts: NA

* Funds 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:	\$17,024	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. The project will expand Golf program capacity and revenues by implementing portions of the Golf Master Plan and related work, placing player experience and revenue generating improvements up front.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Golf Revenues	-	500	-	-	-	-	-	-	500
LTGO Bond Proceeds	15,821	704	-	-	-	-	-	-	16,524
Total:	15,821	1,204	-	-	-	-	-	-	17,024
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2010 Multipurpose LTGO Bond Fund	863	-	-	-	-	-	-	-	863
2011 Multipurpose LTGO Bond Fund	2,049	-	-	-	-	-	-	-	2,049
2012 Multipurpose LTGO Bond Fund	4,093	149	-	-	-	-	-	-	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	-	500	-	-	-	-	-	-	500
Total:	15,821	1,204	-	-	-	-	-	-	17,024

O&M Impacts: NA

* Funds 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 - 2023	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	1,387	286	-	-	-	-	-	-	1,672
Total:	1,387	286	-	-	-	-	-	-	1,672
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	1,387	286	-	-	-	-	-	-	1,672
Total:	1,387	286	-	-	-	-	-	-	1,672

O&M Impacts: NA

* Funds 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 Substantial Alteration

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:		Neighborhood District:	Northwest
Total Project Cost:	\$60,500	Urban Village:	Green Lake

This project will provide a comprehensive renovation of Green Lake Community Center and Evans pool to extend the life of the facility and update it to meet current programming needs, building code compliance, standards, and other related items.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	-	-	-	-	56,000	-	-	-	56,000
Real Estate Excise Tax II	1,000	-	-	-	-	-	-	-	1,000
Seattle Park District Revenues	-	-	3,500	-	-	-	-	-	3,500
Total:	1,000	-	3,500	-	56,000	-	-	-	60,500
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2025 Multipurpose LTGO Bond Fund	-	-	-	-	56,000	-	-	-	56,000
REET II Capital Fund	1,000	-	-	-	-	-	-	-	1,000
Seattle Park District Fund	-	-	3,500	-	-	-	-	-	3,500
Total:	1,000	-	3,500	-	56,000	-	-	-	60,500

O&M Impacts: NA

* Funds 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 - 2023	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Voter-Approved Levy	1,140	76	-	-	-	-	-	-	1,216
Total:	1,140	76	-	-	-	-	-	-	1,216
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	1,140	76	-	-	-	-	-	-	1,216
Total:	1,140	76	-	-	-	-	-	-	1,216

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Interest Earnings	305	-	-	-	-	-	-	-	305
Seattle Voter-Approved Levy	9,181	5	-	-	-	-	-	-	9,186
Total:	9,486	5	-	-	-	-	-	-	9,491
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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

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

Hiawatha Community Center Renovation-2008 Levy

Project No:	MC-PR-16010	BSL Code:	BC-PR-10000
Project Type:	Discrete	BSL Name:	2008 Parks Levy
Project Category:	Rehabilitation or Restoration	Location:	2700 California AVE SW
Current Project Stage:	Stage 3 - Design	Council District:	Council District 1
Start/End Date:	2014 - 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Voter-Approved Levy	175	1,018	-	-	-	-	-	-	1,193
Total:	175	1,018	-	-	-	-	-	-	1,193
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	175	1,018	-	-	-	-	-	-	1,193
Total:	175	1,018	-	-	-	-	-	-	1,193

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	2,870	218	219	220	221	221	220	-	4,190
Total:	2,870	218	219	220	221	221	220	-	4,190
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	2,870	218	219	220	221	221	220	-	4,190
Total:	2,870	218	219	220	221	221	220	-	4,190

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Property Sales and Interest Earnings	391	64	35	35	35	35	35	35	665
Total:	391	64	35	35	35	35	35	35	665
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Unrestricted Cumulative Reserve Fund	391	64	35	35	35	35	35	35	665
Total:	391	64	35	35	35	35	35	35	665

O&M Impacts: NA

* Funds 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 dog off-leash areas, most of which have aging infrastructure. Typical projects will improve Americans with Disabilities (ADA) access, address drainage and erosion issues, update aging infrastructure, and related work. These projects make these off-leash areas more accessible and safe for parks users.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax II	99	2	-	-	-	-	-	-	101
Seattle Park District Revenues	449	328	328	333	1,569	1,574	350	156	5,088
Total:	547	330	328	333	1,569	1,574	350	156	5,189
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET II Capital Fund	99	2	-	-	-	-	-	-	101
Seattle Park District Fund	449	328	328	333	1,569	1,574	350	156	5,088
Total:	547	330	328	333	1,569	1,574	350	156	5,189

O&M Impacts: NA

* Funds 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). Specific projects are determined by the studies and operational considerations, along with emergency projects. 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 and living assets (i.e., plants), and makes the department more resilient to drought and heat conditions due to climate change.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	40	-	-	-	-	-	-	-	40
Real Estate Excise Tax I	756	229	-	-	-	-	-	-	985
Real Estate Excise Tax II	2,032	28	200	550	550	550	550	550	5,009
Seattle Park District Revenues	-	-	644	670	697	724	753	783	4,271
Total:	2,828	256	844	1,220	1,247	1,274	1,303	1,333	10,306
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	756	229	-	-	-	-	-	-	985
REET II Capital Fund	2,032	28	200	550	550	550	550	550	5,009
Seattle Park District Fund	-	-	644	670	697	724	753	783	4,271
Unrestricted Cumulative Reserve Fund	40	-	-	-	-	-	-	-	40
Total:	2,828	256	844	1,220	1,247	1,274	1,303	1,333	10,306

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax II	9	-	-	-	-	-	-	-	9
Seattle Preschool Program Levy Funds	2,952	878	-	-	-	-	-	-	3,830
Total:	2,960	878	-	-	-	-	-	-	3,838

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET II Capital Fund	9	-	-	-	-	-	-	-	9
Seattle Preschool Levy Fund	2,952	878	-	-	-	-	-	-	3,830
Total:	2,960	878	-	-	-	-	-	-	3,838

O&M Impacts: NA

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

Lake City Community Center Redevelopment

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:	\$40,500	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 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.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	-	-	-	-	29,000	-	-	-	29,000
Real Estate Excise Tax I	500	3,000	-	-	-	-	-	-	3,500
Real Estate Excise Tax II	185	5,815	-	-	-	-	-	-	6,000
State Grant Funds	-	2,000	-	-	-	-	-	-	2,000
Total:	685	10,815	-	-	29,000	-	-	-	40,500
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2025 Multipurpose LTGO Bond Fund	-	-	-	-	29,000	-	-	-	29,000
Park And Recreation Fund	-	2,000	-	-	-	-	-	-	2,000
REET I Capital Fund	500	3,000	-	-	-	-	-	-	3,500
REET II Capital Fund	185	5,815	-	-	-	-	-	-	6,000
Total:	685	10,815	-	-	29,000	-	-	-	40,500

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Property Sales and Interest Earnings	110	-	-	-	-	-	-	-	110
Real Estate Excise Tax I	1,455	407	-	-	-	-	-	-	1,862
Real Estate Excise Tax II	3,102	-	430	430	430	430	430	430	5,682
Total:	4,667	407	430	430	430	430	430	430	7,654
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	1,455	407	-	-	-	-	-	-	1,862
REET II Capital Fund	3,102	-	430	430	430	430	430	430	5,682
Unrestricted Cumulative Reserve Fund	110	-	-	-	-	-	-	-	110
Total:	4,667	407	430	430	430	430	430	430	7,654

O&M Impacts: NA

* Funds 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:		Neighborhood District:	Ballard
Total Project Cost:	\$1,221	Urban Village:	Not in an Urban Village

This project renovates the building including interior space renovations, roof replacement, ADA improvements, seismic upgrades, window glazing, major systems improvements and related work. Combined, these renovations make the building safer, more efficient, and more accessible for users.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	-	-	-	-	-	29,000	-	-	29,000
Real Estate Excise Tax II	132	1,089	-	-	-	-	-	-	1,221
Seattle Park District Revenues	-	-	-	750	-	-	-	-	750
Total:	132	1,089	-	750	-	29,000	-	-	30,971
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2025 Multipurpose LTGO Bond Fund	-	-	-	-	-	29,000	-	-	29,000
REET II Capital Fund	132	1,089	-	-	-	-	-	-	1,221
Seattle Park District Fund	-	-	-	750	-	-	-	-	750
Total:	132	1,089	-	750	-	29,000	-	-	30,971

O&M Impacts: NA

* Funds 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 - 2023	Neighborhood District:	Ballard
Total Project Cost:	\$1,285	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax II	1,170	115	-	-	-	-	-	-	1,285
Total:	1,170	115	-	-	-	-	-	-	1,285
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET II Capital Fund	1,170	115	-	-	-	-	-	-	1,285
Total:	1,170	115	-	-	-	-	-	-	1,285

O&M Impacts: NA

* Funds 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 - 2023	Neighborhood District:	Northeast
Total Project Cost:	\$4,150	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. These improvements will greatly expand programming ability at Magnuson Community Center and make the facility more energy efficient and more comfortable in the summer.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Funds	282	718	-	-	-	-	-	-	1,000
Park and Recreation Fund	-	36	-	-	-	-	-	-	36
Real Estate Excise Tax I	31	19	-	-	-	-	-	-	50
Real Estate Excise Tax II	243	907	-	-	-	-	-	-	1,150
State Grant Funds	-	1,950	-	-	-	-	-	-	1,950
Total:	557	3,629	-	-	-	-	-	-	4,186
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	282	2,704	-	-	-	-	-	-	2,986
REET I Capital Fund	31	19	-	-	-	-	-	-	50
REET II Capital Fund	243	907	-	-	-	-	-	-	1,150
Total:	557	3,629	-	-	-	-	-	-	4,186

O&M Impacts: NA

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

Magnuson Major Maintenance

Project No:	MC-PR-41077	BSL Code:	BC-PR-40000
Project Type:	Ongoing	BSL Name:	Fix It First
Project Category:	Rehabilitation or Restoration	Location:	7400 Sandpoint Way NE
Current Project Stage:	N/A	Council District:	Council District 4
Start/End Date:	N/A	Neighborhood District:	
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This ongoing project provides funds for some of the most pressing building and infrastructure needs at Magnuson Park. Examples of projects include building stabilization and renovation to meet current codes, safety and accessibility improvements to roads and pathways, utility upgrades, and other related work. The individual projects will extend the life of assets, improve life safety, reduce energy costs, and expand access to park amenities.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax II	-	-	-	-	-	769	1,500	731	3,000
Seattle Park District Revenues	-	-	779	810	842	876	911	947	5,165
Total:	-	-	779	810	842	1,645	2,411	1,679	8,165
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET II Capital Fund	-	-	-	-	-	769	1,500	731	3,000
Seattle Park District Fund	-	-	779	810	842	876	911	947	5,165
Total:	-	-	779	810	842	1,645	2,411	1,679	8,165

O&M Impacts:

* Funds 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:	\$7,800	Urban Village:	Not in an Urban Village

This project converts 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, and other activities.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	-	-	-	-	-	-	3,396	278	3,674
Real Estate Excise Tax II	-	-	-	-	-	-	334	3,792	4,126
Total:	-	-	-	-	-	-	3,730	4,070	7,800
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	-	-	-	-	-	-	3,396	278	3,674
REET II Capital Fund	-	-	-	-	-	-	334	3,792	4,126
Total:	-	-	-	-	-	-	3,730	4,070	7,800

O&M Impacts: NA

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

Major Maintenance 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 asset renewal in parks and recreation facilities citywide, including athletic fields, play areas, swimming pools, trails, buildings, accessibility elements, outdoor infrastructure, and related work. This project also funds integrated asset management to track and forecast long-term asset and maintenance needs. 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.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
CRS Misc Revenues	-	550	-	-	-	-	-	-	550
General Fund	-	500	-	-	-	-	-	-	500
King County Funds	122	268	-	-	-	-	-	-	390
King County Voter-Approved Levy	6	784	-	-	-	-	-	-	790
Miscellaneous Revenues	-	622	3,414	2,413	3,173	-	-	-	9,622
Payroll Expense Tax	-	-	1,000	-	-	-	-	-	1,000
Private Funding/Donations	-	79	-	-	-	-	-	-	79
Real Estate Excise Tax I	2,551	7,160	-	2,203	3,012	3,184	134	134	18,378
Real Estate Excise Tax II	4,839	21,112	-	-	-	2,238	2,469	6,572	37,231
Seattle Park District Revenues	64,376	31,885	16,162	21,833	19,022	17,391	18,087	18,810	207,566
State Grant Funds	837	3,827	-	-	-	-	-	-	4,664
Use of Fund Balance	140	(40)	-	-	-	-	-	-	99
Total:	72,871	66,747	20,576	26,449	25,207	22,813	20,690	25,516	280,869
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Bond Interest and Redemption Fund	-	-	3,414	2,413	3,173	-	-	-	9,000
General Fund	-	500	-	-	-	-	-	-	500
King County Parks Levy Fund	6	784	-	-	-	-	-	-	790
Park And Recreation Fund	774	4,755	-	-	-	-	-	-	5,529
Payroll Expense Tax	-	-	1,000	-	-	-	-	-	1,000
REET I Capital Fund	2,551	7,160	-	2,203	3,012	3,184	134	134	18,378
REET II Capital Fund	4,839	21,112	-	-	-	2,238	2,469	6,572	37,231
Seattle Park District Fund	64,376	31,885	16,162	21,833	19,022	17,391	18,087	18,810	207,566
Unrestricted Cumulative Reserve Fund	325	550	-	-	-	-	-	-	875
Total:	72,871	66,747	20,576	26,449	25,207	22,813	20,690	25,516	280,869

O&M Impacts: NA

* Funds 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 - 2023	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$1,825	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Parks Levy	-	90	-	-	-	-	-	-	90
Seattle Voter-Approved Levy	1,661	163	-	-	-	-	-	-	1,825
Total:	1,661	253	-	-	-	-	-	-	1,915
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	1,661	253	-	-	-	-	-	-	1,915
Total:	1,661	253	-	-	-	-	-	-	1,915

O&M Impacts: NA

* Funds 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 costs, and significant progress toward carbon neutrality. This program is intended to fund facility retrofit projects identified by energy audits. These projects are identified and worked on in collaboration with the Office for Sustainability and Environment (OSE) and funding varies by year.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	478	-	-	-	-	-	-	-	478
Park and Recreation Fund	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax I	1,240	2,263	190	-	-	-	-	-	3,693
Real Estate Excise Tax II	233	13	-	-	-	-	-	-	246
Total:	1,951	2,276	190	-	-	-	-	-	4,417
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2011 Multipurpose LTGO Bond Fund	478	-	-	-	-	-	-	-	478
Park And Recreation Fund	-	-	-	-	-	-	-	-	-
REET I Capital Fund	1,240	2,263	190	-	-	-	-	-	3,693
REET II Capital Fund	233	13	-	-	-	-	-	-	246
Total:	1,951	2,276	190	-	-	-	-	-	4,417

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	243	-	-	-	-	-	-	-	243
Real Estate Excise Tax II	1,718	81	-	-	-	-	-	-	1,799
Total:	1,961	81	-	-	-	-	-	-	2,042
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	243	-	-	-	-	-	-	-	243
REET II Capital Fund	1,718	81	-	-	-	-	-	-	1,799
Total:	1,961	81	-	-	-	-	-	-	2,042

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Parks Levy	-	175	-	-	-	-	-	-	175
Seattle Voter-Approved Levy	22,609	1,796	-	-	-	-	-	-	24,406
Total:	22,609	1,971	-	-	-	-	-	-	24,581
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	22,609	1,971	-	-	-	-	-	-	24,581
Total:	22,609	1,971	-	-	-	-	-	-	24,581

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Voter-Approved Levy	143	10	-	-	-	-	-	-	153
Total:	143	10	-	-	-	-	-	-	153
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	143	10	-	-	-	-	-	-	153
Total:	143	10	-	-	-	-	-	-	153

O&M Impacts: NA

* Funds 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 the community. Projects are typically under \$50,000 and address small scale requests to resolve emergent issues and/or , major maintenance activities/renovations 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Funds	37	-	-	-	-	-	-	-	37
Private Funding/Donations	899	89	-	-	-	-	-	-	987
Real Estate Excise Tax I	817	156	-	-	-	-	-	-	973
Real Estate Excise Tax II	1,516	209	200	250	250	250	250	250	3,174
Total:	3,268	453	200	250	250	250	250	250	5,172

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	817	156	-	-	-	-	-	-	973
REET II Capital Fund	1,516	209	200	250	250	250	250	250	3,174
Unrestricted Cumulative Reserve Fund	936	89	-	-	-	-	-	-	1,024
Total:	3,268	453	200	250	250	250	250	250	5,172

O&M Impacts: NA

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

New Park Development

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 new parks on land-banked sites, new acquisition sites, and partnership development sites. 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 other related improvements. Each newly developed park will improve the neighborhood and will have environmental benefits. Funding for this project will also be used to make short-term enhancements to sites with a longer development timeline to reduce the risk of adverse activity and increase the benefit of the site to the surrounding community. This project was formerly known as "Develop 14 New Parks at Land-Banked Sites."

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Funds	-	685	-	-	-	-	-	-	685
Miscellaneous Revenues	265	805	-	-	-	-	-	-	1,070
Park and Recreation Fund	-	3,500	-	-	-	-	-	-	3,500
Seattle Park District Revenues	9,238	4,731	4,297	7,369	1,944	2,022	2,102	2,186	33,889
State Grant Funds	-	1,460	-	-	-	-	-	-	1,460
Total:	9,503	11,181	4,297	7,369	1,944	2,022	2,102	2,186	40,605
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	265	6,451	-	-	-	-	-	-	6,716
Seattle Park District Fund	9,238	4,731	4,297	7,369	1,944	2,022	2,102	2,186	33,889
Total:	9,503	11,181	4,297	7,369	1,944	2,022	2,102	2,186	40,605

O&M Impacts: NA

* Funds 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 - 2024	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$1,959	Urban Village:	South Lake Union

This project, part of the 2008 Parks Levy Opportunity Fund, develops a carving house 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Voter-Approved Levy	250	501	-	-	-	-	-	-	750
State Grant Funds	-	1,209	-	-	-	-	-	-	1,209
Total:	250	1,709	-	-	-	-	-	-	1,959
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	250	501	-	-	-	-	-	-	750
Park And Recreation Fund	-	1,209	-	-	-	-	-	-	1,209
Total:	250	1,709	-	-	-	-	-	-	1,959

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Parks Levy	-	280	-	-	-	-	-	-	280
King County Voter-Approved Levy	-	-	-	-	-	-	-	-	-
Seattle Voter-Approved Levy	157	13	-	-	-	-	-	-	169
Total:	157	293	-	-	-	-	-	-	450
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	157	293	-	-	-	-	-	-	449
King County Parks Levy Fund	-	-	-	-	-	-	-	-	-
Total:	157	293	-	-	-	-	-	-	450

O&M Impacts: NA

* Funds 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 - 2023	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Parks Levy	-	7	-	-	-	-	-	-	7
Seattle Voter-Approved Levy	635	4	-	-	-	-	-	-	639
Total:	635	11	-	-	-	-	-	-	646
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	635	11	-	-	-	-	-	-	646
Total:	635	11	-	-	-	-	-	-	646

O&M Impacts: NA

* Funds 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.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Funds	7,488	4,112	300	300	300	300	300	300	13,400
Miscellaneous Revenues	-	80	-	-	-	-	-	-	80
Park and Recreation Fund	-	1,000	-	-	-	-	-	-	1,000
Private Funding/Donations	-	100	-	-	-	-	-	-	100
Seattle Park District Revenues	8,709	2,684	1,333	1,386	1,442	1,499	1,559	1,622	20,233
Total:	16,197	7,975	1,633	1,686	1,742	1,799	1,859	1,922	34,813
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	6,607	4,673	300	300	300	300	300	300	13,080
Seattle Park District Fund	8,709	2,684	1,333	1,386	1,442	1,499	1,559	1,622	20,233
Unrestricted Cumulative Reserve Fund	882	618	-	-	-	-	-	-	1,500
Total:	16,197	7,975	1,633	1,686	1,742	1,799	1,859	1,922	34,813

O&M Impacts: NA

* Funds 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 with Pier 62 now operational, the next phase will demolish Pier 63. This project is part of the overall Central Waterfront program. (Interfund Loan will be repaid with Local Improvement District Bonds.)

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	10,500	2,000	10,000	13,173	-	-	-	-	35,673
Real Estate Excise Tax I	3,023	2,010	-	-	-	-	-	-	5,032
Real Estate Excise Tax II	20,087	3,000	-	-	-	-	-	-	23,087
Seattle Park District Revenues	2,486	5,951	664	-	-	-	-	-	9,102
Seawall Levy	3,303	-	-	-	-	-	-	-	3,303
State Grant Funds	-	1,500	-	-	-	-	-	-	1,500
Street Use Fees	342	208	-	-	-	-	-	-	550
Street Vacations - CRSU	466	3,534	-	-	-	-	-	-	4,000
Total:	43,873	20,204	24,667	22,273	-	-	-	-	111,017
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	12,989	2,208	10,000	13,173	-	-	-	-	38,370
Park And Recreation Fund	-	1,500	-	-	-	-	-	-	1,500
REET I Capital Fund	3,023	2,010	-	-	-	-	-	-	5,032
REET II Capital Fund	20,087	3,000	-	-	-	-	-	-	23,087
Seattle Park District Fund	2,486	5,951	664	-	-	-	-	-	9,102
Unrestricted Cumulative Reserve Fund	466	3,534	-	-	-	-	-	-	4,000
Waterfront LID #6751	-	2,000	14,003	9,100	-	-	-	-	25,103
Total:	43,873	20,204	24,667	22,273	-	-	-	-	111,017

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	576	1	-	-	-	-	-	-	577
Concession Revenues	40	-	-	-	-	-	-	-	40
LTGO Bond Proceeds	39	-	-	-	-	-	-	-	39
Real Estate Excise Tax I	8,531	531	-	-	-	-	-	-	9,062
Total:	9,186	532	-	-	-	-	-	-	9,719
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	40	-	-	-	-	-	-	-	40
Parks 2002 Capital Facilities Bond Fund	39	-	-	-	-	-	-	-	39
REET I Capital Fund	8,531	531	-	-	-	-	-	-	9,062
Unrestricted Cumulative Reserve Fund	576	1	-	-	-	-	-	-	577
Total:	9,186	532	-	-	-	-	-	-	9,719

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Federal Community Development Block Grant	6,102	1,168	808	808	808	808	808	808	12,118
Real Estate Excise Tax II	1,524	-	-	-	-	-	-	-	1,524
Use of Fund Balance	-	-	-	-	-	-	-	-	-
Total:	7,626	1,168	808	808	808	808	808	808	13,642
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	6,102	1,168	808	808	808	808	808	808	12,118
REET II Capital Fund	1,524	-	-	-	-	-	-	-	1,524
Total:	7,626	1,168	808	808	808	808	808	808	13,642

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Federal Grant Funds	600	-	-	-	-	-	-	-	600
Miscellaneous Grants or Donations	42	-	-	-	-	-	-	-	42
Real Estate Excise Tax I	757	-	-	-	-	-	-	-	757
Real Estate Excise Tax II	2,302	217	200	400	400	400	400	400	4,719
Total:	3,700	217	200	400	400	400	400	400	6,117
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	757	-	-	-	-	-	-	-	757
REET II Capital Fund	2,302	217	200	400	400	400	400	400	4,719
Unrestricted Cumulative Reserve Fund	642	-	-	-	-	-	-	-	642
Total:	3,700	217	200	400	400	400	400	400	6,117

O&M Impacts: NA

* Funds 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 funds the programmatic renovation of play areas within the park system. Improvements may include equipment replacement, ADA access, stormwater management, surfacing and containment renovation, and other related work. The sites will be determined each year based on factors including combination of age, assessed condition, and race and social equity.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	57	3	-	-	-	-	-	-	60
King County Parks Levy	-	-	-	-	-	-	-	250	250
King County Voter-Approved Levy	2,149	1,052	250	250	250	250	250	-	4,451
Real Estate Excise Tax I	546	1,454	-	-	1,000	1,000	1,000	1,000	6,000
Real Estate Excise Tax II	489	1,150	575	678	322	-	-	-	3,214
Seattle Park District Revenues	-	-	1,061	1,103	1,147	1,193	1,241	1,291	7,036
Total:	3,241	3,659	1,886	2,031	2,719	2,443	2,491	2,541	21,011
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	57	3	-	-	-	-	-	-	60
King County Parks Levy Fund	2,149	1,052	250	250	250	250	250	250	4,701
REET I Capital Fund	546	1,454	-	-	1,000	1,000	1,000	1,000	6,000
REET II Capital Fund	489	1,150	575	678	322	-	-	-	3,214
Seattle Park District Fund	-	-	1,061	1,103	1,147	1,193	1,241	1,291	7,036
Total:	3,241	3,659	1,886	2,031	2,719	2,443	2,491	2,541	21,011

O&M Impacts: NA

* Funds 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 performs small safety related renovations to play areas 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 and replacing proper safety surfacing and replacing faulty equipment 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. Note: this Master Project is not funded in the future CIP; however this ongoing work will continue in future years to be fund out of the Major Maintenance & Asset Management Master Project.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	410	-	-	-	-	-	-	-	410
Real Estate Excise Tax II	847	43	-	-	-	-	-	-	890
Total:	1,257	43	-	-	-	-	-	-	1,300
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	410	-	-	-	-	-	-	-	410
REET II Capital Fund	847	43	-	-	-	-	-	-	890
Total:	1,257	43	-	-	-	-	-	-	1,300

O&M Impacts: NA

* Funds 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 - 2023	Neighborhood District:	Central
Total Project Cost:	\$1,727	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Voter-Approved Levy	1,417	310	-	-	-	-	-	-	1,727
Total:	1,417	310	-	-	-	-	-	-	1,727
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	1,417	310	-	-	-	-	-	-	1,727
Total:	1,417	310	-	-	-	-	-	-	1,727

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	21	-	-	-	-	-	-	-	21
Private Funding/Donations	204	305	-	-	-	-	-	-	509
Total:	225	305	-	-	-	-	-	-	530
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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

* Funds 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:	\$12,190	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	2,006	1	-	-	-	-	-	-	2,007
Real Estate Excise Tax I	2,408	969	956	1,140	1,178	1,173	1,178	1,180	10,182
Total:	4,414	970	956	1,140	1,178	1,173	1,178	1,180	12,190
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	2,006	1	-	-	-	-	-	-	2,007
REET I Capital Fund	2,408	969	956	1,140	1,178	1,173	1,178	1,180	10,182
Total:	4,414	970	956	1,140	1,178	1,173	1,178	1,180	12,190

O&M Impacts: NA

* Funds 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 numerous 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 over the years. The individual projects will address safety and code requirements, extend the life of the asset, and improve accessibility.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Park District Revenues	1,042	567	241	251	261	271	282	293	3,209
Total:	1,042	567	241	251	261	271	282	293	3,209
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Park District Fund	1,042	567	241	251	261	271	282	293	3,209
Total:	1,042	567	241	251	261	271	282	293	3,209

O&M Impacts: NA

* Funds 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 numerous 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.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Park District Revenues	9,999	1,252	1,127	1,172	1,219	1,267	1,318	1,371	18,723
Total:	9,999	1,252	1,127	1,172	1,219	1,267	1,318	1,371	18,723
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Park District Fund	9,999	1,252	1,127	1,172	1,219	1,267	1,318	1,371	18,723
Total:	9,999	1,252	1,127	1,172	1,219	1,267	1,318	1,371	18,723

O&M Impacts: NA

* Funds 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 private donations. The donations are made to the Seattle Foundation and dispersed to SPR on a yearly basis.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Miscellaneous Grants or Donations	984	27	-	-	-	-	-	-	1,011
Private Funding/Donations	64	116	-	-	-	-	-	-	180
Total:	1,048	143	-	-	-	-	-	-	1,191
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	217	143	-	-	-	-	-	-	360
Unrestricted Cumulative Reserve Fund	831	-	-	-	-	-	-	-	831
Total:	1,048	143	-	-	-	-	-	-	1,191

O&M Impacts:

* Funds 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:	\$8,550	Urban Village:	Not in an Urban Village

This project develops a portion of Smith Cove Park located just west of Pier 91 on Elliott Bay. The park will be developed based on a planning and design process for the site that took place in 2016. The project will include renovation to the playfield and development of a new off-leash area; picnic area, and related work primarily on the west side of the park. The improved park will provide waterfront access and ADA accessibility, provide enhanced opportunities for active recreation, and make the park inviting and usable for more people.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	-	3,384	1,000	-	-	-	7,461
State Grant Funds	15	235	-	-	-	-	-	-	250
Total:	1,065	3,101	-	3,384	1,000	-	-	-	8,550
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	15	485	-	-	-	-	-	-	500
REET I Capital Fund	30	-	-	-	-	-	-	-	30
Seattle Park District Fund	1,020	2,616	-	3,384	1,000	-	-	-	8,020
Total:	1,065	3,101	-	3,384	1,000	-	-	-	8,550

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	-	-	1,000	5,500	-	-	-	-	6,500
Total:	-	-	1,000	5,500	-	-	-	-	6,500

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	-	-	1,000	5,500	-	-	-	-	6,500
Total:	-	-	1,000	5,500	-	-	-	-	6,500

O&M Impacts:

* Funds 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:	\$8,570	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. This project will be bid and constructed in conjunction with South Park Community Center Facility renovation project; which is part of the ongoing Community Center Rehabilitation & Development capital project (MC-PR-41002). This project is funded by public and private sources.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Funds	-	700	-	-	-	-	-	-	700
Private Funding/Donations	-	4,000	-	-	-	-	-	-	4,000
Real Estate Excise Tax I	-	1,000	-	-	-	-	-	-	1,000
Real Estate Excise Tax II	351	1,449	-	-	-	-	-	-	1,800
State Grant Funds	-	1,070	-	-	-	-	-	-	1,070
Total:	351	8,219	-	-	-	-	-	-	8,570
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	-	5,770	-	-	-	-	-	-	5,770
REET I Capital Fund	-	1,000	-	-	-	-	-	-	1,000
REET II Capital Fund	351	1,449	-	-	-	-	-	-	1,800
Total:	351	8,219	-	-	-	-	-	-	8,570

O&M Impacts: NA

* Funds 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 restores or creates new sport courts throughout the City. The major maintenance focuses on less expensive repairs such as crack repair, color coating, providing new posts, standards, fencing, and other related work. Courts are selected based on staff evaluation of conditions. This program maintains and creates playability and extends the serviceable life of courts.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Funds	6	-	-	-	-	-	-	-	6
Miscellaneous Grants or Donations	14	-	-	-	-	-	-	-	14
Real Estate Excise Tax I	45	50	-	-	-	-	-	-	95
Real Estate Excise Tax II	622	27	-	-	-	-	-	-	649
Seattle Park District Revenues	-	-	2,486	921	958	996	1,036	1,077	7,474
Total:	687	77	2,486	921	958	996	1,036	1,077	8,238
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	45	50	-	-	-	-	-	-	95
REET II Capital Fund	622	27	-	-	-	-	-	-	649
Seattle Park District Fund	-	-	2,486	921	958	996	1,036	1,077	7,474
Unrestricted Cumulative Reserve Fund	20	-	-	-	-	-	-	-	20
Total:	687	77	2,486	921	958	996	1,036	1,077	8,238

O&M Impacts: NA

* Funds 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. Trail projects that require significant design or permitting will be funded out of the Major Maintenance project.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	1,943	-	-	-	-	-	-	-	1,943
Real Estate Excise Tax II	2,050	350	350	350	350	350	350	350	4,500
Total:	3,993	350	350	350	350	350	350	350	6,443
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	1,943	-	-	-	-	-	-	-	1,943
REET II Capital Fund	2,050	350	350	350	350	350	350	350	4,500
Total:	3,993	350	350	350	350	350	350	350	6,443

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	726	60	-	-	-	-	-	-	786
Real Estate Excise Tax II	1,504	200	200	200	200	200	200	200	2,904
Seattle Park District Revenues	-	-	970	1,009	1,049	1,091	1,135	1,180	6,434
Total:	2,230	260	1,170	1,209	1,249	1,291	1,335	1,380	10,124
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	726	60	-	-	-	-	-	-	786
REET II Capital Fund	1,504	200	200	200	200	200	200	200	2,904
Seattle Park District Fund	-	-	970	1,009	1,049	1,091	1,135	1,180	6,434
Total:	2,230	260	1,170	1,209	1,249	1,291	1,335	1,380	10,124

O&M Impacts: NA

* Funds 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 and thousands of volunteers working to restore and actively maintain forested park lands in Seattle. Restoration for each acre typically occurs over multiple years and includes clearing invasive plants, replanting the area with native plants, caring for the plants through establishment, and other related work.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
CRS Misc Revenues	588	-	-	-	-	-	-	-	588
King County Funds	140	42	-	-	-	-	-	-	182
Real Estate Excise Tax I	7,255	-	-	-	-	-	-	-	7,255
Real Estate Excise Tax II	11,091	1,301	1,200	1,200	1,700	1,700	1,700	1,700	21,591
State Grant Funds	391	-	-	-	-	-	-	-	391
Total:	19,465	1,342	1,200	1,200	1,700	1,700	1,700	1,700	30,007
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	347	42	-	-	-	-	-	-	389
REET I Capital Fund	7,255	-	-	-	-	-	-	-	7,255
REET II Capital Fund	11,091	1,301	1,200	1,200	1,700	1,700	1,700	1,700	21,591
Unrestricted Cumulative Reserve Fund	772	-	-	-	-	-	-	-	772
Total:	19,465	1,342	1,200	1,200	1,700	1,700	1,700	1,700	30,007

O&M Impacts: NA

* Funds 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. This project increases the City's tree canopy per Executive Order 03-05.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Miscellaneous Grants or Donations	42	-	-	-	-	-	-	-	42
Real Estate Excise Tax I	240	-	-	-	-	-	-	-	240
Real Estate Excise Tax II	1,550	95	95	95	95	95	95	95	2,215
Seattle Park District Revenues	-	-	337	350	364	379	393	410	2,234
Total:	1,832	95	432	445	459	474	488	505	4,731
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	240	-	-	-	-	-	-	-	240
REET II Capital Fund	1,550	95	95	95	95	95	95	95	2,215
Seattle Park District Fund	-	-	337	350	364	379	393	410	2,234
Unrestricted Cumulative Reserve Fund	42	-	-	-	-	-	-	-	42
Total:	1,832	95	432	445	459	474	488	505	4,731

O&M Impacts: NA

* Funds 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, Office of Sustainability and Environment, 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	111	-	-	-	-	-	-	-	111
Miscellaneous Grants or Donations	1,017	262	105	105	105	105	105	105	1,909
Real Estate Excise Tax I	681	158	125	-	-	-	-	-	964
Real Estate Excise Tax II	2,218	-	-	250	250	250	250	250	3,468
Total:	4,027	420	230	355	355	355	355	355	6,452
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	111	-	-	-	-	-	-	-	111
Park And Recreation Fund	263	262	105	105	105	105	105	105	1,155
REET I Capital Fund	681	158	125	-	-	-	-	-	964
REET II Capital Fund	2,218	-	-	250	250	250	250	250	3,468
Unrestricted Cumulative Reserve Fund	754	-	-	-	-	-	-	-	754
Total:	4,027	420	230	355	355	355	355	355	6,452

O&M Impacts: NA

* Funds 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 5 - Construction	Council District:	Council District 7
Start/End Date:	2013 - 2024	Neighborhood District:	Downtown
Total Project Cost:	\$2,850	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Voter-Approved Levy	914	1,936	-	-	-	-	-	-	2,850
Total:	914	1,936	-	-	-	-	-	-	2,850
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2008 Parks Levy Fund	914	1,936	-	-	-	-	-	-	2,850
Total:	914	1,936	-	-	-	-	-	-	2,850

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	1	1,499	-	-	-	-	-	-	1,500
Real Estate Excise Tax II	573	2,927	-	-	-	-	-	-	3,500
Total:	574	4,426	-	-	-	-	-	-	5,000
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	1	1,499	-	-	-	-	-	-	1,500
REET II Capital Fund	573	2,927	-	-	-	-	-	-	3,500
Total:	574	4,426	-	-	-	-	-	-	5,000

O&M Impacts: NA

* Funds 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, and paths will be re-paved to improve accessibility, along with related work. The new synthetic turf field will expand capacity and play-time in an area of the city with few synthetic turf athletic fields.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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 / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Miscellaneous Grants or Donations	387	-	-	-	-	-	-	-	387
Miscellaneous Revenues	428	14,685	-	-	-	-	-	-	15,113
Total:	815	14,685	-	-	-	-	-	-	15,500
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Park And Recreation Fund	144	14,685	-	-	-	-	-	-	14,829
Unrestricted Cumulative Reserve Fund	670	-	-	-	-	-	-	-	670
Total:	815	14,685	-	-	-	-	-	-	15,500

O&M Impacts: NA

* Funds 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 - 2025	Neighborhood District:	Downtown
Total Project Cost:	\$3,147	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Voter-Approved Levy	23	249	-	-	-	-	-	-	272
Real Estate Excise Tax II	195	180	-	-	-	-	-	-	375
Total:	218	429	-	-	-	-	-	-	647
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
King County Parks Levy Fund	23	249	-	-	-	-	-	-	272
REET II Capital Fund	195	180	-	-	-	-	-	-	375
Total:	218	429	-	-	-	-	-	-	647

O&M Impacts: NA

* Funds 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. 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, and improve the overall Zoo experience for the public.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	-	-	30	63	99	-	-	52	244
Real Estate Excise Tax II	4,502	3,498	2,140	2,194	2,249	2,441	2,539	2,589	22,152
Seattle Park District Revenues	6,036	48	-	-	-	-	-	-	6,084
Total:	10,538	3,546	2,170	2,257	2,348	2,441	2,539	2,641	28,481
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	-	-	30	63	99	-	-	52	244
REET II Capital Fund	4,502	3,498	2,140	2,194	2,249	2,441	2,539	2,589	22,152
Seattle Park District Fund	6,036	48	-	-	-	-	-	-	6,084
Total:	10,538	3,546	2,170	2,257	2,348	2,441	2,539	2,641	28,481

O&M Impacts: NA

* Funds 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 its 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.

Since 2015, Seattle Center's program of facility condition assessments (FCAs), utilizing specialty consultants, has been a key source of information for identifying current and future capital needs at Seattle Center to inform capital investment priorities. Seattle Center's Adopted 2023-2028 CIP is in part driven by the FCA program, with funds allocated for continuing the facility condition assessments, plus the ongoing renovation of aging campus infrastructure including roofs, elevators, sewer lines, parking

structures, and the International Fountain. The list of deferred major maintenance priorities on the campus identified through the FCA will require significant investment in the coming decade.

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 Northwest Courtyards.

Despite the many hurdles that began with the onset of the Covid-19 crisis, 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 2022, Seattle Center completed and opened the newly renovated DuPen Fountain, improving accessibility to water features on campus. Additionally, the campus-wide digital signage modernization was completed in partnership with ArenaCo. Seattle Center and our many resident organizations are already leveraging the new signs to promote events, performances, and other activities more effectively in our civic center.

Seattle Center's 2023-2028 CIP plan will focus heavily on continuing phases of major projects in key public spaces such as campus-wide lighting and network upgrades, significant upgrades to the Armory, and urgent maintenance priorities highlighted in our FCA. In addition, the outcomes of long-range planning efforts including the Memorial Stadium redevelopment and regional light rail expansion are likely to influence Center's strategic CIP decisions in the 2023-2028 period.

The Council altered the REET investments in the adopted budget. Refer to the Council Changes section below. The proposed budget description follows:

The 2023 CIP budget includes \$10,640,000 in REET funds. In 2023, Center will focus on the repair and replacement of aging infrastructure on campus. Center will replace the roof on the Bagley Wright Theatre and the Center Park maintenance facility; continue repairing system-wide mechanical leaks; retrofit our office spaces to meet post-Covid HVAC standards; and replace the failing Armory generator with a new generator that is large enough to support both the Armory and Fisher Pavilion. Center will enhance the campus landscape with new investments in our most popular public spaces, including replacing the Fisher Pavilion rooftop plaza; completing the next phase of International Fountain improvements; improving campus pedestrian lighting; and (pending the successful receipt of federal funds) reconfiguring Seattle Center's Monorail station to increase accessibility and capacity. In 2023, Center will also continue collaborative efforts to advance plans for the Memorial Stadium renovation, with initial funding for design, and the ST3 Seattle Center light rail station; and plan for the eventual redevelopment of the 401 Mercer (KCTS) block.

Thematic Priorities

Seattle Center's Adopted 2023-2028 CIP focuses on four primary themes:

- Multi-phase investments in Seattle Center
- Facility Condition Assessments and long-term major maintenance
- Long range planning for major projects

Multi-phase investments in Seattle Center

By the end of 2022, Seattle Center will have completed multi-year campus improvement projects including renovation of the DuPen Fountain, an exterior refresh of the Armory, and an improved visitor parking experience with the PARCS upgrade. Center will allocate carry-forward and new CIP funds to the replacement of the Fisher Pavilion roof, a popular space for outdoor events and activities that a 2018 study determined to be in failing condition. This project was eliminated from the 2020 CIP due to COVID reductions, and Center is relieved and delighted to have the opportunity restored.

Seattle Center will advance several large, multi-phase projects, and will continue to prioritize these projects in the coming years until they are completed:

- Delivering on the vision of the Seattle Center Campus Pedestrian Lighting Concept Plan, including enhanced placemaking interventions, which began design in late 2022;
- Completing the next phase of the Armory Exterior Renovation with new exterior lighting to brighten the campus and highlight the historic architecture, planned for 2023;
- Replacing the Fisher Pavilion roof (design 2022, construction 2023);
- Updating wireless network infrastructure across the campus to 5G standards, in partnership with Seattle IT and third-party private carriers (RFP process in 2022);
- Designing for electrification of the Central Utility Plant and decentralization of campus systems underway in 2022. Once designed, this will require additional dedicated funding to complete by the target 2024 deadline;
- Removing of a non-historic canopy structure on the Northwest Rooms breezeway; and
- Renovating and reconfiguring the Armory 1st floor restrooms.

Facility Condition Assessment Phase 2 and Deferred Major Maintenance

In 2021, Center completed a portion of the second phase of the campus Facility Condition Assessment (FCA), focusing on building roofs and facades. This FCA identified \$4.9M in urgent roof repairs as well as longer term replacement needs. Center has developed an improvements and replacement schedule based on the findings of the FCA with the aim of spreading out the capital cost of these investments over the next 10 years. In 2023, Center will continue the design phase and begin construction on the replacement of the Center Park roof and Bagley Wright Theatre roof and cladding.

In 2022, Center began the mechanical and HVAC system FCA and anticipates completion of the analysis in early 2023. The next phase of the FCA will focus on our campus and facilities electrical systems. Both assessments are likely to uncover systems that need to be repaired or replaced. Significant investments in design and construction will be required to complete this necessary work. After the studies are completed, Center will develop a schedule of funding needs according to priority, and work with CBO to develop a phased funding plan.

Long-range planning priorities

While it is hard to imagine more change on campus than what has been experienced between 2018 and 2022, 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:

- Continuing to advance Memorial Stadium design and redevelopment in partnership with Seattle Public Schools (SPS), Seattle Center Foundation, philanthropy, and other stakeholders;
- 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;
- Exploring opportunities for the 401 Mercer St (Cascade Public Media/KCTS) site in anticipation of its lease conclusion in 2023;
- 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 reviews the staff recommendations for prioritizing projects across the campus within funding targets provided.

2023-2028 Adopted 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 2023, our priorities are the replacement of the failing Armory generator with a new larger generator that will extend emergency power to the Fisher Pavilion; upgrades to HVAC in our office spaces; roof repairs; and completion of the first-floor restroom upgrade that began in 2022.

General Site Improvements – In 2023, REET I funding is allocated for campus pathway repaving, landscape improvements, technology infrastructure improvements, and ongoing programmatic improvements to the International Fountain.

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. Additionally, the Monorail was awarded \$5M from Move Ahead Washington.

Open Space Restoration and Repair – Renovation of public open spaces in 2023 include upgrading pedestrian lighting and placemaking across campus and replacing the roof of the Fisher Pavilion, a popular outdoor event space.

Parking Repairs and Improvements – An ongoing program of major maintenance on the garages will continue with repairs addressing water intrusion and other issues at the Mercer Garage and 5th Ave N. Garage.

Roof Replacements – Design work and construction will begin in 2023 for the replacement of the Center Park and Bagley Wright Theatre roofs. Replacement of the McCaw Hall roof will begin in 2024 and continue into 2025. Additional smaller scope roof repairs identified in the FCA will be completed by Seattle Center staff and outside contractors as necessary

Utility Infrastructure – Renovation of campus utility infrastructure in 2022 includes campus-wide mechanical and electrical system improvements prioritized in the FCA, replacement of Victaulic fittings, replacement of a chiller for the Central Utility Plant, and ventilation improvements in multiple facilities.

CIP Revenue Sources

Seattle Center's Adopted 2023-2028 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. Private investment has always played a key role in Seattle Center's development, with the \$1 billion Climate Pledge Arena renovation as the latest example.

Summary of Upcoming Budget Issues and Challenges

The biggest challenge 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's ongoing Facility Condition Assessment (FCA) program identifies current and

future needs for capital renovation and replacement. The 2023-2028 Adopted CIP addresses priority needs identified in these FCAs. Significant additional funding will need to be identified for future efforts to preserve and modernize 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. Ongoing changes to Seattle and the region – and mega-projects like light rail that were not contemplated in the 2008 plan – have caused the specifics to evolve, but the principles remain relevant. 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

Memorial Stadium

The Council altered this proposal in the adopted budget. Refer to the Council Changes section below. The proposed budget description follows:

The 75-year-old Memorial Stadium is owned by Seattle Public Schools (SPS) on land deeded by the City of Seattle (City) and is outdated, deteriorated, and in need of redevelopment. The Seattle Public Schools Building Technology Academics & Athletics (BTA V) levy approved by Seattle voters in February 2022 contains \$66.5 million for a basic student athletic stadium. Under a letter of intent signed by SPS and the City in October 2021, the school district and City are collaborating on a plan for a new enhanced stadium. The new facility will transform the heart of Seattle Center with a state-of-the-art stadium that will serve SPS' needs for athletic events, and graduations and also be a major civic venue for arts, cultural, sports, and community events. The new stadium will be operated by the City or an operator jointly selected by the school district and the City.

A design concept for the enhanced stadium has been developed that is estimated to cost between \$200-250 million. In addition to the \$66.5 million SPS levy money, funding is proposed to be provided from various public and private sources, including the City, County, State, philanthropy, and private investor(s). The SPS Board of Directors, Mayor, and the City Council are anticipated to review and approve implementing agreements in early 2023, followed by a formal design process and community engagement. The new stadium is expected to be complete by Spring 2026 or early 2027. Seattle Center's Adopted 2023-2028 CIP includes the City's up to \$40 million contribution to the Memorial Stadium Redevelopment. As the project cost estimates are further refined, the City may adjust this amount.

Asset Major Maintenance

Asset maintenance has lagged in recent years as Arena-related project consumed Center's focus, followed by the pandemic impacts that have further strained Center's capacity and created challenges

for construction. The 2023-28 CIP represents a renewed focus on asset major maintenance, preservation, and modernization. The plan addresses some of the highest priorities identified in Seattle Center's initial FCA, including replacement of the roofs and cladding for Seattle Rep and the Center Park facility, 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 Light Rail Station Planning

In 2022, the City – following months of interdepartmental collaboration and engagement with neighbors and resident organizations – identified a strong preference for the proposed alternative of a Seattle Center light rail station on Mercer St. In 2023, Center will devote more CIP planning funds as necessary to support consultant studies and staff time as needed to respond to Sound Transit's deeper analysis of this option. A final decision on the light rail alignment is anticipated by early 2024. This decision will drive future CIP work in and around the planned station area.

401 Mercer/KCTS Site Long Range Planning

The full-block parcel at 401 Mercer St. has been in use as the headquarters and primary broadcasting facility for KCTS-9 – now part of Cascade Public Media (CPM) -- which holds a long-term ground lease with the City. In 2022, CPM identified a new headquarters that better suits the organization's needs. In 2022, the City and CPM agreed to amend the lease to allow CPM to move out a year early. The property and the building will be turned over to Seattle Center on December 31, 2023. Seattle Center's long-term plan, which reflects support from community and stakeholder outreach, is to pursue a redevelopment strategy for this property that will generate revenue to support Seattle Center and contribute to the overall vitality of the campus and the neighborhood. In the interim period, Seattle Center is evaluating possible uses that will replace annual lease revenues in the short term, keep the building safely maintained, and/or help address some short-term space needs for campus operations.

Trade Shops Relocation

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, and Center is hopeful that this goal can be realized as part of an enhanced Memorial Stadium redevelopment.

City Council Changes to the Proposed CIP.

The City Council reduced funding for the Memorial Stadium Redevelopment project by \$4.3 million Real Estate Excise Tax I (REET I) in 2023 and \$4.3 million REET I in 2024 and added additional \$10 million Limited Tax General Obligation (LTGO) Bond funding for the project in 2024. The net effects of these changes are as follows:

- \$300,000 GF and \$720,000 REET I in 2023
- \$20 million LTGO bond proceeds in 2024.

The Council also reduced the CIP budget by \$2 million in 2024 to address the forecasted drop in Real Estate Excise Tax (REET) revenues. The reductions are expected to have low to medium impacts on activities funded through the affected CIP projects. The reductions to the CIP projects are as follows:

General Site Improvements (MC-SC-S0305) - \$204,000
Armory Rehabilitation (MC-SC-S9113) - \$150,000
Site Signage (MC-SC-S9118) - \$100,000
Theatre Improvements and Repairs (MC-SC-S9604) - \$100,000
Open Space Restoration and Repair (MC-SC-S9704) - \$1.1 million
Preliminary Engineering and Planning (MC-SC-S9706) - \$64,000
Public Gathering Space Improvements (MC-SC-S9902) - \$250,000

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Property Sales and Interest Earnings	241	-	-	-	-	-	-	-	241
Real Estate Excise Tax I	3,121	539	-	-	-	-	-	-	3,660
Real Estate Excise Tax II	175	-	-	-	-	-	-	-	175
Total:	3,537	539	-	-	-	-	-	-	4,076
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	3,121	539	-	-	-	-	-	-	3,660
REET II Capital Fund	175	-	-	-	-	-	-	-	175
Unrestricted Cumulative Reserve Fund	241	-	-	-	-	-	-	-	241
Total:	3,537	539	-	-	-	-	-	-	4,076

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	1,233	-	-	-	-	-	-	-	1,233
Property Sales and Interest Earnings	3,632	-	-	-	-	-	-	-	3,632
Real Estate Excise Tax I	6,409	2,757	2,097	200	1,350	1,600	950	350	15,713
Seattle Voter-Approved Levy	2,462	-	-	-	-	-	-	-	2,462
Total:	13,736	2,757	2,097	200	1,350	1,600	950	350	23,040
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
1991 Levy Fund (Closed)	2,462	-	-	-	-	-	-	-	2,462
2002 Multipurpose LTGO Bond Fund	1,233	-	-	-	-	-	-	-	1,233
REET I Capital Fund	6,409	2,757	2,097	200	1,350	1,600	950	350	15,713
Unrestricted Cumulative Reserve Fund	3,632	-	-	-	-	-	-	-	3,632
Total:	13,736	2,757	2,097	200	1,350	1,600	950	350	23,040

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

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

Artwork Maintenance

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

This ongoing project provides for maintenance of public artwork on the Seattle Center campus to ensure the integrity of the artwork. Typical improvements may include, but are not limited to, surface restoration and repainting, mechanical upgrades and repairs, and structural repairs. Some artworks on the Seattle Center campus are maintained by the Office of Arts and Culture.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Private Funding/Donations	5	-	-	-	-	-	-	-	5
Property Sales and Interest Earnings	585	135	30	30	50	50	-	-	879
Real Estate Excise Tax I	31	-	-	-	-	-	-	-	31
Total:	621	135	30	30	50	50	-	-	915
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	31	-	-	-	-	-	-	-	31
Unrestricted Cumulative Reserve Fund	590	135	30	30	50	50	-	-	884
Total:	621	135	30	30	50	50	-	-	915

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	192	50	100	50	100	100	500	500	1,592
Total:	192	50	100	50	100	100	500	500	1,592
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	192	50	100	50	100	100	500	500	1,592
Total:	192	50	100	50	100	100	500	500	1,592

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	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	1,729	434	-	675	646	1,507	1,100	7,883
Total:	3,515	1,729	434	-	675	646	1,507	1,100	9,605
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2002 Multipurpose LTGO Bond Fund	109	-	-	-	-	-	-	-	109
REET I Capital Fund	1,793	1,729	434	-	675	646	1,507	1,100	7,883
Seattle Center Capital Reserve	820	-	-	-	-	-	-	-	820
Unrestricted Cumulative Reserve Fund	793	-	-	-	-	-	-	-	793
Total:	3,515	1,729	434	-	675	646	1,507	1,100	9,605

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Private Funding/Donations	53	-	-	-	-	-	-	-	53
Property Sales and Interest Earnings	5,491	70	-	-	-	-	-	-	5,561
Real Estate Excise Tax I	800	-	-	-	-	-	-	-	800
Total:	6,344	70	-	-	-	-	-	-	6,414
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	800	-	-	-	-	-	-	-	800
Seattle Center Capital Reserve	5,544	70	-	-	-	-	-	-	5,614
Total:	6,344	70	-	-	-	-	-	-	6,414

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Energy Rebates	3	-	-	-	-	-	-	-	3
Interest Earnings	111	76	17	17	17	17	17	17	289
Private Funding/Donations	1,679	1,062	327	337	347	357	368	379	4,856
Real Estate Excise Tax I	1,897	990	327	337	347	357	368	379	5,002
Total:	3,691	2,128	671	691	711	731	753	775	10,150
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
McCaw Hall Capital Reserve	3,391	2,128	671	691	711	731	753	775	9,850
REET I Capital Fund	300	-	-	-	-	-	-	-	300
Total:	3,691	2,128	671	691	711	731	753	775	10,150

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

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

Memorial Stadium Redevelopment

Project No:	MC-SC-S9505	BSL Code:	BC-SC-S03P01
Project Type:	Discrete	BSL Name:	Building and Campus Improvements
Project Category:	Improved Facility	Location:	401 5th Ave N.
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 7
Start/End Date:	2023 - 2027	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost Range:	10,000 - 40,000	Urban Village:	Uptown

This project provides funding for the redevelopment of the 75-year-old Memorial Stadium which is owned by Seattle Public Schools (SPS) on land deeded by the City of Seattle. Memorial Stadium is outdated, deteriorated, and in need of redevelopment. The Seattle Public Schools Building Technology Academics & Athletics (BTA V) levy approved by Seattle voters in February 2022 contains \$66.5 million for a basic student athletic stadium. SPS and the City are collaborating on a plan for a new enhanced stadium. The new facility will transform the heart of Seattle Center with a state-of-the-art stadium that will serve SPS' needs for athletic events, and graduations and also be a major civic venue for arts, cultural, sports, and community events. The new stadium will be operated by the City or an operator jointly selected by the school district and the City. A design concept for the enhanced stadium has been developed that is estimated to cost between \$200-250 million. This project includes the funding that the City will contribute to the project.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	-	-	300	-	-	-	-	-	300
LTGO Bond Proceeds	-	-	-	20,000	-	-	-	-	20,000
Real Estate Excise Tax I	-	-	720	-	-	-	-	-	720
Total:	-	-	1,020	20,000	-	-	-	-	21,020
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2024 LTGO Taxable Bond Fund	-	-	-	20,000	-	-	-	-	20,000
General Fund	-	-	300	-	-	-	-	-	300
REET I Capital Fund	-	-	720	-	-	-	-	-	720
Total:	-	-	1,020	20,000	-	-	-	-	21,020

Financial Planning Strategy: The City plans to use a combination of REET and LTGO bonds as a contribution to the overall Memorial Stadium Redevelopment project. The project is currently in early planning and the full total project cost estimate is between \$200-\$250 million.

O&M Impacts: O&M estimates will be further refined in the following CIP after design work is finalized.

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

Memorial Stadium Redevelopment - Debt Service

Project No:	MC-SC-S9506	BSL Code:	BC-SC-S03P01
Project Type:	Ongoing	BSL Name:	Building and Campus Improvements
Project Category:	Improved Facility	Location:	401 5th Ave N
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	2023 - 2027	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	N/A	Urban Village:	Uptown

This project provides for payment of projected debt service on bonds that will be issued in 2024 and 2025 to fund the Memorial Stadium Redevelopment.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	-	-	-	1,442	1,944	1,944	1,944	1,944	9,220
Total:	-	-	-	1,442	1,944	1,944	1,944	1,944	9,220
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	-	-	-	1,442	1,944	1,944	1,944	1,944	9,220
Total:	-	-	-	1,442	1,944	1,944	1,944	1,944	9,220

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Developer Mitigation	-	1,000	-	-	-	-	-	-	1,000
Federal ARRA Funds: FTA Transit Capital Assistance	1,000	-	-	-	-	-	-	-	1,000
Federal Grant Funds	9,156	1,612	1,004	1,004	1,004	-	-	-	13,780
Interdepartmental Transfer - SDOT	-	500	-	-	-	-	-	-	500
LTGO Bond Proceeds	5,188	-	-	-	-	-	-	-	5,188
Miscellaneous Revenues	2,268	1,258	251	251	251	1,255	-	-	5,534
Seattle Center Fund	-	(1,381)	-	-	-	-	-	-	(1,381)
Total:	17,612	2,989	1,255	1,255	1,255	1,255	-	-	25,621
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2003 Multipurpose LTGO Bond Fund	475	-	-	-	-	-	-	-	475
2007 Multipurpose LTGO Bond Fund	4,713	-	-	-	-	-	-	-	4,713
Seattle Center Fund	117	2,921	1,255	1,255	1,255	1,255	-	-	8,058
Unrestricted Cumulative Reserve Fund	12,307	68	-	-	-	-	-	-	12,375
Total:	17,612	2,989	1,255	1,255	1,255	1,255	-	-	25,621

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	634	1	-	-	-	-	-	-	635
Real Estate Excise Tax I	1,543	406	-	-	-	-	-	-	1,948
Total:	2,177	407	-	-	-	-	-	-	2,584
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2011 Multipurpose LTGO Bond Fund	634	1	-	-	-	-	-	-	635
REET I Capital Fund	1,543	406	-	-	-	-	-	-	1,948
Total:	2,177	407	-	-	-	-	-	-	2,584

O&M Impacts: Projects reduce energy use.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	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	5,541	2,636	-	1,400	1,559	1,000	1,300	18,542
Total:	9,497	5,541	2,636	-	1,400	1,559	1,000	1,300	22,934
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2002 Multipurpose LTGO Bond Fund	1,175	-	-	-	-	-	-	-	1,175
REET I Capital Fund	5,105	5,541	2,636	-	1,400	1,559	1,000	1,300	18,542
Seattle Center Capital Reserve	1,215	-	-	-	-	-	-	-	1,215
Unrestricted Cumulative Reserve Fund	2,002	-	-	-	-	-	-	-	2,002
Total:	9,497	5,541	2,636	-	1,400	1,559	1,000	1,300	22,934

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Property Sales and Interest Earnings	960	-	-	-	-	-	-	-	960
Real Estate Excise Tax I	4,898	3,959	400	400	150	587	-	500	10,894
Total:	5,858	3,959	400	400	150	587	-	500	11,854
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	4,898	3,959	400	400	150	587	-	500	10,894
Seattle Center Capital Reserve	800	-	-	-	-	-	-	-	800
Unrestricted Cumulative Reserve Fund	160	-	-	-	-	-	-	-	160
Total:	5,858	3,959	400	400	150	587	-	500	11,854

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Property Sales and Interest Earnings	557	-	-	-	-	-	-	-	557
Real Estate Excise Tax I	1,757	644	225	61	125	150	150	250	3,362
Total:	2,314	644	225	61	125	150	150	250	3,919
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	1,757	644	225	61	125	150	150	250	3,362
Unrestricted Cumulative Reserve Fund	557	-	-	-	-	-	-	-	557
Total:	2,314	644	225	61	125	150	150	250	3,919

O&M Impacts: No impact.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	3	141	-	-	-	-	-	-	144
LTGO Bond Proceeds	140	-	-	-	-	-	-	-	140
Miscellaneous Revenues	-	(1)	-	-	-	-	-	-	(1)
Private Funding/Donations	1,889	268	-	-	-	-	-	-	2,157
Property Sales and Interest Earnings	2,926	200	-	-	-	-	-	-	3,127
Real Estate Excise Tax I	4,135	755	514	-	1,000	926	1,000	750	9,080
Seattle Center Fund	-	(162)	-	-	-	-	-	-	(162)
Total:	9,093	1,202	514	-	1,000	926	1,000	750	14,485
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2002 Multipurpose LTGO Bond Fund	140	-	-	-	-	-	-	-	140
General Fund	1,520	141	-	-	-	-	-	-	1,661
REET I Capital Fund	4,135	755	514	-	1,000	926	1,000	750	9,080
Seattle Center Capital Reserve	1,280	-	-	-	-	-	-	-	1,280
Seattle Center Fund	312	105	-	-	-	-	-	-	417
Unrestricted Cumulative Reserve Fund	1,706	200	-	-	-	-	-	-	1,907
Total:	9,093	1,202	514	-	1,000	926	1,000	750	14,485

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	6,780	-	-	-	-	-	-	-	6,780
Property Sales and Interest Earnings	1,154	-	-	-	-	-	-	-	1,154
Real Estate Excise Tax I	3,090	3,117	1,936	1,516	-	350	1,500	2,000	13,508
Total:	11,024	3,117	1,936	1,516	-	350	1,500	2,000	21,442
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2002 Multipurpose LTGO Bond Fund	450	-	-	-	-	-	-	-	450
2003 Multipurpose LTGO Bond Fund	6,330	-	-	-	-	-	-	-	6,330
REET I Capital Fund	3,090	3,117	1,936	1,516	-	350	1,500	2,000	13,508
Unrestricted Cumulative Reserve Fund	1,154	-	-	-	-	-	-	-	1,154
Total:	11,024	3,117	1,936	1,516	-	350	1,500	2,000	21,442

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Key Arena Settlement Subfund Revenue	270	-	-	-	-	-	-	-	270
Property Sales and Interest Earnings	1,894	-	-	-	-	-	-	-	1,894
Real Estate Excise Tax I	-	252	-	-	-	-	-	-	252
Seattle Center Fund	1,137	682	-	-	-	-	-	-	1,819
Total:	3,301	934	-	-	-	-	-	-	4,235
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
KeyArena Settlement Proceeds Fund	270	-	-	-	-	-	-	-	270
REET I Capital Fund	-	252	-	-	-	-	-	-	252
Seattle Center Capital Reserve	2,782	(2)	-	-	-	-	-	-	2,781
Seattle Center Fund	69	684	-	-	-	-	-	-	754
Seattle Center KeyArena Fund	179	-	-	-	-	-	-	-	179
Total:	3,301	934	-	-	-	-	-	-	4,235

O&M Impacts: No impact.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	-	7,724	-	-	-	-	-	-	7,724
Property Sales and Interest Earnings	2,385	-	-	-	-	-	-	-	2,385
Real Estate Excise Tax I	275	219	150	-	100	125	-	100	969
Seattle Voter-Approved Levy	606	-	-	-	-	-	-	-	606
Total:	3,266	7,944	150	-	100	125	-	100	11,685
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
1991 Levy Fund (Closed)	606	-	-	-	-	-	-	-	606
2021 Taxable LTGO Bond Fund	-	7,724	-	-	-	-	-	-	7,724
REET I Capital Fund	275	219	150	-	100	125	-	100	969
Seattle Center Capital Reserve	1,900	-	-	-	-	-	-	-	1,900
Unrestricted Cumulative Reserve Fund	485	-	-	-	-	-	-	-	485
Total:	3,266	7,944	150	-	100	125	-	100	11,685

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	1,130	-	-	-	-	-	-	-	1,130
Miscellaneous Revenues	-	1	-	-	-	-	-	-	1
Property Sales and Interest Earnings	1,620	-	-	-	-	-	-	-	1,620
Real Estate Excise Tax I	1,062	3	100	-	100	100	100	150	1,616
Seattle Center Fund	-	(1)	-	-	-	-	-	-	(1)
Total:	3,812	4	100	-	100	100	100	150	4,366
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2002 Multipurpose LTGO Bond Fund	1,130	-	-	-	-	-	-	-	1,130
REET I Capital Fund	1,062	3	100	-	100	100	100	150	1,616
Seattle Center Fund	-	-	-	-	-	-	-	-	-
Unrestricted Cumulative Reserve Fund	1,620	-	-	-	-	-	-	-	1,620
Total:	3,812	4	100	-	100	100	100	150	4,366

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	1,389	-	-	-	-	-	-	-	1,389
Real Estate Excise Tax I	5,772	3,307	1,001	702	792	1,614	1,571	1,278	16,037
Total:	7,161	3,307	1,001	702	792	1,614	1,571	1,278	17,426
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2002 Multipurpose LTGO Bond Fund	1,151	-	-	-	-	-	-	-	1,151
2003 Multipurpose LTGO Bond Fund	238	-	-	-	-	-	-	-	238
REET I Capital Fund	5,772	3,307	1,001	702	792	1,614	1,571	1,278	16,037
Total:	7,161	3,307	1,001	702	792	1,614	1,571	1,278	17,426

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

* Funds 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. 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 new construction built during primarily in the early 2000s (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.

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. The 2019 Library Levy builds off capital investments from two prior efforts. The 2012 Library Levy, which concluded at the end of 2019, provided an essential seven-year funding stream to maintain the five new and 22 updated libraries that had been renovated, expanded or replaced during the previous systemwide capital program called "Libraries for All" (LFA). The Library's LFA program, which was completed in 2008, had increased the amount of physical space by 80% to a total of over 600,000 square feet, greatly increasing the demands on the Library's major maintenance program.

The Library 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 \$7.69 million 2023 Adopted 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 \$4.2 million is budgeted for the University branch seismic retrofit project as promised in the 2019 voter-approved levy; additional planning/design costs may also be incurred for the Columbia branch seismic project as well. The balance of non-IT Levy CIP funding will pay for mechanical systems replacement at multiple branches, specifically electrification per Citywide mandate and adding or upgrading heating, ventilation and air-conditioning (HVAC) systems.

The Library's 2023 capital IT infrastructure budget includes \$1.2 million to replace Library core and central switches, which help direct network traffic for both patron and staff use.

Progress has been slowed on some major multi-year projects due to supply chain delays and shortages of materials, and those projects may continue into 2023. Those major projects may include the improvements at the Library's maintenance shop and storage site, exterior work/access improvements at the Douglass-Truth branch, and roof and mechanical systems replacement at both Capitol Hill 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 major projects scheduled at the Central Library in 2023, age-related upgrades to its mechanical systems will need to be pursued during the next few years.

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

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

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

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

The 2023-2028 Adopted CIP budget includes \$1 million of JumpStart Payroll Expense Tax (payroll tax) in 2023 for decarbonization and electrification efforts at branches to help advance the City's Green New Deal goals, which aims to address the climate crisis and the disparate impacts of climate change on communities of color and those who are economically disadvantaged. Major Levy-funded IT projects can also be categorized under operational efficiency and service to the public. The 2023-2028 Adopted CIP budget also includes \$1.2 million in 2023 for upgrading Library networking equipment.

Public Service Improvements

Public service improvements mostly encompass work that enhances the library patron experience, such

2023-2028 Adopted Capital Improvement Program

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. There are no projects solely dedicated to public service improvements scheduled for 2023. However, public service improvements are included in the Green Lake branch seismic retrofit scope, and are also being considered concurrent with the two other 2019 Levy seismic stability projects at University and Columbia branches. Ultimately, funding will determine whether the scope of the latter two seismic retrofit projects will include 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 (non-pandemic) 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 2023-2028 Adopted 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 \$8.89 million (including Seismic/unreinforced masonry (URM) and IT Capital allocations) in 2023. The total 2023 REET allocation to the Library is \$948,000. The Library will receive \$648,000 in base Real Estate Excise Tax (REET) funding, which is tentatively budgeted toward planning/design for the Columbia and University branch seismic projects. An additional \$300,000 from the Office of Sustainability and Environment (OSE)'s Municipal Energy Efficiency Program (MEEP) will go toward funding electrification and HVAC upgrade projects at the Northeast and Southwest branches; this funding is paired with \$1.7 million in payroll tax appropriations from 2022.

The two largest ongoing projects for the Library's CIP in 2023 will be commencement of construction for the Green Lake branch seismic retrofit and the continued design for the University branch seismic retrofit. The ultimate aim of these projects is to complete seismic and accessibility upgrades; an \$1.8

million Washington State Department of Commerce grant assisted in expanding the Green Lake scope to include air-conditioning, electrification, additional ADA access improvements, and a reconfigured elevator. The Library is currently exploring other external funding sources for the University branch retrofit.

Another major focus of the Library's 2023 (and beyond) major maintenance program is the City's mandate to move away from dependence on non-renewable energy sources and also to provide resilience hubs for residents—cooling and smoke refuge centers for residents during extreme heat and/or wildfire smoke events. The Library will receive \$1 million in payroll tax which will support decarbonization and electrification efforts at branches identified as part of a citywide Resilience Hub strategy. With the help of an engineering consultant, the Library has prioritized branches that will be transitioned from fossil fuels, based on immediate maintenance needs, air-conditioning status, years since last remodel and proximity to other Library locations. Of the highest priority locations, the Library has completed conversion of one (Broadview) and will begin construction later in 2022 on two more, Green Lake (concurrent with seismic work) and Capitol Hill. The Library is exploring and pursuing additional funding options, such as federal grants, to fund projects for the remaining branches.

CIP Revenue Sources

Historically, 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. An incremental increase of REET revenue in the 2023-2028 Adopted CIP will help support these projects. Contingent upon funding, those expanded scopes can include the addition of air-conditioning; accessibility upgrades and elevator additions 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.

Beginning in 2022, revenue from JumpStart Payroll Expense Tax (payroll tax) also supports facility improvements to help the City achieve its Green New Deal goals. As mentioned earlier, revenue from

2023-2028 Adopted Capital Improvement Program

the payroll tax supports energy-efficiency improvements, such as branch electrification and HVAC upgrades, that help build climate resilience hubs for residents and wean the city off fossil fuels.

As previously mentioned, the Library, with significant assistance from OSE, received 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 is continuing to seek outside resources to augment the scope of both University and Columbia branch seismic projects as well.

Additionally, in 2022 the Library, with significant assistance from the City's Office of Emergency Management (OEM), has applied for a Federal Emergency Management Agency (FEMA) grant to fund air-conditioning for seven non-air-conditioned branches.

Summary of Upcoming Budget Issues/Challenges; Future Projects on the Horizon

COVID-19 Pandemic Aftermath and Supply Chain Delays

One challenge that was certainly not foreseen prior to 2020 – and affecting most of 2020, 2021 and to a lesser extent, 2022 – was the adversity posed by the COVID-19 pandemic. While the pandemic hit Library operations hardest, Library capital projects have 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). As the pandemic has persisted, adaptation of library spaces to maintain the safety of both public and staff were required and implemented.

The economic disruption stemming from the pandemic has skewed supply and demand for both raw materials and services, forcing either reexamination of individual project scope or reprioritization of larger Library projects. For example, the Capitol Hill roof and mechanical system replacement bid came in several hundred thousand dollars over estimates due to higher cost of equipment and materials, prompting a shift of funds from other projects of lower urgency. While the public health impact of the pandemic may arguably be waning, it is unknown how long the economic impact of the pandemic will linger.

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 will enter its third decade of service during the current seven-year levy; it poses a different set of challenges. A building of Central's size, complexity and intensity of use requires significant annual maintenance to preserve core functionality and continually improve building efficiency. Updating Central's mechanical and HVAC systems to align with current City policy and lessen its carbon footprint will require significant funding beyond the annual Levy major maintenance allocation.

Seismic Preparedness

A 2016 survey conducted by the Seattle Department of Construction and Inspection identified seven 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 be scheduled concurrently. Contingent upon available funding, work may entail roof and envelope restoration; elevator and mechanical system upgrades (including the addition of air-conditioning); 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 OSE 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. As mentioned above, the Library has received funding for decarbonization and electrification efforts through the payroll expense tax, and had applied for a FEMA grant to fund air-conditioning for seven non-air-conditioned branches.

City Council Changes to the Proposed CIP

The City Council made two changes to the proposed CIP in their review of the proposed budget. Council reduced amount of one-time payroll tax funding in 2023 to support decarbonization and electrification efforts at branches identified as part of a citywide Resilience Hub strategy from \$3,500,000 to \$1,000,000. In addition, due to a reduction in anticipated REET revenues, Council reduced the amount of REET funding for SPL Major Maintenance projects by \$320,000 in 2024, resulting in a REET appropriation of \$131,000 in 2024.

City Council Provisos to the CIP

There are no Council Provisos.

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	1,039	16	-	-	-	-	-	-	1,055
Total:	1,039	16	-	-	-	-	-	-	1,055
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	1,039	16	-	-	-	-	-	-	1,055
Total:	1,039	16	-	-	-	-	-	-	1,055

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	1,617	-	-	-	-	-	-	-	1,617
Total:	1,617	-	-	-	-	-	-	-	1,617
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	1,617	-	-	-	-	-	-	-	1,617
Total:	1,617	-	-	-	-	-	-	-	1,617

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2019 Library Levy Funding	41	5,661	1,209	615	-	474	-	-	8,000
Total:	41	5,661	1,209	615	-	474	-	-	8,000

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2019 Library Levy Fund	41	5,661	1,209	615	-	474	-	-	8,000
Total:	41	5,661	1,209	615	-	474	-	-	8,000

O&M Impacts: NA

* Funds 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, energy efficiency upgrades 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 mid-year budget reductions to facilitate efficient asset management.

Resources	LTD	2022	2023	2024	2025	2026	2027	2028	Total
	Actuals	Revised							
2019 Library Levy Funding	3,141	12,944	7,685	5,244	7,989	6,508	-	-	43,511
General Fund	3,295	43	-	-	-	-	-	-	3,338
Payroll Expense Tax	-	1,700	1,000	-	-	-	-	-	2,700
Real Estate Excise Tax I	7,555	2,439	948	131	418	637	685	685	13,499
Seattle Voter-Approved Levy	4,987	2,607	-	-	-	-	-	-	7,594
Seattle Voter-Approved Levy	13,952	-	-	-	-	-	-	-	13,952
State Grant Funds	-	1,839	-	-	-	-	-	-	1,839
Use of Fund Balance	-	2,200	-	-	-	-	-	-	2,200
Total:	32,930	23,772	9,633	5,375	8,407	7,145	685	685	88,632

Fund Appropriations / Allocations *	LTD	2022	2023	2024	2025	2026	2027	2028	Total
	Actuals	Revised							
2012 Library Levy Fund	18,939	3,073	-	-	-	-	-	-	22,012
2019 Library Levy Fund	3,141	12,978	7,685	5,244	7,989	6,508	-	-	43,545
General Fund	440	1,743	-	-	-	-	-	-	2,183
Library Fund	2,855	1,839	-	-	-	-	-	-	4,694
Payroll Expense Tax	-	1,700	1,000	-	-	-	-	-	2,700
REET I Capital Fund	7,555	2,439	948	131	418	637	685	685	13,499
Total:	32,930	23,772	9,633	5,375	8,407	7,145	685	685	88,632

O&M Impacts:

* Funds 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:	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 major depreciable equipment purchases for The Seattle Public Library, such as the Library's Automated Materials Handling System (AMHS).

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2019 Library Levy Funding	-	34	-	-	-	-	-	-	34
General Fund	-	1,700	-	-	-	-	-	-	1,700
Seattle Voter-Approved Levy	-	466	-	-	-	-	-	-	466
Use of Fund Balance	8	(8)	-	-	-	-	-	-	-
Total:	8	2,192	-	-	-	-	-	-	2,200

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2012 Library Levy Fund	-	466	-	-	-	-	-	-	466
2019 Library Levy Fund	-	34	-	-	-	-	-	-	34
Library Fund	8	1,692	-	-	-	-	-	-	1,700
Total:	8	2,192	-	-	-	-	-	-	2,200

O&M Impacts: N/A

* Funds 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;
- 126 bridges;
- 499 stairways;
- 581 retaining walls;
- 2.2 miles of seawalls;
- 1,140 signalized intersections;
- 47 miles of multi-purpose trails;
- 2,277 miles of improved sidewalks and median pathways;
- 165 miles of on-street bicycle facilities;
- 38,565 street trees;
- 1,614 pay stations;
- 33,694 curb ramps; and
- Close to 202,000 signs.

Seattle continues to experience population growth and increasing density. The 2023-2028 Adopted Capital Improvement Program (CIP) emphasizes transportation safety, efficient mobility of goods, and reliable, socially equitable mobility for people of all ages and abilities.

Department of Transportation

Transit projects are on the forefront of sustainable transportation solutions with numerous projects under development, including: RapidRide along Roosevelt Way to enhance bus speed, reliability, and stations, paving, add protected bike lanes, and improve accessibility; the Madison Street Bus Rapid Transit line connecting 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. Looking forward, the 2023-2028 Adopted CIP also adds initial planning efforts to two new transit corridor improvements: Harrison St Transit Corridor (a new CIP project) and 130th Link Station Transit & Multimodal Access – East Corridor (this is currently under Seattle Transportation Benefit District - Transit Improvements master project).

An additional \$33.6 million (including \$2.6 million in 2023) budget and planning resources have been added into the Adopted 2023-2028 CIP to improve the planning efforts on the Sound Transit Light Rail alignment between West Seattle, Downtown, the Seattle Center, Interbay, and Ballard. Ongoing bridge investments continue, with \$58 million (\$25 million in 2023) funding planned for various bridge improvements, including Bridge Painting, Bridge Seismic, Structure Major Maintenance, Bridge Rehabilitation, and Bridge Load Rating. Major efforts (including the department's first Asset Management Plan) to further identify bridge preservation needs and potential funding resources are underway. Freight movement improved with the new South Lander Street Grade Separation, and will continue with a rebuilt Alaskan Way, Heavy Haul Network Program—East Marginal Way, and citywide spot improvements. SDOT continues to invest in pedestrian and bicycle infrastructure to increase safety for pedestrians, people biking, and people driving by building 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. SDOT has experienced local revenue declines since 2020. The decrease in local revenue necessitated that SDOT pause projects mid-year, do an assessment at the end of 2020, and write and publish a report in early 2021 detailing the impacts on individual programs in the Levy to Move Seattle portfolio. During the second half of 2021, working with the Levy Oversight Committee (LOC), SDOT developed a Workplan Update and list of programs to prioritize in order to make further progress on reaching original 2015 Levy deliverables. As Levy resources have been identified through project savings, SDOT has reallocated Levy funding to prioritized programs in the Workplan Update. The 2023-2028 Adopted CIP incorporates the latest Workplan Update strategy.

The COVID impacts on transportation revenues, especially on Commercial Parking Tax (CPT), continue through 2022. A significant portion of the CPT revenue stream has been committed to debt service payments; the reduction in CPT collections requires other funding sources (such as Real Estate Excise Tax revenue and Transportation Network Company Tax) to cover the debt service funding gap. To address this funding challenge, the Adopted 2023-2028 CIP includes the following strategies:

- Increase the annual capital allocation ceiling of the Seattle Transit Measure (STM) from \$3 million to \$15 million from 2023 to 2026 due to the passage of Ordinance 126718. The increased funding will support various new transit improvements, including addressing safety issues through the Vision Zero team. In the 2023 Adopted Budget, \$12 million is allocated for bridge-related or structures-related transit improvements;
- Allocate \$2.5 million of Transportation Benefit District (vehicle license fee) funding for coordination and planning efforts with Sound Transit on the West Seattle-Ballard Link Extension project;

2023-2028 Adopted Capital Improvement Program

Department of Transportation

- Increase vehicle license fees from \$40 to \$50 due to passage of Ordinance 126720; in 2023, \$1.5 million of this revenue is allocated to a new NE 45th Street Bridge I-5 Crossing Improvements project and the remaining \$461,000 is allocated for bridge maintenance;
- Reduce budget on Thomas Street Redefined and sunset the Your Voice, Your Choice program.

Despite revenue challenges, SDOT is committed to seeking funding opportunities to continuously improve transportation safety and invest in the highest priority discrete projects. In addition to the adopted budget appropriation increases funded by the Move Seattle Levy, vehicle license fees, , and Seattle Transit Measure (STM), 10 CIP projects will receive \$11.8 million in new funding in 2023. The funding sources of the \$11.8 million include Real Estate Excise Tax (REET), School Safety Traffic and Pedestrian Improvement Fund (SSTPI) revenues from school zone camera fines and Landscape Conservation & Local Infrastructure Program (LCLIP) revenues generated by King County’s Transfer of Development Rights program.

CIP Projects	2023
MC-TR-C034 – 3 rd Avenue Corridor Improvements	\$1,785,000
MC-TR-C036 – SPU Drainage Partnership – Broadview Pedestrian Improvements	\$149,000
MC-TR-C044 - Burke-Gilman Trail Extension	\$2,500,000
MC-TR-C058 - Pedestrian Master Plan - New Sidewalks	\$2,665,000
MC-TR-C059 - Pedestrian Master Plan - School Safety	\$155,000
MC-TR-C060 - Bike Master Plan - Urban Trails and Bikeways	\$920,000
MC-TR-C063 – Bike Master Plan – Greenways	\$1,835,000
MC-TR-C090 - Heavy Haul Network Program - East Marginal Way	\$1,293,000
MC-TR-C119 - Harrison St Transit Corridor	\$500,000
MC-TR-C120 - Urban Design Capital Projects	\$250,000
Total	\$11,751,000

In 2022, the City Council adopted action to expand the School Zone Camera program. The Pedestrian Master Plan - School Safety program will receive \$1M per year budget authority from the revenues starting in 2024.

The Adopted 2023-2028 CIP is the second year of implementing the Capital Budget adjustment process that realigns the department's six-year CIP budget to the latest project spending plans, which are updated and communicated to Council and the public more frequently than the annual budget. SDOT has made this effort part of an annual synchronization of SDOT's capital budget and spend plan to ensure greater transparency and more up-to-date information on SDOT's Capital Budget programs and projects.

This process involves two interconnected actions. SDOT has identified \$85.2 million in current year (2022) capital resources that were not used prior to year-end. The budget for these resources were abandoned in 2022 and are now part of the available project funding for the 2023-2028 Adopted CIP. The 2023 Adopted and 2024 Endorsed Budget and the 2023-2028 Adopted CIP outline investments in critical transportation infrastructure needs and include planned spending of \$1.25 billion during the six-year planning period. Key work includes street paving and resurfacing; building new sidewalks and curb

2023-2028 Adopted Capital Improvement Program

ramps; school safety improvements; implementation of the Bike, Pedestrian, Freight, and Transit Master Plans; investments to facilitate freight mobility; traffic cameras and signals; bridge projects such as bridge replacement, maintenance, and seismic retrofitting; and support for the Waterfront Program. For details, please see the associated explanations below.

Street Paving and Resurfacing: The Adopted CIP includes \$18.4 million for the following ongoing programs:

- \$7.4 million in 2023 for Arterial Major Maintenance (AMM);
- \$9.0 million in 2023 for Arterial Asphalt & Concrete Program Phase II (AAC); and
- \$2.0 million in 2023 for Non-Arterial Street Resurfacing and Restoration (NASRR).

Paving is one of the highest prioritized programs emphasized in the latest Move Seattle Levy Workplan Update. The 2023-2028 Adopted CIP adds \$16.9 million Move Seattle Levy funds to AMM (\$3.1 million per year in 2023 and 2024) and AAC (\$10.7 million in 2024).

In the 2022 Year-End Supplemental Budget Legislation (Ordinance 126706), the Eastlake Paving project was transferred from AAC to RapidRide Roosevelt. The transfer amount in 2023 is \$10.8 million. The \$9.0 million Adopted appropriation for AAC in 2023 incorporates this transfer.

Pedestrian Master Plan Investments: The 2023-2028 Adopted 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 Adopted 2023-28 CIP includes \$5.7 million for this project in 2023.
- The Pedestrian Master Plan New Sidewalks project includes \$9.5 million in 2023 to design and construct new sidewalks. Of the total, \$2.8 million in 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 funds will be used to construct sidewalks within Seattle Public Schools walk zones. The remaining funding includes \$5.8 million in Move Seattle Levy funding, \$500,000 in Real Estate Excise Tax revenue, and \$500,000 in Landscape Conservation & Local Infrastructure Program (LCLIP) revenue.
- The Pedestrian Master Plan School Safety project includes \$6.6 million in 2023 for pedestrian improvements in school zones. The project is mainly funded by SSTPIF (\$5.8 million in 2023). These capital improvements may include school zone signing, crosswalk maintenance, curb bulb and curb ramp replacement and maintenance, sidewalk maintenance, and changes to traffic circulation around schools.
- The Pedestrian Master Plan–Stairway Rehabilitation program totals \$1.5 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

Department of Transportation

proper width, step height, grip rail, landings, and other features required by the Americans with Disabilities Act.

- The SDOT ADA Program includes almost \$13.0 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 2023 funding, \$10 million comes from the Move Seattle Levy. SSTPIF provides \$900,000 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	2023
PMP - Crossing Improvements	\$5,718,713
PMP - New Sidewalks	\$9,546,928
PMP - School Safety	\$6,637,999
PMP - Stairway Rehabilitation	\$1,525,152
SDOT ADA Program	\$13,022,368
Total	\$36,451,160

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 \$3.2 million in 2023 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 \$28.4 million in 2023 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 Adopted CIP includes \$2.0 million for this project in 2023.

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

Bike Master Plan Projects	2023
BMP - Greenways	\$3,247,000
BMP - Protected Bike Lanes	\$28,409,330
BMP - Urban Trails and Bikeways	\$1,958,999
Total	\$33,615,329

2023-2028 Adopted Capital Improvement Program

Department of Transportation

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 2023 estimated costs and not the entire capital project funding in each case.

Projects that Support the Bike & Pedestrian Master Plan	2023
Accessible Mt. Baker Implementation	\$900,000
Aurora Avenue North Safety Improvements	\$1,350,000
Burke-Gilman Trail Extension	\$2,900,000
Georgetown to South Park Trail	\$4,500,000
Heavy Haul Network Program - East Marginal Way	\$9,791,009
Madison BRT - RapidRide G Line	\$47,717,615
NE 45th St Bridge I-5 Crossing Improvements	\$1,500,000
Neighborhood Large Projects	\$2,081,785
North of Downtown Mobility Action Plan	\$1,102,899
Northgate Bridge and Cycle Track	\$1,231,099
Overlook Walk and East-West Connections Project	\$72,834,997
RapidRide Roosevelt	\$37,000,457
Route 40 Transit-Plus Multimodal Corridor	\$5,000,000
Route 44 Transit-Plus Multimodal Corridor	\$1,791,355
Route 7 Transit-Plus Multimodal Corridor Project	\$1,722,022
Sidewalk Safety Repair	\$4,443,380
SPU Drainage Partnership - Broadview Pedestrian Improvements	\$1,175,000
Thomas Street Redesigned	\$3,260,511
Transit Corridor Improvements	\$6,026,401
Urban Design Capital Projects	\$250,000
Vision Zero	\$8,363,678
Total	\$214,942,208

Aurora Avenue North Safety Improvements is a new CIP project added in the 2022 Year-End Supplemental Budget Legislation. The State Move Ahead Washington transportation package passed in spring 2022 [authorizes \\$50 million](#) for the project. The \$2 million Aurora Ave N Planning Study (funded by \$1.5 million grant and half million Move Seattle Levy) is currently underway and will be transferred from Vision Zero to the new CIP in 2023. The new project will improve Aurora Avenue North safety, mobility, and accessibility for all travelers. Improvements may include new sidewalks, transit improvements, medians and access management, lighting, signalized crossings, and potential roadway channelization changes.

Transit Projects:

In addition to streetcars, the 2023-28 Adopted CIP contains 13 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.

2023-2028 Adopted Capital Improvement Program

Department of Transportation

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 2021-26 Adopted CIP.

The 2023-28 Adopted CIP adds the initial investment for a new CIP transit corridor project: Harrison St. Transit Corridor. The \$500,000 budget in 2023 is funded by Landscape Conservation & Local Infrastructure Program (LCLIP) revenue. This project will rebuild Harrison St. and improve connecting transit corridors to serve high-frequency bus routes and significantly increased pedestrian activity. It has been awarded \$4.2 million Puget Sound Regional Council (PSRC) grant and SDOT will continue to seek other funding opportunities.

As mentioned above, the 2023-28 Adopted CIP adds initial investment to another transit corridor project, 130th Link Station Transit & Multimodal Access – East Corridor (under Seattle Transportation Benefit District - Transit Improvements master project). The \$300,000 budget is funded by the Seattle Transit Measure (STM). This project will establish a new multimodal corridor to connect light rail riders to the future NE 130th St. light rail station by implementing transit speed and reliability, safety, access, bus stop amenities, and pedestrian improvements concurrent with station opening in 2025. It has been awarded a \$5.5 million PSRC grant.

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.

A material change to the STM capital cap was proposed in the Mayor’s proposed budget that would have increased the annual capital allotment from \$3 million to \$6 million from 2023 through the life of the measure. The City Council revised this proposal to increase the annual cap to \$15 million. The increased funding will support various transit improvements; a significant number of the improvements will address safety issues through the partnership with the Vizion Zero team. Sample projects funded by this additional \$12 million/year include Rainier Corridor Safety and Access Improvements, bridge and structural maintenance related transit improvements, or MLK/Judkins Park Station Area Safety and Access Improvements.

The table below shows a summary of transit related investments:

Transit Projects (excluding Streetcar Projects)	2023
3rd Avenue Corridor Improvements	\$1,785,000
Harrison St Transit Corridor	\$500,000
Lynnwood Link Extension	\$70,001
Madison BRT - RapidRide G Line	\$47,717,615
RapidRide Roosevelt	\$37,000,457

2023-2028 Adopted Capital Improvement Program

Department of Transportation

Route 40 Transit-Plus Multimodal Corridor	\$5,000,000
Route 44 Transit-Plus Multimodal Corridor	\$1,791,355
Route 48 Transit-Plus Multimodal Corridor	\$1,503,000
Route 7 Transit-Plus Multimodal Corridor Project	\$1,722,022
Seattle Transportation Benefit District - Transit Improvements	\$13,640,000
Sound Transit - East Link	\$70,000
Sound Transit 3	\$4,330,525
Transit Corridor Improvements	\$6,026,401
Total	\$121,156,376

In addition to the transit improvements listed above, a new CIP project (First Hill Streetcar Replacement and Repair) is created in the 2022 Year-End Supplemental Budget Legislation to designate funding to preserve the existing streetcar infrastructure. The 2023-2028 Adopted CIP appropriates \$850,000 in 2023 for the new project.

Freight Projects:

The Heavy Haul Network Program East Marginal Way project currently has two Segments, North and Central, to maximize grant utilization and deliver safety improvements as quickly as possible. The North Segment reconstructs 2.12 miles of East Marginal Way to heavy haul pavement standards supporting freight traffic, constructs a two-way protected bike lane between South Atlantic and South Spokane Street, and makes signal improvements aimed at increasing safety for people using both modes. The Central Segment reconstructs 0.63 miles of East Marginal Way and creates a shared use path between South Spokane Street and Diagonal Avenue South. The 2023-2028 Adopted CIP includes a \$2.6 million (\$1.3 million in 2023) REET allocation for this project.

The Adopted CIP also includes \$4.9 million in 2023 (\$1.9 million funded by the Move Seattle Levy) 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	2023
Freight Spot Improvement Program	\$4,930,184
Heavy Haul Network Program - East Marginal Way	\$9,791,009
Total	\$14,721,193

Bridge & Structures Projects:

2023-2028 Adopted Capital Improvement Program

Department of Transportation

The City owns 126 bridges and maintaining all of them in appropriate condition is a major challenge. The Bridge Rehabilitation program in the 2023-2028 Adopted CIP explores the feasible rehabilitation and replacement options for the long-term future of 10 bridges. 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 2023-28 Adopted CIP also includes \$5.3 million in 2023 for the Bridge Painting program, which is a critical asset preservation project for the City's 20 structural steel bridges.

Benefiting from the 2% Commercial Parking Tax (CPT) increase approved by the City Council in 2021, \$5.6 million is appropriated for the Structures Major Maintenance program in 2023. This program provides funding for major maintenance and rehabilitation of the City's bridges and structural assets, including: 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. In the 2023-28 Adopted CIP, this funding has been replaced with Real Estate Excise Tax to close a CPT shortfall.

Two actions by the City Council in 2022 added two new funding sources for bridge repair and maintenance, including general fund (\$1 million in 2023 and \$500,000 in 2024) and the new \$10 vehicle license fees increase (\$461,000 in 2023, increased to \$1 million per year starting 2024).

In addition to the ongoing bridge programs, the 2023-28 Adopted 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 Willow Creek Stream Mitigation project (to be completed by 2024) will serve as off-site fish passage restoration and the mitigation project site at NE 100th will provide better access to suitable quality habitat. West Seattle Bridge Repair Project is expected to be complete early 2023, as the package of Reconnect West Seattle mitigation projects and bridge close-out activities finish remaining work after the bridge reopening in 2022.

In addition to bridges, SDOT also maintains more than 600 retaining walls throughout Seattle. The 2023-2028 Adopted CIP includes \$212,000 in funding for small scale retaining wall repairs throughout the city.

Bridge & Structures	2023
Bridge Load Rating	\$346,000
Bridge Painting Program	\$5,317,897
Bridge Rehabilitation and Replacement	\$30,001
Bridge Seismic - Phase III	\$11,764,226
Hazard Mitigation Program - Areaways	\$402,000
Northgate Bridge and Cycle Track	\$1,231,099
Retaining Wall Repair and Restoration	\$211,999
Structures Major Maintenance	\$5,561,000
Total	\$24,864,223

Seattle Waterfront Capital Projects:

2023-2028 Adopted Capital Improvement Program

Department of Transportation

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 numerous public improvements aimed at both improving transportation and creating new public spaces for residents and visitors to enjoy.

The Elliott Bay Seawall Project was completed in 2017. WSDOT opened the tunnel and demolished the old viaduct structure and restored waterfront access, part of which is constructed as part of the Alaskan Way Viaduct Replacement Project. Viaduct removal cleared the way for the Alaskan Way Main Corridor transportation project, which began in 2019. Work also began on the East-West Connections Project, including the Overlook Walk in 2021. The Seattle Department of Parks and Recreation is funding additional projects under construction, including the Aquarium Expansion and rehabilitating two piers established as public parks (led by the Office of the Waterfront and Civic Projects), and the 2023 budget proposal includes a Facilities and Administrative Services project for a Waterfront Operations & Tribal Interpretive Center building including property acquisition and rehabilitation.

The Alaskan Way Viaduct Replacement Project 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. The Alaskan Way Main Corridor and the Overlook Walk and East-West Connection projects are led by the Office of the Waterfront and Civic Projects. The Alaskan Way Main Corridor project began work in 2019 and includes the design and construction of the Alaskan Way/Elliott Way surface street, a 2-way bike facility, and the adjoining pedestrian promenade along the waterfront along with several east-west connections that are primarily funded by WSDOT (e.g., the Marion Street Pedestrian Bridge). Substantial completion is slated for late 2024/early 2025.

The Overlook Walk and East-West Connections projects include the Overlook Walk which 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 began construction in earnest in 2022, with substantial completion anticipated in late 2024/early 2025.

CIP Revenue Sources

Multiple funding sources support the Transportation CIP, including:

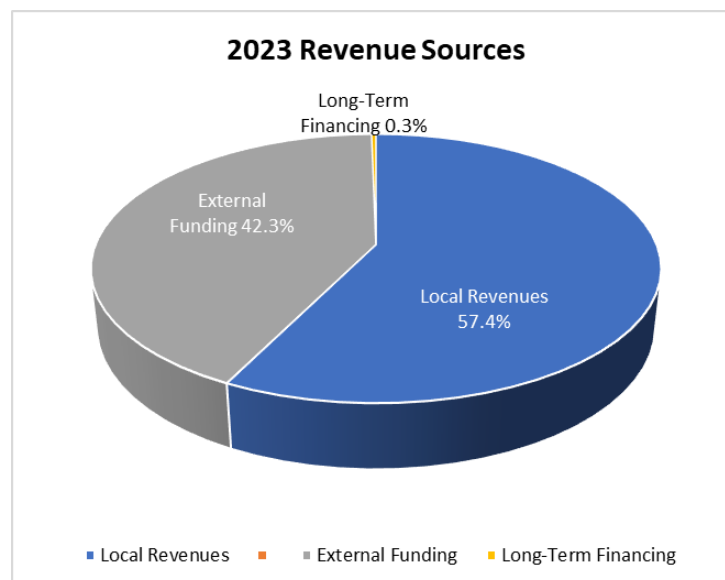
- Move Seattle Levy;
- Gas Tax;
- Multimodal funds;
- Real Estate Excise Tax;
- Commercial Parking Tax;

2023-2028 Adopted Capital Improvement Program

Department of Transportation

- Vehicle License Fees;
- Long-term financing (general obligation bonds);
- JumpStart Payroll Expense Tax (payroll tax);
- Public Works Trust Fund Loans;
- Sales Tax;
- Street vacation revenues;
- School Safety and Pedestrian funds;
- Landscape Conservation & Local Infrastructure Program;
- Waterfront Local Improvement District (LID) assessment tax;
- 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 2023 the SDOT Adopted CIP budget is \$390.5 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, JumpStart Payroll Expense Tax (payroll tax), School Safety Traffic and Pedestrian Improvement (SSTPI) funds, voter-approved sales tax from the Seattle Transit Measure, and Landscape Conservation & Local Infrastructure Program (LCLIP) revenues. 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.

2023-2028 Adopted Capital Improvement Program

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.
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 numerous methods including planning processes (modal, subarea, neighborhood planning), preservation, operations and safety needs assessment, regulatory requirements, and elected official direction.

Community members have significant input in 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.

City Council Changes to the Proposed Budget

The City Council made the following changes to the 2023-2028 Adopted CIP:

- The City Council passed Ordinance 126720, which increased vehicle license fees (“car tab fees”) by \$10, bringing the City’s total vehicle license fee (VLF) to \$50. The revenues from this action are budgeted as follows: \$1.5 million to a new NE 45th St. Bridge I-5 Crossing Improvements project in 2023; \$461,000 in 2023 and \$2 million in 2024 for bridge maintenance; and \$2 million in 2024 to the Vision Zero project for pedestrian safety improvements.
- The City Council allocated \$1 million of School Safety, Traffic and Pedestrian Improvement Fund dollars to expand the School Zone Camera Program and implement projects in the School Safety program as part of the Pedestrian Master Plan.
- The City Council added \$1 million in 2023 and \$500,000 in 2024 to increase investment on bridge repair and maintenance.
- The City Council reduced funding for Bridge Painting and Sidewalk Repair by a combined \$5.2 million in 2023.
- The City Council replaced \$300,000 of Seattle Transportation Benefit District vehicle license fees with Real Estate Excise Tax (REET) on the Vision Zero CIP. In the same action, the Council replaced \$300,000 of General Fund with STBD VLF in Maintenance-Operations. Similar replacements were made in separate actions for Commercial Parking Tax (CPT), totaling \$2.9M replaced by REET.
- The City Council passed Ordinance 126718, which increased the annual amount of Seattle Transit Measure (STM) sales tax revenues that can be used for capital projects from \$3 million to \$15 million. In 2023 and 2024, the operations budget was reduced by \$3.5 million. This funding and STM reserves were shifted to the STBD-Transit Improvements CIP as follows: \$9 million in 2023, \$9 million in 2024, \$3.5 million in 2025, and \$3.5 million in 2026.
- The City Council replaced \$2.6 million of VLF in 2023 and \$2.8 million of VLF in 2024 with VLF with Real Estate Excise Tax I (REET I) on five of SDOT’s capital projects. Council also replaced \$2.6 million of JumpStart funds in 2023 and \$2.8 million of JumpStart in 2024 with VLF on the Sound Transit 3 CIP project page.
- The City Council added \$250,000 of one-time JumpStart funds to plant and support establishment of trees in the public right-of-way.

City Council Provisos to the CIP

Ballard Greenway Proviso

This item imposes the following proviso:

"Of the appropriations in the Seattle Department of Transportation's 2023 budget for the Bike Master Plan - Greenways (MC-TR-C063) project in the 2023-2028 Capital Improvement Program, \$375,000 is appropriated solely to extend the 6th Ave NW Neighborhood Greenway from NW 50th St to NW 58th St, and may be spent for no other purpose."

Bike Lane Proviso

This item imposes the following proviso:

Department of Transportation

"Of the appropriations in Seattle Department of Transportation's 2023 budget for the Bike Master Plan - Protected Bike Lanes (MC-TR-C062) project in the 2023-2028 Capital Improvement Program, \$1,000,000 is appropriated solely

for the replacement of plastic bollards with concrete barriers on currently protected bike lanes in Council District Two and may be spent for no other purpose."

Roosevelt Way NE and NE 41st Street Safety Enhancements Project Proviso

This item imposes the following proviso:

"Of the appropriations in the Seattle Department of Transportation's 2023 budget for the Seattle Transportation Benefit District - Transit Improvements (MC-TR-C108) project in the 2023-2028 Capital Improvement Program, \$500,000 is appropriated solely for the Roosevelt Way NE and NE 41st St Safety Enhancements project to improve transit accessibility, and may be spent for no other purpose." Increase Seattle Transit Measure Capital Funding for Bridges

This action imposes the following proviso:

"Of the appropriations in the Seattle Department of Transportation's 2023 budget for the Seattle Transportation Benefit District - Transit Improvements (MC-TR-C108) CIP project, \$12,000,000 is appropriated solely for bridge-related or structures-related transit improvements, and may be spent for no other purpose."

Increase Vehicle License Fees and Impose Provisos

This action imposes the following two provisos:

"Of the appropriations in the Seattle Department of Transportation's 2023 budget for the NE 45th St Bridge I-5 Crossing Improvements (MC-TR-C122) project in the 2023-2028 Capital Improvement Program, \$1.5 million is appropriated solely for pedestrian and bicycle safety improvements on the NE 45th St I-5 Overpass and may be spent for no other purpose."

"Of the appropriations in the Seattle Department of Transportation's 2023 budget for the Structures Major Maintenance CIP (MC-TR-C112) project in the 2023-2028 Capital Improvement Program, \$461,000 is allocated solely for bridge major maintenance expenses and may be spent for no other purpose."

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 5 - Construction	Council District:	Council District 3
Start/End Date:	2013 - 2022	Neighborhood District:	Central
Total Project Cost:	\$62,478	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. The Vision Zero Phase 3 of the project will construct new traffic signals, parking modifications, new curb ramps, traffic calming, speed reduction, pedestrian safety, and transit stop improvements.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	3,063	9	-	-	-	-	-	-	3,071
Commercial Parking Tax	115	16	-	-	-	-	-	-	131
Federal Grant Funds	4,990	-	-	-	-	-	-	-	4,990
King County Funds	-	2,500	-	-	-	-	-	-	2,500
LTGO Bond Proceeds	14,544	-	-	-	-	-	-	-	14,544
Private Funding/Donations	5	-	-	-	-	-	-	-	5
Real Estate Excise Tax II	4,964	-	-	-	-	-	-	-	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	7,778	5	-	-	-	-	-	-	7,782
Use of Fund Balance	(13)	13	-	-	-	-	-	-	-
Vehicle License Fees \$60 & 0.1% Sales Tax	548	1,252	-	-	-	-	-	-	1,800
Water Rates	10	-	-	-	-	-	-	-	10
Total:	58,547	3,991	-	-	-	-	-	-	62,538

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2011 Multipurpose LTGO Bond Fund	5,622	-	-	-	-	-	-	-	5,622
2016 Multipurpose LTGO Bond Fund	7,945	-	-	-	-	-	-	-	7,945
2017 Multipurpose LTGO Bond Fund	977	-	-	-	-	-	-	-	977
Bridging The Gap Levy Fund	11,730	-	-	-	-	-	-	-	11,730
Move Seattle Levy Fund	7,568	11	-	-	-	-	-	-	7,579
REET II Capital Fund	4,964	-	-	-	-	-	-	-	4,964
Transportation Benefit District Fund	548	1,252	-	-	-	-	-	-	1,800
Transportation Fund	19,193	2,728	-	-	-	-	-	-	21,921
Total:	58,547	3,991	-	-	-	-	-	-	62,538

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	2,187	118	-	-	-	-	-	-	2,305
Developer Mitigation	(75)	152	-	-	-	-	-	-	77
Federal Grant Funds	6,431	2,945	-	-	-	-	-	-	9,376
King County Funds	1,297	1,397	-	-	-	-	-	-	2,694
Landscape Conservation & Local Infrastructure Program	-	380	1,785	3,200	-	-	-	-	5,365
Private Funding/Donations	1	-	-	-	-	-	-	-	1
Real Estate Excise Tax I	12	-	-	-	-	-	-	-	12
Real Estate Excise Tax II	708	-	-	-	-	-	-	-	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:	11,524	4,855	1,785	3,200	-	-	-	-	21,364
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	622	-	-	-	-	-	-	-	622
Move Seattle Levy Fund	(131)	131	-	-	-	-	-	-	-
REET I Capital Fund	-	-	-	-	-	-	-	-	-
REET II Capital Fund	708	-	-	-	-	-	-	-	708
Transportation Fund	10,325	4,724	1,785	3,200	-	-	-	-	20,034
Total:	11,524	4,855	1,785	3,200	-	-	-	-	21,364

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Street Use Fees	-	(4,251)	-	-	-	-	-	1,000	(3,251)
Street Vacations - SVF	-	400	-	-	-	-	-	-	400
User Fees	16,765	9,272	1,691	1,000	1,000	-	-	-	29,728
Total:	16,765	5,421	1,691	1,000	1,000	-	-	1,000	26,877
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Fund	16,765	5,421	1,691	1,000	1,000	-	-	1,000	26,877
Total:	16,765	5,421	1,691	1,000	1,000	-	-	1,000	26,877

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.

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

Accessible Mt. Baker Implementation

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

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

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Federal Grant Funds	-	2,610	-	-	-	-	-	-	2,610
State Grant Funds	-	-	900	-	-	-	-	-	900
Transportation Move Seattle Levy - Lid Lift	1,324	677	-	-	-	-	-	-	2,000
Total:	1,324	3,287	900	-	-	-	-	-	5,510
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	1,324	677	-	-	-	-	-	-	2,000
Transportation Fund	-	2,610	900	-	-	-	-	-	3,510
Total:	1,324	3,287	900	-	-	-	-	-	5,510

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.

* Funds 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:	\$374,355	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.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	16	-	-	-	-	-	-	-	16
Commercial Parking Tax	6,118	-	-	-	-	-	-	-	6,118
Drainage and Wastewater Rates	263	-	-	-	-	-	-	-	263
Interfund Loan - Waterfront LID Fund	591	-	-	-	-	-	-	-	591
Local Improvement District Funding	4,723	13,302	10,575	-	-	-	-	-	28,600
LTGO Bond Proceeds	64,568	20,883	713	-	-	-	-	-	86,165
Miscellaneous Revenues	-	300	-	-	-	-	-	-	300
Partnership - WSDOT	153,953	44,668	14,990	-	-	-	-	-	213,611
Private Funding - Utilities	1,111	-	-	-	-	-	-	-	1,111
Private Funding/Donations	2,488	5,120	3,390	3,144	-	-	-	-	14,142
Real Estate Excise Tax II	2,267	5,906	-	-	-	-	-	-	8,173
Seawall Levy	5,297	1,005	-	-	-	-	-	-	6,302
State Grant Funds	1,951	202	-	-	-	-	-	-	2,153
Street Use Fees	3,604	-	-	-	-	-	-	-	3,604
Street Vacations - CRSU	1,300	-	-	-	-	-	-	-	1,300
Street Vacations - SVF	1,338	169	-	-	-	-	-	-	1,507
Transportation Move Seattle Levy - Lid Lift	-	400	-	-	-	-	-	-	400
Total:	249,588	91,955	29,668	3,144	-	-	-	-	374,355

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

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2015 Multipurpose LTGO Bond Fund	7,395	-	-	-	-	-	-	-	7,395
2016 Multipurpose LTGO Bond Fund	13,893	-	-	-	-	-	-	-	13,893
2017 Multipurpose LTGO Bond Fund	6,425	-	-	-	-	-	-	-	6,425
2018 LTGO Taxable Bond Fund	386	122	-	-	-	-	-	-	509
2018 Multipurpose LTGO Bond Fund	6,117	-	-	-	-	-	-	-	6,117
2019 Multipurpose LTGO Bond Fund	10,373	840	-	-	-	-	-	-	11,213
2020 Multipurpose LTGO Bond Fund	11,361	3,395	-	-	-	-	-	-	14,756
2021 Multipurpose LTGO Bond Fund	3,748	6,252	-	-	-	-	-	-	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	-	80	-	-	-	-	-	-	80
Alaskan Way Seawall	-	279	-	-	-	-	-	-	279
Alaskan Way Seawall	-	646	-	-	-	-	-	-	646
Alaskan Way Seawall Const Fund	5,297	-	-	-	-	-	-	-	5,297
Central Waterfront Improvement Fund	13,750	5,420	3,390	3,144	-	-	-	-	25,704
Move Seattle Levy Fund	-	400	-	-	-	-	-	-	400
REET II Capital Fund	1,977	5,906	-	-	-	-	-	-	7,883
Transportation Fund	166,835	45,039	14,990	-	-	-	-	-	226,864
Unrestricted Cumulative Reserve Fund	1,300	-	-	-	-	-	-	-	1,300
Waterfront LID #6751	-	13,302	10,575	-	-	-	-	-	23,877
Total:	249,588	91,955	29,668	3,144	-	-	-	-	374,355

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.

* Funds 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:	\$101,229	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	2022 Revised	2023	2024	2025	2026	2027	2028	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
Internal Service Fees and Allocations, Outside Funding Partners	1	(1)	-	-	-	-	-	-	-
King County Funds	3,127	-	-	-	-	-	-	-	3,127
LTGO Bond Proceeds	43,276	217	-	-	-	-	-	-	43,492
Partnership - WSDOT	33,242	2,773	-	-	-	-	-	-	36,015
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:	95,561	4,123	-	-	-	-	-	-	99,684

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

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	305	-	-	-	-	-	-	-	305
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	49,005	3,322	-	-	-	-	-	-	52,327
Total:	95,561	4,123	-	-	-	-	-	-	99,684

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.

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

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 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	32	1,442	-	-	-	-	-	-	1,475
Commercial Parking Tax	189	-	-	-	-	-	-	-	189
Drainage and Wastewater Rates	1,260	622	-	-	-	-	-	-	1,882
Federal Grant Funds	6,597	11,843	-	-	-	-	-	-	18,440
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
LTGO Bond Proceeds	122	-	-	-	-	-	-	-	122
Private Funding - Utilities	993	(993)	-	-	-	-	-	-	-
Real Estate Excise Tax I	2,630	1,290	-	-	-	-	-	-	3,920
Real Estate Excise Tax II	536	37	-	-	-	-	-	-	573
State Grant Funds	1,636	-	-	-	-	-	-	-	1,635
Transportation Funding Package - Lid Lift	-	12	-	-	-	-	-	-	12
Transportation Move Seattle Levy - Lid Lift	129,021	8,878	8,996	21,044	-	-	-	-	167,939
Water Rates	726	(101)	-	-	-	-	-	-	625
Total:	143,742	23,030	8,996	21,044	-	-	-	-	196,812
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2015 Multipurpose LTGO Bond Fund	122	-	-	-	-	-	-	-	122
Bridging The Gap Levy Fund	-	12	-	-	-	-	-	-	12
Move Seattle Levy Fund	128,716	5,390	8,996	21,044	-	-	-	-	164,146
REET I Capital Fund	2,630	1,290	-	-	-	-	-	-	3,920
REET II Capital Fund	536	37	-	-	-	-	-	-	573
Transportation Fund	11,738	16,301	-	-	-	-	-	-	28,039
Total:	143,742	23,030	8,996	21,044	-	-	-	-	196,812

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	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	-	-	-	-	-	-	-	8,785
Vehicle Licensing Fees	346	-	-	-	-	-	-	-	346
Total:	223,713	-	-	-	-	-	-	-	223,713

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

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	-	-	-	-	-	-	-	8,785
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	-	-	-	-	-	-	-	223,713

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	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	-	644	582	-	-	-	-	5,567
Real Estate Excise Tax II	6,644	939	-	-	500	500	513	513	9,609
State Gas Taxes - City Street Fund	1	-	-	-	-	-	-	-	1
Street Vacations - SVF	757	195	-	-	-	-	-	-	953
Transportation Funding Package - Lid Lift	2,288	-	-	-	-	-	-	-	2,288
Transportation Move Seattle Levy - Lid Lift	16,698	3,955	6,750	6,834	-	-	-	-	34,237
Vehicle Licensing Fees	1,913	1,945	35	111	714	-	-	-	4,719
Total:	37,767	7,038	7,429	7,527	2,998	500	513	513	64,285
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	2,288	-	-	-	-	-	-	-	2,288
Garage Disposition Proceeds	1,560	-	-	-	-	-	-	-	1,560
Move Seattle Levy Fund	16,698	3,955	6,750	6,834	-	-	-	-	34,237
REET I Capital Fund	4,341	-	644	582	-	-	-	-	5,567
REET II Capital Fund	6,644	939	-	-	500	500	513	513	9,609
Transportation Benefit District Fund	1,913	1,945	35	111	714	-	-	-	4,719
Transportation Fund	4,322	199	-	-	1,784	-	-	-	6,304
Total:	37,767	7,038	7,429	7,527	2,998	500	513	513	64,285
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	4,637	-	(1)	8,636	13,273
Total:	-	-	-	-	4,637	-	(1)	8,636	13,273

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.

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

Aurora Avenue North Safety Improvements

Project No:	MC-TR-C118	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Aurora Avenue North
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Multiple
Start/End Date:	2022 - 2037	Neighborhood District:	Multiple
Total Project Cost:	\$50,000	Urban Village:	Multiple

This project will design and construct improvements along the Aurora Avenue North corridor. This project seeks to improve safety, mobility, and accessibility for all travelers. Improvements may include new sidewalks, transit improvements, medians/access management, lighting, signalized crossings, and potential roadway channelization changes.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
State Grant Funds	-	900	1,350	4,100	4,750	5,500	34,300	-	50,900
Transportation Move Seattle Levy - Lid Lift	-	500	-	-	-	-	-	-	500
Total:	-	1,400	1,350	4,100	4,750	5,500	34,300	-	51,400
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	-	500	-	-	-	-	-	-	500
Transportation Fund	-	900	1,350	4,100	4,750	5,500	34,300	-	50,900
Total:	-	1,400	1,350	4,100	4,750	5,500	34,300	-	51,400

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.

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

Battery Street Portal Improvements

Project No:	MC-TR-C116	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	
Current Project Stage:		Council District:	Council District 7
Start/End Date:		Neighborhood District:	
Total Project Cost:	\$500	Urban Village:	Downtown

The Battery Street Portal Improvements project provides for the design and construction of public space amenities at the former portal site of the now decommissioned Battery Street tunnel. Public space amenities may include, but are not limited to: a deck, benches and tables, lighting, waste receptacles, sidewalk improvements, and physical improvements to facilitate the hosting of food trucks on site. The intent of this project is to promote public use of the site until the long-term use of the site is determined. These improvements are not intended to preclude the potential development of a school or other public facility on the site in the future.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax II	-	500	-	-	-	-	-	-	500
Total:	-	500	-	-	-	-	-	-	500

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET II Capital Fund	-	500	-	-	-	-	-	-	500
Total:	-	500	-	-	-	-	-	-	500

O&M Impacts:

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

Bike Master Plan - Greenways

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

This ongoing program creates routes on residential streets that are optimized for safer and more comfortable walking and biking for people of all ages and abilities. Typical improvements include curb ramps, speed humps, crosswalks, median islands, shared lane markings, stop signs, traffic signals, pavement and sidewalk repair, and wayfinding signs. The goals of the program are to design streets with lower vehicle speeds and volumes; to increase the number of people walking and biking on residential streets; and to improve walking and biking access to schools, trails, parks, transit and neighborhood businesses.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	19	44	-	-	-	-	-	-	63
Developer Mitigation	800	87	-	-	-	-	-	-	887
Drainage and Wastewater Rates	4	40	-	-	-	-	-	-	44
Federal Grant Funds	245	1,630	-	-	-	-	-	-	1,875
Landscape Conservation & Local Infrastructure Program	148	126	-	-	-	-	-	-	274
Real Estate Excise Tax II	597	1,953	93	907	919	951	984	1,018	7,422
School Camera Ticket Revenues	1,144	(1,144)	835	1,103	1,862	-	-	-	3,800
State Grant Funds	544	(56)	-	-	-	-	-	-	488
Traffic Enforcement Camera Revenue	-	1,400	-	-	-	-	-	-	1,400
Transportation Move Seattle Levy - Lid Lift	14,070	6,031	2,319	180	-	-	-	-	22,600
Vehicle Licensing Fees	1,759	(59)	-	-	-	-	-	-	1,700
Water Rates	136	(129)	-	-	-	-	-	-	7
Total:	19,467	9,923	3,247	2,190	2,781	951	984	1,018	40,560
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Coronavirus Local Fiscal Recovery Fund	245	1,630	-	-	-	-	-	-	1,875
Move Seattle Levy Fund	14,130	5,971	2,319	180	-	-	-	-	22,600
REET II Capital Fund	597	1,953	93	907	919	951	984	1,018	7,422
School Safety Traffic and Pedestrian Improvement Fund	1,144	256	835	1,103	1,862	-	-	-	5,200
Transportation Benefit District Fund	1,694	6	-	-	-	-	-	-	1,700
Transportation Fund	1,657	107	-	-	-	-	-	-	1,763
Total:	19,467	9,923	3,247	2,190	2,781	951	984	1,018	40,560
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	3,196	3,272	3,345	4,758	14,571
Total:	-	-	-	-	3,196	3,272	3,345	4,758	14,571

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.

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

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. Life-to-date actuals may include the BMP spot improvements, Urban Trails, and Neighborhood Greenways, which were previously combined with this project's budget.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	311	113	-	-	-	-	-	-	424
Commercial Parking Tax	1,380	(218)	-	-	-	-	-	-	1,162
Developer Mitigation	-	1,600	-	(1,600)	-	-	-	-	-
Drainage and Wastewater Rates	147	-	-	-	-	-	-	-	147
Federal Grant Funds	7,992	2,213	3,900	-	-	-	-	-	14,105
General Fund	1,266	674	-	-	-	-	-	-	1,940
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Private Funding/Donations	10	-	-	-	-	-	-	-	10
Public Benefit Payment	709	33	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	5,712	(337)	-	-	-	-	-	-	5,375
State Grant Funds	579	3,200	-	-	-	-	-	-	3,778
Street Vacations - SVF	1,507	1,333	2,000	-	-	-	-	-	4,839
Transportation Funding Package - Lid Lift	23,944	-	-	-	-	-	-	-	23,944
Transportation Move Seattle Levy - Lid Lift	35,378	8,754	8,151	8,630	-	-	-	-	60,914
Transportation Network Company Revenue	-	300	-	-	-	-	-	-	300
User Fees	1,631	(435)	-	-	-	-	-	-	1,196
Vehicle Licensing Fees	7,283	2,388	1,358	-	-	-	-	-	11,029
Total:	89,031	19,626	28,409	9,287	-	-	-	-	146,354

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

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	23,944	-	-	-	-	-	-	-	23,944
General Fund	1,266	974	-	-	-	-	-	-	2,240
Move Seattle Levy Fund	35,564	8,568	8,151	8,630	-	-	-	-	60,914
REET I Capital Fund	400	-	-	-	-	-	-	-	400
REET II Capital Fund	441	4	-	-	-	-	-	-	444
School Safety Traffic and Pedestrian Improvement Fund	-	-	-	-	-	-	-	-	-
Transportation Benefit District Fund	7,284	2,387	1,358	-	-	-	-	-	11,029
Transportation Fund	20,133	7,693	18,900	657	-	-	-	-	47,383
Total:	89,031	19,626	28,409	9,287	-	-	-	-	146,354

Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	11,437	9,829	10,050	10,321	41,636
Total:	-	-	-	-	11,437	9,829	10,050	10,321	41,636

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
School Camera Ticket Revenues	-	-	220	280	500	-	-	-	1,000
Transportation Funding Package - Lid Lift	103	3	-	-	-	-	-	-	106
Transportation Move Seattle Levy - Lid Lift	3,416	1,394	1,739	1,631	-	-	-	-	8,180
User Fees	304	-	-	-	-	-	-	-	304
Vehicle Licensing Fees	334	(3)	-	-	-	-	-	-	331
Total:	4,157	1,394	1,959	1,911	500	-	-	-	9,921
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	103	3	-	-	-	-	-	-	106
Move Seattle Levy Fund	3,419	1,390	1,739	1,631	-	-	-	-	8,180
School Safety Traffic and Pedestrian Improvement Fund	-	-	220	280	500	-	-	-	1,000
Transportation Benefit District Fund	331	-	-	-	-	-	-	-	331
Transportation Fund	304	-	-	-	-	-	-	-	304
Total:	4,157	1,394	1,959	1,911	500	-	-	-	9,921
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	1,352	1,326	1,359	1,393	5,430
Total:	-	-	-	-	1,352	1,326	1,359	1,393	5,430

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Street Use Fees	-	(276)	-	-	-	-	-	-	(276)
User Fees	1,674	276	-	-	-	-	-	-	1,950
Total:	1,674	-	-	-	-	-	-	-	1,674

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Fund	1,674	-	-	-	-	-	-	-	1,674
Total:	1,674	-	-	-	-	-	-	-	1,674

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

* Funds 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 associated with this program is performed by both City staff and consultants and ensures public safety. The additional funding that was approved for this program to update the load ratings due to load rating standards issued by the FHWA on November 13, 2013 for Specialized Hauling Vehicles (SHV) and 2016 for Emergency Vehicles as part of signing the FAST ACT in 2015, will be completed by the end of 2022 to comply with these Federal mandates.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	300	-	-	-	-	-	-	-	300
General Fund	302	-	-	-	-	-	-	-	302
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax I	440	220	-	-	-	-	-	-	660
Real Estate Excise Tax II	1,278	294	346	273	-	377	386	395	3,349
State Gas Taxes - City Street Fund	5,322	-	-	-	366	-	-	-	5,688
Street Vacations - SVF	1,036	658	-	-	-	-	-	-	1,694
Use of Fund Balance	-	-	-	-	-	-	-	-	-
Vehicle Licensing Fees	200	-	-	-	-	-	-	-	200
Total:	8,878	1,172	346	273	366	377	386	395	12,194
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	302	-	-	-	-	-	-	-	302
REET I Capital Fund	440	220	-	-	-	-	-	-	660
REET II Capital Fund	1,278	294	346	273	-	377	386	395	3,349
Transportation Benefit District Fund	200	-	-	-	-	-	-	-	200
Transportation Fund	6,659	658	-	-	366	-	-	-	7,683
Total:	8,878	1,172	346	273	366	377	386	395	12,194

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	25	-	-	-	-	-	-	-	25
Federal Grant Funds	180	5,000	-	-	-	-	-	-	5,180
General Fund	1,189	-	-	-	-	-	-	-	1,189
King County Funds	10	-	-	-	-	-	-	-	10
Real Estate Excise Tax I	141	-	-	-	-	-	-	-	141
Real Estate Excise Tax II	27,788	2,658	5,318	2,576	696	2,235	1,208	-	42,479
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:	30,318	7,663	5,318	2,576	696	2,235	1,208	-	50,014
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	1,189	-	-	-	-	-	-	-	1,189
REET I Capital Fund	141	-	-	-	-	-	-	-	141
REET II Capital Fund	27,788	2,663	5,318	2,576	696	2,235	1,208	-	42,485
Transportation Fund	1,200	5,000	-	-	-	-	-	-	6,200
Total:	30,318	7,663	5,318	2,576	696	2,235	1,208	-	50,014
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	-	-	16,265	13,977	30,241
Total:	-	-	-	-	-	-	16,265	13,977	30,241

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

* Funds 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, which reached substantial completion in July of 2021.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
	6	-	-	-	-	-	-	-	6
City Light Fund Revenues	2,876	25	-	-	-	-	-	-	2,901
Commercial Parking Tax	2,647	-	-	-	-	-	-	-	2,647
Drainage and Wastewater Rates	207	575	-	-	-	-	-	-	782
Federal Grant Funds	20,900	736	-	-	-	-	-	-	21,636
General Fund	11	-	-	-	-	-	-	-	11
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
King County Funds	538	2	-	-	-	-	-	-	540
LTGO Bond Proceeds	58,418	1,338	-	-	-	-	-	-	59,756
Miscellaneous Grants or Donations	-	-	-	-	-	-	-	-	-
Private Funding/Donations	2,374	-	-	-	-	-	-	-	2,374
Public Works Trust Fund Proceeds	17,000	-	-	-	-	-	-	-	17,000
Real Estate Excise Tax II	320	-	-	-	-	-	-	-	320
State Gas Taxes - City Street Fund	20	-	-	-	-	-	-	-	20
State Grant Funds	7,616	(736)	-	-	-	-	-	-	6,880
Street Vacations - SVF	150	60	-	-	-	-	-	-	211
Transportation Funding Package - Business Transportation Tax	1,544	-	-	-	-	-	-	-	1,544
Transportation Funding Package - Lid Lift	2,943	-	-	-	-	-	-	-	2,943
Transportation Move Seattle Levy - Lid Lift	14,150	582	30	30	33	-	-	-	14,826
Water Rates	223	-	-	-	-	-	-	-	223
Total:	131,943	2,583	30	30	33	-	-	-	134,618

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

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	4,525	-	-	-	-	-	-	-	4,525
2017 Multipurpose LTGO Bond Fund	2,374	-	-	-	-	-	-	-	2,374
2021 West Seattle Bridge Repair LTGO Bond Fund	-	1,339	-	-	-	-	-	-	1,339
Bridging The Gap Levy Fund	2,943	-	-	-	-	-	-	-	2,943
General Fund	11	-	-	-	-	-	-	-	11
Move Seattle Levy Fund	14,150	583	30	30	33	-	-	-	14,826
REET II Capital Fund	320	-	-	-	-	-	-	-	320
Transportation Fund	56,103	660	-	-	-	-	-	-	56,763
Total:	131,943	2,583	30	30	33	-	-	-	134,618
	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	149	104	-	-	-	-	-	-	253
Federal Grant Funds	1,559	-	-	-	-	-	-	-	1,559
LTGO Bond Proceeds	907	26	-	-	-	-	-	-	933
Real Estate Excise Tax I	115	7	-	-	-	-	-	-	122
Real Estate Excise Tax II	456	2,477	-	-	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	5,495	1,509	-	2,923	-	-	-	-	9,928
Total:	8,682	4,308	-	2,923	500	500	-	-	16,914
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2011 Multipurpose LTGO Bond Fund	324	-	-	-	-	-	-	-	324
2015 Multipurpose LTGO Bond Fund	583	26	-	-	-	-	-	-	609
Move Seattle Levy Fund	5,495	1,509	-	2,923	-	-	-	-	9,928
REET I Capital Fund	115	7	-	-	-	-	-	-	122
REET II Capital Fund	456	2,477	-	-	500	500	-	-	3,933
Transportation Fund	1,709	289	-	-	-	-	-	-	1,998
Total:	8,682	4,308	-	2,923	500	500	-	-	16,914
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	-	-	513	513	1,025
Total:	-	-	-	-	-	-	513	513	1,025

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

* Funds 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 then seismically retrofitting the structure. 16 bridges, 11 which are fully funded through construction and 5 to a concept design level, are part of the current phase of the program which is funded by the Levy to Move Seattle.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	-	-	-	-	-	-	-	-	-
Federal Grant Funds	3,260	9,508	-	-	-	-	-	-	12,769
LTGO Bond Proceeds	525	-	-	-	-	-	-	-	525
Real Estate Excise Tax II	-	130	-	-	-	-	-	-	130
State Grant Funds	5	332	-	-	-	-	-	-	336
Street Vacations - SVF	664	630	-	-	-	-	-	-	1,294
Transportation Funding Package - Lid Lift	97	-	-	-	-	-	-	-	97
Transportation Move Seattle Levy - Lid Lift	19,238	30,369	11,764	5,966	-	-	-	-	67,337
Total:	23,789	40,969	11,764	5,966	-	-	-	-	82,487
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2011 Multipurpose LTGO Bond Fund	525	-	-	-	-	-	-	-	525
Bridging The Gap Levy Fund	97	-	-	-	-	-	-	-	97
Move Seattle Levy Fund	19,238	30,369	11,764	5,966	-	-	-	-	67,337
REET II Capital Fund	-	130	-	-	-	-	-	-	130
Transportation Fund	3,929	10,470	-	-	-	-	-	-	14,399
Total:	23,789	40,969	11,764	5,966	-	-	-	-	82,487
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	5,952	6,130	6,283	6,440	24,805
Total:	-	-	-	-	5,952	6,130	6,283	6,440	24,805

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.

* Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars
204

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:	\$2,441	Urban Village:	Multiple

This project will advance the program planning and 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Move Seattle Levy - Lid Lift	1,947	93	-	-	-	-	-	-	2,041
Vehicle License Fees \$60 & 0.1% Sales Tax	-	400	-	-	-	-	-	-	400
Total:	1,947	493	-	-	-	-	-	-	2,441
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	1,947	93	-	-	-	-	-	-	2,041
Transportation Benefit District Fund	-	400	-	-	-	-	-	-	400
Total:	1,947	493	-	-	-	-	-	-	2,441

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

* Funds 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 3 - Design	Council District:	Council District 6
Start/End Date:	1995 - 2022	Neighborhood District:	Ballard
Total Project Cost:	\$40,072	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	1,694	378	-	-	-	-	-	-	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	1,079	35	-	-	-	-	-	-	1,114
Property Sales and Interest Earnings	24	(24)	-	-	-	-	-	-	-
Real Estate Excise Tax II	1,723	-	2,900	-	-	-	-	-	4,623
State Gas Taxes - City Street Fund	918	-	-	-	-	-	-	-	918
Street Vacations - SVF	811	539	-	-	-	-	-	-	1,350
Surplus Property Sales	850	549	-	-	-	-	-	-	1,399
Trail and Open Space Levy	4,163	108	-	-	-	-	-	-	4,270
Transportation Funding Package - Business Transportation Tax	458	-	-	-	-	-	-	-	458
Transportation Funding Package - Lid Lift	2,548	-	-	-	-	-	-	-	2,548
Transportation Move Seattle Levy - Lid Lift	5,999	2,199	-	-	-	-	-	-	8,197
Vehicle Licensing Fees	1,643	-	-	-	-	-	-	-	1,643
Water Rates	241	(17)	-	-	-	-	-	-	224
Total:	33,312	3,860	2,900	-	-	-	-	-	40,072

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

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2000 Parks Levy Fund	566	108	-	-	-	-	-	-	673
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	5,999	2,199	-	-	-	-	-	-	8,197
REET II Capital Fund	1,723	-	2,900	-	-	-	-	-	4,623
Transportation Benefit District Fund	1,643	-	-	-	-	-	-	-	1,643
Transportation Bond Fund	384	-	-	-	-	-	-	-	384
Transportation Fund	14,811	1,554	-	-	-	-	-	-	16,365
Unrestricted Cumulative Reserve Fund	635	-	-	-	-	-	-	-	635
Total:	33,312	3,860	2,900	-	-	-	-	-	40,072

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.

* Funds 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 4 - Procurement/Bid	Council District:	Multiple
Start/End Date:	2015 - 2023	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$16,647	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Developer Mitigation	1,792	(403)	-	-	-	-	-	-	1,388
Federal Grant Funds	3,209	2,025	-	-	-	-	-	-	5,234
Interdepartmental Transfer	-	490	-	-	-	-	-	-	490
Miscellaneous Grants or Donations	-	-	-	-	-	-	-	-	-
Partnership Funds	-	1,820	-	-	-	-	-	-	1,820
Port of Seattle Funds	103	(103)	-	-	-	-	-	-	-
Street Vacations - SVF	1,631	(331)	-	-	-	-	-	-	1,300
Transportation Move Seattle Levy - Lid Lift	1,052	5,363	-	-	-	-	-	-	6,415
Total:	7,785	8,862	-	-	-	-	-	-	16,647
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	1,002	598	-	-	-	-	-	-	1,600
Transportation Fund	6,783	8,264	-	-	-	-	-	-	15,047
Total:	7,785	8,862	-	-	-	-	-	-	16,647

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.

* Funds 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:	\$237,085	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. The project was put on indefinite pause in July 2020 in response to Citywide budget shortfalls caused by Covid-19.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	805	4,447	-	-	-	-	-	-	5,251
Commercial Parking Tax	784	(284)	-	-	-	-	-	-	500
Drainage and Wastewater Rates	2,393	6,372	-	-	10,891	-	-	-	19,656
Federal Grant Funds	13,720	14,294	-	-	49,252	-	-	-	77,266
Interfund Loan	323	677	-	-	-	-	-	-	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)	-	-	10,900	-	-	-	24,111
Total:	45,813	27,423	-	-	71,043	-	-	-	144,279
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	34,269	25,023	-	-	71,043	-	-	-	130,335
Unrestricted Cumulative Reserve Fund	1,500	-	-	-	-	-	-	-	1,500
Total:	45,813	27,423	-	-	71,043	-	-	-	144,279
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	61,806	31,000	-	-	92,806
Total:	-	-	-	-	61,806	31,000	-	-	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.

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax II	7,245	10,535	8,423	10,179	8,230	7,793	7,426	7,434	67,264
Total:	7,245	10,535	8,423	10,179	8,230	7,793	7,426	7,434	67,264
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET II Capital Fund	7,245	10,535	8,423	10,179	8,230	7,793	7,426	7,434	67,264
Total:	7,245	10,535	8,423	10,179	8,230	7,793	7,426	7,434	67,264

O&M Impacts: NA

* Funds 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 - 2022	Neighborhood District:	Delridge
Total Project Cost:	\$57,346	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. The project is also a partnership between SDOT, SPU and SCL to upgrade utilities along the corridor in conjunction with the transportation work.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	10,762	4,534	-	-	-	-	-	-	15,297
Drainage and Wastewater Rates	3,536	1,415	-	-	-	-	-	-	4,951
King County Funds	9,984	4,016	-	-	-	-	-	-	14,000
State Grant Funds	10,799	(300)	-	-	-	-	-	-	10,498
Transportation Move Seattle Levy - Lid Lift	8,729	771	-	-	-	-	-	-	9,499
Vehicle Licensing Fees	300	-	-	-	-	-	-	-	300
Water Rates	5,982	(3,180)	-	-	-	-	-	-	2,802
Total:	50,091	7,256	-	-	-	-	-	-	57,347
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	8,698	802	-	-	-	-	-	-	9,499
Transportation Benefit District Fund	300	-	-	-	-	-	-	-	300
Transportation Fund	41,094	6,454	-	-	-	-	-	-	47,548
Total:	50,091	7,256	-	-	-	-	-	-	57,347

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.

* Funds 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:	\$368,505	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	2,750	-	-	-	-	-	-	-	2,750
King County Funds	20,750	-	-	-	-	-	-	-	20,750
LTGO Bond Proceeds	40,516	270	-	-	-	-	-	-	40,786
Parking Garage Disposition Proceeds	9,312	-	-	-	-	-	-	-	9,312
Real Estate Excise Tax II	13,799	241	-	-	-	-	-	-	14,041
Seawall Levy	281,071	-	-	-	-	-	-	-	281,071
State Gas Taxes - City Street Fund	41	-	-	-	-	-	-	-	41
User Fees	10	-	-	-	-	-	-	-	10
Total:	368,249	512	-	-	-	-	-	-	368,761
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	-	-	-	-	-	-	-	27,188
2018 Multipurpose LTGO Bond Fund	302	-	-	-	-	-	-	-	302
2019 Multipurpose LTGO Bond Fund	1,499	255	-	-	-	-	-	-	1,754
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	13,799	241	-	-	-	-	-	-	14,041
Transportation Fund	23,551	-	-	-	-	-	-	-	23,551
Total:	368,249	512	-	-	-	-	-	-	368,761

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.

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:	\$2,927	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	2022 Revised	2023	2024	2025	2026	2027	2028	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 *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	2,547	9	-	-	-	-	-	-	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:	140,692	9	-	-	-	-	-	-	140,701
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Fund	140,692	9	-	-	-	-	-	-	140,701
Total:	140,692	9	-	-	-	-	-	-	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.

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

First Hill Streetcar Replacement and Repair

Project No:	MC-TR-C117	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	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 program funds ongoing major maintenance, repairs, preservation, and technological upgrades for the First Hill Streetcar infrastructure, including vehicle, rail, and platform improvements.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Sound Transit Funds	-	100	850	-	-	-	-	-	950
Total:	-	100	850	-	-	-	-	-	950
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Seattle Streetcar Operations	-	100	850	-	-	-	-	-	950
Total:	-	100	850	-	-	-	-	-	950

O&M Impacts:

* Funds 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:	\$1,050	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	26	(26)	-	-	-	-	-	-	-
Internal Service Fees and Allocations, Outside Funding Partners	(4)	4	-	-	-	-	-	-	-
Real Estate Excise Tax I	-	250	-	-	-	-	-	-	250
Real Estate Excise Tax II	37	759	-	-	-	-	-	-	796
Transportation Network Company Revenue	-	4	-	-	-	-	-	-	4
Total:	60	990	-	-	-	-	-	-	1,050
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	26	(22)	-	-	-	-	-	-	4
REET I Capital Fund	-	250	-	-	-	-	-	-	250
REET II Capital Fund	37	759	-	-	-	-	-	-	796
Transportation Fund	(4)	4	-	-	-	-	-	-	-
Total:	60	990	-	-	-	-	-	-	1,050

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Interdepartmental Transfer	-	(1)	-	-	-	-	-	-	(1)
Port of Seattle Funds	1,396	3,553	3,000	-	-	-	-	-	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	235	21	-	-	-	-	-	-	256
Transportation Move Seattle Levy - Lid Lift	6,961	2,427	1,930	1,514	-	-	-	-	12,832
Transportation Network Company Revenue	122	78	-	-	-	-	-	-	200
Total:	11,763	6,154	4,930	1,514	-	-	-	-	24,362
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	122	78	-	-	-	-	-	-	200
Move Seattle Levy Fund	7,474	2,427	1,930	1,514	-	-	-	-	13,346
REET II Capital Fund	127	-	-	-	-	-	-	-	127
Transportation Fund	4,040	3,649	3,000	-	-	-	-	-	10,689
Total:	11,763	6,154	4,930	1,514	-	-	-	-	24,362
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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.

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

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 - 2023	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$9,100	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	600	-	-	-	-	-	-	-	600
Federal Grant Funds	-	-	1,500	-	-	-	-	-	1,500
Real Estate Excise Tax I	809	1,391	-	-	-	-	-	-	2,200
Real Estate Excise Tax II	-	-	3,000	-	-	-	-	-	3,000
Total:	1,409	1,391	4,500	-	-	-	-	-	7,300
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	809	1,391	-	-	-	-	-	-	2,200
REET II Capital Fund	-	-	3,000	-	-	-	-	-	3,000
Transportation Fund	600	-	1,500	-	-	-	-	-	2,100
Total:	1,409	1,391	4,500	-	-	-	-	-	7,300
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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.

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Move Seattle Levy - Lid Lift	-	5	-	-	-	-	-	-	5
Total:	-	5	-	-	-	-	-	-	5
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	-	5	-	-	-	-	-	-	5
Total:	-	5	-	-	-	-	-	-	5
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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.

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

Harrison St Transit Corridor

Project No:	MC-TR-C119	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Harrison St between Fairview Ave and 5th Ave
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Council District 7
Start/End Date:	2023 - 2028	Neighborhood District:	Lake Union
Total Project Cost Range:	- - -	Urban Village:	South Lake Union

Rebuild Harrison St and improve connecting transit corridors to serve high-frequency bus routes and significantly increased pedestrian activity. Primary project elements include roadway upgrades such as repaving and rechannelization, traffic signal upgrades and transit signal priority, transit stops, real-time information signage for transit, trolleywire infrastructure, and enhanced pedestrian realm improvements.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Landscape Conservation & Local Infrastructure Program	-	-	500	500	-	-	-	-	1,000
Total:	-	-	500	500	-	-	-	-	1,000
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Fund	-	-	500	500	-	-	-	-	1,000
Total:	-	-	500	500	-	-	-	-	1,000

Financial Planning Strategy: A combination of LCLIP, STM, and NODO local funding (\$3M) combined with \$4.2M of FHWA funding has been identified for the Design funding.

O&M Impacts:

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

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 to manage the public risk associated with collapse of the areaway retaining walls. Areaway projects have been identified within the limited additional funding that was provided for the program.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	5,948	1,768	343	404	343	240	246	252	9,544
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	43	13	-	-	-	-	-	-	56
Total:	7,482	1,838	402	404	406	240	246	252	11,270
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	240	-	-	-	-	-	-	-	240
REET II Capital Fund	5,948	1,768	343	404	343	240	246	252	9,544
Transportation Fund	1,294	70	59	-	63	-	-	-	1,486
Total:	7,482	1,838	402	404	406	240	246	252	11,270

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

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

Hazard Mitigation Program - Landslide Mitigation Projects

Project No:	MC-TR-C015	BSL Code:	BC-TR-19001
Project Type:	Ongoing	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This project enables SDOT to address and repair landslide concerns that affect the right-of-way. The Landslide Mitigation Program provides SDOT with staff and resources to identify and prioritize landslide concerns, to undertake reconnaissance engineering and geotechnical studies of problem areas, and to make repairs at the highest priority locations, usually where landslide concerns have caused the roadway to be partially or completely closed.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	49	-	-	-	-	-	-	-	49
Emergency Subfund Revenues	395	-	-	-	-	-	-	-	395
Federal Grant Funds	1,301	-	-	-	-	-	-	-	1,301
General Fund	1	-	-	-	-	-	-	-	1
Internal Service Fees and Allocations, Outside Funding Partners	334	(334)	-	-	-	-	-	-	-
Private Funding/Donations	22	-	-	-	-	-	-	-	22
Real Estate Excise Tax II	8,529	1,013	430	502	200	200	200	200	11,273
State Gas Taxes - Arterial City Street Fund	-	-	-	-	-	318	326	330	973
State Gas Taxes - City Street Fund	2,087	307	-	-	310	-	-	-	2,704
Street Vacations - SVF	-	282	-	-	-	-	-	-	282
User Fees	1,170	54	-	-	-	-	-	-	1,225
Total:	13,888	1,323	430	502	510	518	526	530	18,226
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Emergency Fund	395	-	-	-	-	-	-	-	395
General Fund	1	-	-	-	-	-	-	-	1
REET II Capital Fund	8,529	1,013	430	502	200	200	200	200	11,273
Transportation Fund	4,963	310	-	-	310	318	326	330	6,557
Total:	13,888	1,323	430	502	510	518	526	530	18,226

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

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

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:	\$63,123	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	134	5	-	-	-	-	-	-	139
Federal Grant Funds	3,525	23,375	-	-	-	-	-	-	26,900
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Port of Seattle Funds	50	5,500	-	-	-	-	-	-	5,550
Real Estate Excise Tax II	-	-	1,293	1,293	-	-	-	-	2,586
State Grant Funds	269	2,031	6,800	-	-	-	-	-	9,100
Transportation Move Seattle Levy - Lid Lift	1,860	3,245	1,698	-	-	-	-	-	6,803
Water Rates	801	(34)	-	-	-	-	-	-	767
Total:	6,640	34,122	9,791	1,293	-	-	-	-	51,846
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	1,880	3,224	1,698	-	-	-	-	-	6,802
REET II Capital Fund	-	-	1,293	1,293	-	-	-	-	2,586
Transportation Fund	4,759	30,898	6,800	-	-	-	-	-	42,457
Total:	6,640	34,122	9,791	1,293	-	-	-	-	51,846
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	11,137	4,650	-	-	15,787
Total:	-	-	-	-	11,137	4,650	-	-	15,787

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.

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

Highland Park Intersection Improvements

Project No:	MC-TR-C100	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Highland Park Way SW and SW Holden ST
Current Project Stage:	Stage 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	283	1,217	-	-	-	-	-	-	1,500
Multimodal Funds	-	954	-	-	-	-	-	-	954
Real Estate Excise Tax II	-	546	-	-	-	-	-	-	546
State Gas Taxes - City Street Fund	472	28	-	-	-	-	-	-	500
Transportation Move Seattle Levy - Lid Lift	398	202	-	-	-	-	-	-	600
Total:	1,154	2,946	-	-	-	-	-	-	4,100
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2021 West Seattle Bridge Repair LTGO Bond Fund	283	1,217	-	-	-	-	-	-	1,500
Move Seattle Levy Fund	398	202	-	-	-	-	-	-	600
REET II Capital Fund	-	546	-	-	-	-	-	-	546
Transportation Fund	472	982	-	-	-	-	-	-	1,454
Total:	1,154	2,946	-	-	-	-	-	-	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.

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	2022 Revised	2023	2024	2025	2026	2027	2028	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 *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Partnership Funds	-	-	-	-	-	-	-	-	-
Port of Seattle Funds	47	(47)	-	-	-	-	-	-	-
Sound Transit Funds	224	275	70	65	-	-	-	-	634
Total:	271	228	70	65	-	-	-	-	634
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Fund	271	228	70	65	-	-	-	-	634
Total:	271	228	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.

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

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 5 - Construction	Council District:	Council District 3
Start/End Date:	2013 - 2024	Neighborhood District:	Multiple
Total Project Cost:	\$166,921	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. The project title was previously "Madison Street Bus Rapid Transit".

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	50	3,631	2,785	202	-	-	-	-	6,668
Drainage and Wastewater Rates	236	12,849	1,644	-	-	-	-	-	14,729
Federal ARRA Funds: FTA Transit Capital Assistance	-	(1,201)	-	-	-	-	-	-	(1,201)
Federal Grant Funds	24,239	28,996	23,406	6,212	-	-	-	-	82,853
Interdepartmental Transfer	9	-	-	-	-	-	-	-	9
King County Funds	162	1,650	1,801	-	-	-	-	-	3,613
Miscellaneous Revenues	-	100	-	-	-	-	-	-	100
Partnership Funds	-	-	-	1,000	-	-	-	-	1,000
Port of Seattle Funds	466	(466)	-	-	-	-	-	-	-
Real Estate Excise Tax II	150	-	-	-	-	-	-	-	150
Sound Transit Funds	-	13,467	13,282	8,033	-	-	-	-	34,782
State Grant Funds	-	600	-	740	-	-	-	-	1,340
Transportation Funding Package - Lid Lift	1,710	-	-	-	-	-	-	-	1,710
Transportation Move Seattle Levy - Lid Lift	6,382	1,717	4,800	7,018	-	-	-	-	19,917
Vehicle Licensing Fees	1,000	-	-	-	-	-	-	-	1,000
Total:	34,404	61,343	47,718	23,206	-	-	-	-	166,671
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	1,710	-	-	-	-	-	-	-	1,710
Move Seattle Levy Fund	6,029	2,070	4,800	7,018	-	-	-	-	19,917
REET II Capital Fund	150	-	-	-	-	-	-	-	150
Transportation Benefit District Fund	1,000	-	-	-	-	-	-	-	1,000
Transportation Fund	25,515	59,273	42,918	16,188	-	-	-	-	143,893
Total:	34,404	61,343	47,718	23,206	-	-	-	-	166,671

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.

* Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars
227

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	2022 Revised	2023	2024	2025	2026	2027	2028	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 / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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.

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

Market to MOHAI

Project No:	MC-TR-C095	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Western Ave
Current Project Stage:	Stage 3 - Design	Council District:	Council District 7
Start/End Date:	2018 - 2023	Neighborhood District:	Downtown
Total Project Cost:	\$1,263	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax II	608	652	-	-	-	-	-	-	1,259
Transportation Network Company Revenue	-	4	-	-	-	-	-	-	4
Total:	608	656	-	-	-	-	-	-	1,263
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	-	4	-	-	-	-	-	-	4
REET II Capital Fund	608	652	-	-	-	-	-	-	1,259
Total:	608	656	-	-	-	-	-	-	1,263

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	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	2,002	4	-	-	-	-	-	-	2,006
Surplus Property Sales	17,410	-	-	-	-	-	-	-	17,410
Water Rates	705	-	-	-	-	-	-	-	705
Total:	88,606	4	-	-	-	-	-	-	88,610
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	56,390	4	-	-	-	-	-	-	56,394
Unrestricted Cumulative Reserve Fund	2,006	-	-	-	-	-	-	-	2,006
Total:	88,606	4	-	-	-	-	-	-	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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	18	-	-	-	-	-	-	-	18
Developer Mitigation	5	(5)	-	-	-	-	-	-	-
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:	2,514	(5)	-	-	-	-	-	-	2,508
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	33	-	-	-	-	-	-	-	33
General Fund	305	-	-	-	-	-	-	-	305
REET II Capital Fund	388	-	-	-	-	-	-	-	388
Transportation Fund	1,788	(5)	-	-	-	-	-	-	1,782
Total:	2,514	(5)	-	-	-	-	-	-	2,508

O&M Impacts: Responses to emergencies and unforeseen projects diverts resources from regular, day-to-day O&M operations.

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

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 5 - Construction	Council District:	Council District 4
Start/End Date:	2017 - 2020	Neighborhood District:	Northeast
Total Project Cost:	\$6,424	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	1,951	145	-	-	-	-	-	-	2,096
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
King County Funds	1,475	39	-	-	-	-	-	-	1,514
Partnership Funds	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax II	1,445	162	-	-	-	-	-	-	1,607
Street Vacations - SVF	271	36	-	-	-	-	-	-	307
Transportation Move Seattle Levy - Lid Lift	(1)	1	-	-	-	-	-	-	-
Total:	5,141	383	-	-	-	-	-	-	5,524
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	(1)	1	-	-	-	-	-	-	-
REET II Capital Fund	1,445	162	-	-	-	-	-	-	1,607
Transportation Fund	3,697	220	-	-	-	-	-	-	3,917
Total:	5,141	383	-	-	-	-	-	-	5,524

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.

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

NE 45th St Bridge I-5 Crossing Improvements

Project No:	MC-TR-C122	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	
Current Project Stage:	Stage 3 - Design	Council District:	Council District 4
Start/End Date:		Neighborhood District:	
Total Project Cost:		Urban Village:	University District

This project would make pedestrian and bicycle safety improvements on the NE 45th St structure crossing Interstate 5, including, but not limited to, interior and external fencing of pedestrian/bicycle crossing space and lighting improvements.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Vehicle License Fees (2023)	-	-	1,500	-	-	-	-	-	1,500
Total:	-	-	1,500	-	-	-	-	-	1,500
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Benefit District Fund	-	-	1,500	-	-	-	-	-	1,500
Total:	-	-	1,500	-	-	-	-	-	1,500

O&M Impacts:

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

Neighborhood Large Projects

Project No:	MC-TR-C018	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This program enhances the safety, quality and condition of the pedestrian and neighborhood environments. Typical improvements may include, but are not limited to, sidewalk construction, repairs and replacement, installation of curb bulbs or other traffic calming devices, and improvements to crosswalks. The projects are funded by the Move Seattle transportation levy and it is a triennial program. The projects funded are identified by the community and the Move Seattle Oversight Committee.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	38	16	-	-	-	-	-	-	54
Drainage and Wastewater Rates	57	(57)	-	-	-	-	-	-	-
Federal Grant Funds	308	-	-	-	-	-	-	-	308
King County Funds	670	10	-	-	-	-	-	-	679
Private Funding/Donations	60	-	-	-	-	-	-	-	60
Real Estate Excise Tax II	530	-	-	-	-	-	-	-	530
Transportation Funding Package - Lid Lift	5,836	-	-	-	-	-	-	-	5,836
Transportation Move Seattle Levy - Lid Lift	13,200	4,640	2,082	3,658	53	-	-	-	23,633
Water Rates	-	109	-	-	-	-	-	-	109
Total:	20,699	4,717	2,082	3,658	53	-	-	-	31,209
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	5,836	-	-	-	-	-	-	-	5,836
Move Seattle Levy Fund	13,200	4,640	2,082	3,658	53	-	-	-	23,633
REET II Capital Fund	530	-	-	-	-	-	-	-	530
Transportation Fund	1,133	77	-	-	-	-	-	-	1,210
Total:	20,699	4,717	2,082	3,658	53	-	-	-	31,209
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	2,592	2,670	2,939	3,012	11,212
Total:	-	-	-	-	2,592	2,670	2,939	3,012	11,212

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	1,349	223	-	-	-	-	-	-	1,572
Federal Grant Funds	687	-	-	-	-	-	-	-	687
General Fund	2,288	-	-	-	-	-	-	-	2,288
Interdepartmental Transfer	50	-	-	-	-	-	-	-	50
Partnership Funds	6	-	-	-	-	-	-	-	6
Real Estate Excise Tax I	1,311	496	-	-	-	-	-	-	1,807
Real Estate Excise Tax II	22,887	525	-	-	-	-	-	-	23,412
State Gas Taxes - Arterial City Street Fund	-	(15)	-	-	-	-	-	-	(15)
State Gas Taxes - City Street Fund	3,652	24	-	-	-	-	-	-	3,676
State Grant Funds	176	-	-	-	-	-	-	-	176
Street Vacations - SVF	137	400	-	-	-	-	-	-	537
Transportation Funding Package - Lid Lift	10,479	-	-	-	-	-	-	-	10,479
Vehicle Licensing Fees	100	-	-	-	-	-	-	-	100
Total:	43,122	1,653	-	-	-	-	-	-	44,775
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	10,479	-	-	-	-	-	-	-	10,479
General Fund	2,288	-	-	-	-	-	-	-	2,288
REET I Capital Fund	1,311	496	-	-	-	-	-	-	1,807
REET II Capital Fund	22,848	564	-	-	-	-	-	-	23,411
Transportation Benefit District Fund	100	-	-	-	-	-	-	-	100
Transportation Fund	6,096	594	-	-	-	-	-	-	6,689
Total:	43,122	1,653	-	-	-	-	-	-	44,775

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	186	33	5	5	5	-	-	-	233
General Fund	384	-	-	-	-	-	-	-	384
Private Funding/Donations	46	-	-	-	-	-	-	-	46
Property Sales and Interest Earnings	253	-	-	-	-	-	-	-	253
Real Estate Excise Tax I	-	-	-	349	-	-	-	-	349
Real Estate Excise Tax II	933	654	491	300	-	658	469	493	3,998
Rubble Yard Proceeds	579	-	-	-	-	-	-	-	579
State Gas Taxes - City Street Fund	4,392	-	-	-	-	-	-	-	4,392
Transportation Network Company Revenue	107	43	-	-	-	-	-	-	150
Vehicle License Fees \$60 & 0.1% Sales Tax	(2)	2	-	-	-	-	-	-	-
Vehicle Licensing Fees	2,952	-	233	-	369	117	-	-	3,672
Total:	9,830	732	729	654	374	775	469	493	14,056
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	491	43	-	-	-	-	-	-	534
REET I Capital Fund	-	-	-	349	-	-	-	-	349
REET II Capital Fund	933	654	491	300	-	658	469	493	3,998
Transportation Benefit District Fund	2,950	2	233	-	369	117	-	-	3,672
Transportation Fund	5,456	33	5	5	5	-	-	-	5,503
Total:	9,830	732	729	654	374	775	469	493	14,056

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

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	1,017	581	-	-	400	414	-	-	2,412
Developer Mitigation	1,328	(383)	-	-	-	-	-	-	945
Traffic Enforcement Camera Revenue	-	1,400	-	-	-	-	-	-	1,400
Transportation Funding Package - Lid Lift	117	-	-	-	-	-	-	-	117
Transportation Move Seattle Levy - Lid Lift	1,862	521	700	781	-	-	-	-	3,865
Total:	4,324	2,119	700	781	400	414	-	-	8,738
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	117	-	-	-	-	-	-	-	117
Move Seattle Levy Fund	1,813	570	700	781	-	-	-	-	3,865
Transportation Fund	2,394	1,548	-	-	400	414	-	-	4,757
Total:	4,324	2,119	700	781	400	414	-	-	8,738
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	1,427	430	1,600	-	3,457
Total:	-	-	-	-	1,427	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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	1,552	27	-	-	-	-	-	-	1,580
CRS Misc Revenues	9	(9)	-	-	-	-	-	-	-
Developer Mitigation	317	545	-	-	-	-	-	-	862
Federal Grant Funds	2,118	1,973	-	-	-	-	-	-	4,091
General Fund	101	(101)	-	-	-	-	-	-	-
Multimodal Funds	400	-	-	-	-	-	-	-	400
Real Estate Excise Tax II	4,529	(84)	-	-	-	-	-	-	4,445
State Gas Taxes - City Street Fund	292	8	-	-	-	-	-	-	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	9,288	1,560	1,378	1,323	-	-	-	-	13,549
User Fees	1,500	-	-	-	-	-	-	-	1,500
Total:	24,007	3,909	1,378	1,323	-	-	-	-	30,617
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	2,986	(7)	-	-	-	-	-	-	2,979
General Fund	101	(101)	-	-	-	-	-	-	-
Move Seattle Levy Fund	9,140	1,707	1,378	1,323	-	-	-	-	13,549
REET II Capital Fund	4,529	(84)	-	-	-	-	-	-	4,445
Transportation Fund	6,714	2,406	-	-	-	-	-	-	9,120
Unrestricted Cumulative Reserve Fund	537	(12)	-	-	-	-	-	-	525
Total:	24,007	3,909	1,378	1,323	-	-	-	-	30,617
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	720	117	-	-	-	-	-	-	836
Drainage and Wastewater Rates	60	-	-	-	-	-	-	-	60
Interdepartmental Transfer	-	4	-	-	-	-	-	-	4
Misc Future Revenue/Grants - DO NOT USE	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax I	274	-	308	182	-	-	-	-	764
Real Estate Excise Tax II	6,683	744	1,150	1,699	1,150	500	513	513	12,951
State Gas Taxes - Arterial City Street Fund	-	15	-	-	-	-	-	-	15
State Gas Taxes - City Street Fund	2,467	(142)	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	902	334	-	-	187	-	-	-	1,423
Total:	11,669	1,596	1,996	2,390	1,892	500	513	513	21,068
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	-	-	-	-	-	-	-	-	-
Move Seattle Levy Fund	-	-	-	-	-	-	-	-	-
REET I Capital Fund	274	-	308	182	-	-	-	-	764
REET II Capital Fund	6,683	744	1,150	1,699	1,150	500	513	513	12,951
Transportation Benefit District Fund	902	334	-	-	187	-	-	-	1,423
Transportation Fund	3,311	518	539	508	555	-	-	-	5,430
Unrestricted Cumulative Reserve Fund	500	-	-	-	-	-	-	-	500
Total:	11,669	1,596	1,996	2,390	1,892	500	513	513	21,068
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	-	187	(1)	2,566	2,753
Total:	-	-	-	-	-	187	(1)	2,566	2,753

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

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Arena Transportation Funds	1,626	1,373	1,103	1,025	1,025	736	1,026	1,026	8,941
Developer Mitigation	-	2,286	-	-	-	-	-	-	2,286
Internal Service Fees and Allocations, Outside Funding Partners	1,510	(1,510)	-	-	-	-	-	-	-
Port of Seattle Funds	-	2,460	-	-	-	-	-	-	2,460
Street Vacations - SVF	675	2,225	-	-	-	-	-	-	2,900
Total:	3,811	6,835	1,103	1,025	1,025	736	1,026	1,026	16,587
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Fund	3,811	6,835	1,103	1,025	1,025	736	1,026	1,026	16,587
Total:	3,811	6,835	1,103	1,025	1,025	736	1,026	1,026	16,587

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	481	19	-	-	-	-	-	-	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:	1,205	96	-	-	-	-	-	-	1,301
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	2	-	-	-	-	-	-	-	2
REET II Capital Fund	260	39	-	-	-	-	-	-	300
Transportation Fund	943	56	-	-	-	-	-	-	1,000
Total:	1,205	96	-	-	-	-	-	-	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.

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

Northgate Bridge and Cycle Track

Project No:	MC-TR-C030	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Multiple
Current Project Stage:	Stage 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; that was complete in 2021. The stream mitigation work will continue through 2024 and is currently in the design phase.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	82	137	-	-	-	-	-	-	219
Federal Grant Funds	1,313	-	-	-	-	-	-	-	1,313
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
LTGO Bond Proceeds	2,580	-	-	-	-	-	-	-	2,580
Port of Seattle Funds	2,907	-	-	-	-	-	-	-	2,907
Real Estate Excise Tax I	2,826	174	-	-	-	-	-	-	3,000
Sound Transit Funds	4,393	-	-	-	-	-	-	-	4,393
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	20,455	4,453	1,231	554	-	-	-	-	26,693
Use of Fund Balance	(37)	37	-	-	-	-	-	-	-
User Fees	3,830	66	-	-	-	-	-	-	3,896
Total:	49,493	4,876	1,231	554	-	-	-	-	56,154
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2017 Multipurpose LTGO Bond Fund	2,580	-	-	-	-	-	-	-	2,580
Bridging The Gap Levy Fund	200	-	-	-	-	-	-	-	200
Move Seattle Levy Fund	20,427	4,481	1,231	554	-	-	-	-	26,693
REET I Capital Fund	2,826	174	-	-	-	-	-	-	3,000
Transportation Fund	23,460	221	-	-	-	-	-	-	23,681
Total:	49,493	4,876	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.

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

Northlake Retaining Wall

Project No:	MC-TR-C102	BSL Code:	BC-TR-19001
Project Type:	Discrete	BSL Name:	Major Maintenance/Replacement
Project Category:	Rehabilitation or Restoration	Location:	Northlake Way @ Stone Way
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 4
Start/End Date:	2019 - 2026	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	490	3,413	-	-	-	-	-	-	3,903
Total:	490	3,413	-	-	-	-	-	-	3,903
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2018 Multipurpose LTGO Bond Fund	490	1,510	-	-	-	-	-	-	2,000
2021 West Seattle Bridge Repair LTGO Bond Fund	-	1,903	-	-	-	-	-	-	1,903
Total:	490	3,413	-	-	-	-	-	-	3,903
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	23,398	-	-	-	23,398
Total:	-	-	-	-	23,398	-	-	-	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.

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

Overlook Walk and East-West Connections Project

Project No:	MC-TR-C073	BSL Code:	BC-TR-16000
Project Type:	Discrete	BSL Name:	Central Waterfront
Project Category:	New Investment	Location:	Multiple
Current Project Stage:	Stage 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Interfund Loan - Waterfront LID Fund	4,053	-	-	-	-	-	-	-	4,053
Local Improvement District Funding	9,631	53,895	27,025	350	-	-	-	-	90,901
LTGO Bond Proceeds	9,117	10,438	6,237	-	-	-	-	-	25,793
Private Funding/Donations	7,740	18,105	31,060	2,900	-	-	-	-	59,805
Real Estate Excise Tax II	-	-	5,013	-	-	-	-	-	5,013
Street Vacations - SVF	1,662	4,838	3,500	-	-	-	-	-	10,000
User Fees	3,615	160	-	-	-	-	-	-	3,775
Total:	35,818	87,436	72,835	3,250	-	-	-	-	199,339
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2015 Multipurpose LTGO Bond Fund	1,344	36	-	-	-	-	-	-	1,379
2017 LTGO Taxable Bond Fund	3,047	234	-	-	-	-	-	-	3,281
2018 LTGO Taxable Bond Fund	2,669	611	-	-	-	-	-	-	3,280
2019 LTGO Taxable Bond Fund	682	318	-	-	-	-	-	-	1,000
2020 Multipurpose LTGO Bond Fund	1,340	385	-	-	-	-	-	-	1,725
2021 Taxable LTGO Bond Fund	35	4,225	-	-	-	-	-	-	4,260
2022 Multipurpose LTGO Bond Fund	-	4,630	-	-	-	-	-	-	4,630
2023 Multipurpose LTGO Bond Fund	-	-	6,237	-	-	-	-	-	6,237
Central Waterfront Improvement Fund	16,146	22,902	34,560	2,900	-	-	-	-	76,508
REET II Capital Fund	-	-	5,013	-	-	-	-	-	5,013
Transportation Fund	3,576	199	-	-	-	-	-	-	3,775
Waterfront LID #6751	6,979	53,896	27,025	350	-	-	-	-	88,251
Total:	35,818	87,436	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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	36	1	-	-	-	-	-	-	37
General Fund	2,306	-	-	-	-	-	-	-	2,306
LTGO Bond Proceeds	26,275	5	-	-	-	-	-	-	26,280
Parking Garage Disposition Proceeds	1,927	-	-	-	-	-	-	-	1,927
Total:	30,544	6	-	-	-	-	-	-	30,550
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	7,212	4	-	-	-	-	-	-	7,216
2018 Multipurpose LTGO Bond Fund	1,149	1	-	-	-	-	-	-	1,150
Garage Disposition Proceeds	1,927	-	-	-	-	-	-	-	1,927
General Fund	2,306	-	-	-	-	-	-	-	2,306
tipurpose LTGO Bond Fund	10,313	-	-	-	-	-	-	-	10,313
Transportation Fund	36	1	-	-	-	-	-	-	37
Total:	30,544	6	-	-	-	-	-	-	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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	3,931	1	-	-	-	-	-	-	3,932
Developer Mitigation	101	-	-	-	-	-	-	-	101
Federal Grant Funds	74	494	-	-	-	-	-	-	568
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	1,890	775	-	-	-	-	-	-	2,665
Real Estate Excise Tax II	602	976	1,000	1,000	518	536	555	574	5,761
Rubble Yard Proceeds	528	-	-	-	-	-	-	-	528
State Gas Taxes - Arterial City Street Fund	-	(69)	-	-	-	-	-	-	(69)
State Gas Taxes - City Street Fund	1,605	366	-	-	-	-	-	-	1,971
State Grant Funds	-	(494)	-	-	-	-	-	-	(494)
Street Vacations - CRSU	6	(6)	-	-	-	-	-	-	-
Street Vacations - SVF	1,677	-	-	-	-	-	-	-	1,677
Transportation Funding Package - Lid Lift	4,638	-	-	-	-	-	-	-	4,638
Transportation Move Seattle Levy - Lid Lift	7,505	3,293	4,719	1,356	-	-	-	-	16,873
Vehicle Licensing Fees	240	-	-	-	-	-	-	-	240
Total:	23,206	5,379	5,719	2,356	518	536	555	574	38,842
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	4,638	-	-	-	-	-	-	-	4,638
General Fund	58	-	-	-	-	-	-	-	58
Move Seattle Levy Fund	7,461	3,337	4,719	1,356	-	-	-	-	16,873
REET I Capital Fund	1,890	775	-	-	-	-	-	-	2,665
REET II Capital Fund	601	976	1,000	1,000	518	536	555	574	5,761
Transportation Benefit District Fund	240	-	-	-	-	-	-	-	240
Transportation Fund	8,318	290	-	-	-	-	-	-	8,608
Total:	23,206	5,379	5,719	2,356	518	536	555	574	38,842

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

Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	4,020	2,857	2,922	2,973	12,772
Total:	-	-	-	-	4,020	2,857	2,922	2,973	12,772

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	1,672	(198)	-	-	-	-	-	-	1,474
Developer Mitigation	776	(87)	-	-	-	-	-	-	690
Drainage and Wastewater Rates	254	3,315	-	-	-	-	-	-	3,568
Federal Grant Funds	1,352	611	-	-	-	-	-	-	1,964
General Fund	775	-	-	-	-	-	-	-	775
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Landscape Conservation & Local Infrastructure Program	-	-	500	-	-	-	-	-	500
Miscellaneous Grants or Donations	281	3,019	-	-	-	-	-	-	3,300
Private Funding/Donations	-	407	-	-	-	-	-	-	407
Real Estate Excise Tax I	-	2,000	525	-	-	-	-	-	2,525
Real Estate Excise Tax II	6,489	353	-	-	-	-	-	-	6,843
School Camera Ticket Revenues	16,902	(1,416)	2,761	1,672	2,113	400	3,000	3,105	28,538
Solid Waste Rates	1,133	(1,133)	-	-	-	-	-	-	-
State Gas Taxes - City Street Fund	73	-	-	-	-	-	-	-	73
State Grant Funds	1,399	1,569	-	-	-	-	-	-	2,968
Traffic Enforcement Camera Revenue	5,329	6,838	-	-	-	-	-	-	12,167
Transportation Funding Package - Parking Tax	-	-	-	-	-	-	-	-	-
Transportation Move Seattle Levy - Lid Lift	30,559	4,744	5,761	4,623	-	-	-	-	45,687
Vehicle Licensing Fees	1,219	4	-	-	-	-	-	-	1,223
Water Rates	197	(197)	-	-	-	-	-	-	-
Total:	68,411	19,830	9,547	6,295	2,113	400	3,000	3,105	112,702
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	775	-	-	-	-	-	-	-	775
Move Seattle Levy Fund	30,559	4,744	5,761	4,623	-	-	-	-	45,687
REET I Capital Fund	-	2,000	525	-	-	-	-	-	2,525
REET II Capital Fund	6,489	353	-	-	-	-	-	-	6,843
School Safety Traffic and Pedestrian Improvement Fund	22,150	5,503	2,761	1,672	2,113	400	3,000	3,105	40,705
Transportation Benefit District Fund	1,187	36	-	-	-	-	-	-	1,223
Transportation Fund	7,250	7,193	500	-	-	-	-	-	14,944
Total:	68,411	19,830	9,547	6,295	2,113	400	3,000	3,105	112,702

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

Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	3,759	6,209	3,029	1,947	14,944
Total:	-	-	-	-	3,759	6,209	3,029	1,947	14,944

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
20% Red Light Camera Revenue	-	8	-	-	-	-	-	-	8
City Light Fund Revenues	-	729	-	-	-	-	-	-	729
Federal Grant Funds	2,918	-	-	-	-	-	-	-	2,918
General Fund	320	-	-	-	-	-	-	-	320
Real Estate Excise Tax II	5,075	15	-	-	-	-	-	-	5,090
School Camera Ticket Revenues	18,752	4,251	5,838	7,653	6,267	2,338	5,140	4,983	55,221
State Grant Funds	281	-	-	-	-	-	-	-	281
Transportation Funding Package - Lid Lift	3,690	-	-	-	-	-	-	-	3,690
Transportation Move Seattle Levy - Lid Lift	3,377	362	800	800	-	-	-	-	5,339
User Fees	1,909	-	-	-	-	-	-	-	1,909
Total:	36,322	5,365	6,638	8,453	6,267	2,338	5,140	4,983	75,506
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	3,690	-	-	-	-	-	-	-	3,690
General Fund	320	-	-	-	-	-	-	-	320
Move Seattle Levy Fund	3,377	612	800	800	-	-	-	-	5,589
REET II Capital Fund	5,075	15	-	-	-	-	-	-	5,090
School Safety Traffic and Pedestrian Improvement Fund	18,766	3,994	5,838	7,653	6,267	2,338	5,140	4,983	54,979
Transportation Fund	5,094	743	-	-	-	-	-	-	5,837
Total:	36,322	5,365	6,638	8,453	6,267	2,338	5,140	4,983	75,506
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	-	2,904	-	-	2,904
Total:	-	-	-	-	-	2,904	-	-	2,904

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	23	-	-	-	-	-	-	-	23
General Fund	115	-	-	-	-	-	-	-	115
Miscellaneous Revenues	83	-	-	-	-	-	-	-	83
Multimodal Funds	115	62	64	-	66	-	-	-	307
Real Estate Excise Tax I	17	-	851	871	-	-	-	-	1,738
Real Estate Excise Tax II	87	49	49	113	49	-	-	-	347
State Gas Taxes - City Street Fund	14	-	-	-	-	-	-	-	14
Transportation Move Seattle Levy - Lid Lift	2,553	660	561	572	16	-	-	-	4,362
Vehicle Licensing Fees	2,447	866	-	-	273	-	-	-	3,586
Total:	5,454	1,637	1,525	1,556	403	-	-	-	10,575
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	115	-	-	-	-	-	-	-	115
Move Seattle Levy Fund	2,553	660	561	572	16	-	-	-	4,362
REET I Capital Fund	17	-	851	871	-	-	-	-	1,738
REET II Capital Fund	87	49	49	113	49	-	-	-	347
Transportation Benefit District Fund	2,447	866	-	-	273	-	-	-	3,586
Transportation Fund	235	62	64	-	66	-	-	-	427
Total:	5,454	1,637	1,525	1,556	403	-	-	-	10,575
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	573	1,006	1,031	1,057	3,667
Total:	-	-	-	-	573	1,006	1,031	1,057	3,667

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.

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

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 - 2023	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. Due to Sound Transit Board realignment decisions in August 2021, SDOT no longer anticipates \$12M investment in RapidRide C&D Lines in 2021 and 2022. The CIP Budget will be revised in 2022 to reflect the new project schedule.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Port of Seattle Funds	1	(1)	-	-	-	-	-	-	-
Sound Transit Funds	-	2,300	-	-	-	-	-	-	2,300
Total:	1	2,299	-	-	-	-	-	-	2,300
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Fund	1	2,299	-	-	-	-	-	-	2,300
Total:	1	2,299	-	-	-	-	-	-	2,300

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.

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

RapidRide J Line

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 - 2026	Neighborhood District:	Multiple
Total Project Cost:	\$130,356	Urban Village:	Multiple

This project will provide a high-quality transit service connecting Downtown Seattle with the neighborhoods of Belltown, South Lake Union, Eastlake, and University District. This project also includes protected bike lane, streetscape, intersection and traffic signal improvements and improving accessibility including ADA-compliant curb ramps. This project was formerly titled RapidRide Roosevelt.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	700	-	-	-	-	-	-	-	700
Drainage and Wastewater Rates	107	(7)	200	144	50	50	-	-	544
Federal Grant Funds	-	21,045	28,030	11,000	-	-	-	-	60,075
King County Funds	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax II	350	-	-	-	-	-	-	-	350
State Grant Funds	-	3,000	5,969	-	-	-	-	-	8,969
Street Vacations - CRSU	650	-	-	-	-	-	-	-	650
Transportation Move Seattle Levy - Lid Lift	8,349	2,625	2,251	7,410	9,260	5,590	3,834	-	39,318
Water Rates	423	2,307	550	15,854	1,850	289	-	-	21,273
Total:	10,579	28,970	37,000	34,407	11,160	5,929	3,834	-	131,879
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	8,360	2,614	2,251	7,410	9,260	5,590	3,834	-	39,318
REET II Capital Fund	350	-	-	-	-	-	-	-	350
Transportation Fund	1,219	26,357	34,750	26,997	1,900	339	-	-	91,562
Unrestricted Cumulative Reserve Fund	650	-	-	-	-	-	-	-	650
Total:	10,579	28,970	37,000	34,407	11,160	5,929	3,834	-	131,879

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	767	22	-	-	-	-	-	-	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	4,261	223	212	212	212	212	217	223	5,772
State Gas Taxes - City Street Fund	481	-	-	-	-	-	-	-	481
Total:	8,204	245	212	212	212	212	217	223	9,737
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Garage Disposition Proceeds	1,500	-	-	-	-	-	-	-	1,500
General Fund	779	-	-	-	-	-	-	-	779
REET I Capital Fund	286	-	-	-	-	-	-	-	286
REET II Capital Fund	4,261	223	212	212	212	212	217	223	5,772
Transportation Bond Fund	130	-	-	-	-	-	-	-	130
Transportation Fund	1,248	22	-	-	-	-	-	-	1,269
Total:	8,204	245	212	212	212	212	217	223	9,737

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

* Funds 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 3 - Design	Council District:	Multiple
Start/End Date:	2016 - 2024	Neighborhood District:	Multiple
Total Project Cost:	\$25,516	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Federal Grant Funds	-	4,900	-	-	-	-	-	-	4,900
King County Funds	494	2,906	-	-	-	-	-	-	3,400
State Grant Funds	-	6,434	3,000	-	-	-	-	-	9,434
Transportation Move Seattle Levy - Lid Lift	2,120	1,856	2,000	1,755	-	-	-	-	7,732
Vehicle License Fees \$60 & 0.1% Sales Tax	300	200	-	-	-	-	-	-	500
Total:	2,914	16,297	5,000	1,755	-	-	-	-	25,966
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	2,120	1,856	2,000	1,755	-	-	-	-	7,732
Transportation Benefit District Fund	300	200	-	-	-	-	-	-	500
Transportation Fund	494	14,240	3,000	-	-	-	-	-	17,734
Total:	2,914	16,297	5,000	1,755	-	-	-	-	25,966

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.

* Funds 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 5 - Construction	Council District:	Multiple
Start/End Date:	2019 - 2023	Neighborhood District:	Multiple
Total Project Cost:	\$17,956	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	886	-	-	-	-	-	-	886
Commercial Parking Tax	50	-	-	-	-	-	-	-	50
Drainage and Wastewater Rates	-	536	-	-	-	-	-	-	536
King County Funds	1,587	890	-	-	-	-	-	-	2,476
Real Estate Excise Tax I	5	495	-	-	-	-	-	-	500
State Grant Funds	1,603	4,397	-	-	-	-	-	-	6,000
Transportation Move Seattle Levy - Lid Lift	1,417	4,189	1,791	106	-	-	-	-	7,504
Water Rates	492	(487)	-	-	-	-	-	-	5
Total:	5,154	10,905	1,791	106	-	-	-	-	17,956
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	1,417	4,189	1,791	106	-	-	-	-	7,504
REET I Capital Fund	5	495	-	-	-	-	-	-	500
Transportation Fund	3,732	6,220	-	-	-	-	-	-	9,952
Total:	5,154	10,905	1,791	106	-	-	-	-	17,956

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Move Seattle Levy - Lid Lift	1	-	-	-	-	-	-	-	1
Total:	1	-	-	-	-	-	-	-	1
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	1	-	-	-	-	-	-	-	1
Total:	1	-	-	-	-	-	-	-	1

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

* Funds 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:	\$2,138	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Federal Grant Funds	-	-	1,153	-	-	-	-	-	1,153
Transportation Move Seattle Levy - Lid Lift	135	501	350	-	-	-	-	-	985
Total:	135	501	1,503	-	-	-	-	-	2,138
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	135	501	350	-	-	-	-	-	985
Transportation Fund	-	-	1,153	-	-	-	-	-	1,153
Total:	135	501	1,503	-	-	-	-	-	2,138

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.

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

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 5 - Construction	Council District:	Council District 3
Start/End Date:	2016 - 2022	Neighborhood District:	Multiple
Total Project Cost:	\$8,561	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	88	-	-	-	-	-	-	88
Commercial Parking Tax	-	9	-	-	-	-	-	-	9
Drainage and Wastewater Rates	-	12	-	-	-	-	-	-	12
Real Estate Excise Tax I	9	934	-	-	-	-	-	-	943
Real Estate Excise Tax II	11	-	-	-	-	-	-	-	11
Transportation Move Seattle Levy - Lid Lift	3,568	2,208	1,722	-	-	-	-	-	7,499
Total:	3,588	3,250	1,722	-	-	-	-	-	8,560
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	3,568	2,208	1,722	-	-	-	-	-	7,499
REET I Capital Fund	9	934	-	-	-	-	-	-	943
REET II Capital Fund	11	-	-	-	-	-	-	-	11
Transportation Fund	-	108	-	-	-	-	-	-	108
Total:	3,588	3,250	1,722	-	-	-	-	-	8,560

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.

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

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 6 - Closeout	Council District:	Council District 2
Start/End Date:	2001 - 2020	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$64,874	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	358	-	-	-	-	-	-	-	358
Drainage and Wastewater Rates	925	-	-	-	-	-	-	-	925
Federal Grant Funds	36,627	-	-	-	-	-	-	-	36,627
King County Funds	621	-	-	-	-	-	-	-	621
LTGO Bond Proceeds	3,923	435	-	-	-	-	-	-	4,358
Miscellaneous Grants or Donations	-	-	-	-	-	-	-	-	-
Parking Garage Disposition Proceeds	2,200	-	-	-	-	-	-	-	2,200
Partnership - WSDOT	482	-	-	-	-	-	-	-	482
Partnership Funds	249	-	-	-	-	-	-	-	249
Port of Seattle Funds	4,817	-	-	-	-	-	-	-	4,817
Private Funding/Donations	1,699	-	-	-	-	-	-	-	1,699
Real Estate Excise Tax II	932	-	-	-	-	-	-	-	932
State Gas Taxes - City Street Fund	185	-	-	-	-	-	-	-	185
State Grant Funds	5,530	-	-	-	-	-	-	-	5,530
Transportation Move Seattle Levy - Lid Lift	4,297	-	-	-	-	-	-	-	4,297
Vehicle Licensing Fees	35	-	-	-	-	-	-	-	35
Water Rates	1,553	-	-	-	-	-	-	-	1,553
Total:	64,431	435	-	-	-	-	-	-	64,866
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	615	349	-	-	-	-	-	-	964
Garage Disposition Proceeds	2,200	-	-	-	-	-	-	-	2,200
Move Seattle Levy Fund	4,331	-	-	-	-	-	-	-	4,331
REET II Capital Fund	932	-	-	-	-	-	-	-	932
Transportation Benefit District Fund	35	-	-	-	-	-	-	-	35
Transportation Fund	53,105	-	-	-	-	-	-	-	53,105
Total:	64,431	435	-	-	-	-	-	-	64,866

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

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	73	-	-	-	-	-	-	-	73
Multimodal Funds	254	96	-	-	-	-	-	-	350
Real Estate Excise Tax I	-	-	753	765	-	-	-	-	1,518
Real Estate Excise Tax II	9,433	1,232	880	1,558	1,182	1,727	1,787	1,850	19,649
School Camera Ticket Revenues	4,943	2,846	865	4,422	290	-	2,800	2,900	19,066
State Gas Taxes - Arterial City Street Fund	-	-	-	-	(64)	-	-	-	(64)
State Gas Taxes - City Street Fund	1,014	-	64	-	341	-	-	-	1,419
Street Vacations - SVF	-	-	-	-	-	-	-	-	-
Transportation Move Seattle Levy - Lid Lift	18,688	12,293	10,122	7,551	-	-	-	-	48,654
User Fees	269	231	-	-	-	-	-	-	500
Vehicle License Fees (2021)	150	334	338	343	-	-	-	-	1,165
Vehicle Licensing Fees	1,502	2,075	-	-	788	-	-	-	4,365
Total:	36,325	19,107	13,022	14,640	2,537	1,727	4,587	4,750	96,695
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	18,688	12,293	10,122	7,551	-	-	-	-	48,654
REET I Capital Fund	-	-	753	765	-	-	-	-	1,518
REET II Capital Fund	9,433	1,232	880	1,558	1,182	1,727	1,787	1,850	19,649
School Safety Traffic and Pedestrian Improvement Fund	4,943	2,846	865	4,422	290	-	2,800	2,900	19,066
Transportation Benefit District Fund	1,652	2,408	338	343	788	-	-	-	5,530
Transportation Fund	1,609	328	64	-	277	-	-	-	2,278
Total:	36,325	19,107	13,022	14,640	2,537	1,727	4,587	4,750	96,695
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	2,703	4,437	1,731	1,790	10,661
Total:	-	-	-	-	2,703	4,437	1,731	1,790	10,661

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.

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

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 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 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
	(67)	-	-	-	-	-	-	-	(67)
Vehicle License Fees \$60 & 0.1% Sales Tax	4,407	894	-	-	-	-	-	-	5,301
Vehicle Licensing Fees	-	-	-	-	-	-	-	-	-
Total:	4,339	894	-	-	-	-	-	-	5,234
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Benefit District Fund	4,339	894	-	-	-	-	-	-	5,234
Total:	4,339	894	-	-	-	-	-	-	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.

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

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 reliability, passenger amenities, transit street pavement maintenance, and reliability of transit service operated by King County Metro within the City of Seattle.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Sales Tax	3,048	2,952	13,640	15,000	8,500	9,500	-	-	52,640
Total:	3,048	2,952	13,640	15,000	8,500	9,500	-	-	52,640
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Benefit District Fund	3,048	2,952	13,640	15,000	8,500	9,500	-	-	52,640
Total:	3,048	2,952	13,640	15,000	8,500	9,500	-	-	52,640

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	785	364	-	253	704	306	314	407	3,132
Real Estate Excise Tax I	-	-	655	-	-	-	-	-	655
Real Estate Excise Tax II	-	1,209	-	-	-	-	-	-	1,209
Street Vacations - SVF	36	-	-	-	-	-	-	-	36
Transportation Funding Package - Parking Tax	-	(39)	-	-	-	-	-	-	(39)
Total:	821	1,534	655	253	704	306	314	407	4,994
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	-	-	655	-	-	-	-	-	655
REET II Capital Fund	-	1,209	-	-	-	-	-	-	1,209
Transportation Fund	821	325	-	253	704	306	314	407	3,129
Total:	821	1,534	655	253	704	306	314	407	4,994

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

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Shoreline Street End Fees	2,374	1,133	779	787	783	798	804	989	8,446
Total:	2,374	1,133	779	787	783	798	804	989	8,446
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Fund	2,374	1,133	779	787	783	798	804	989	8,446
Total:	2,374	1,133	779	787	783	798	804	989	8,446

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Partnership Funds	16	(16)	-	-	-	-	-	-	-
Real Estate Excise Tax I	-	-	100	100	2,100	-	-	-	2,300
Real Estate Excise Tax II	7,797	(695)	644	1,100	-	2,100	2,100	2,100	15,146
School Camera Ticket Revenues	1,997	3	-	-	-	-	-	-	2,000
State Gas Taxes - City Street Fund	(57)	124	-	-	-	-	-	-	68
Transportation Funding Package - Lid Lift	996	(6)	-	-	-	-	-	-	990
Transportation Move Seattle Levy - Lid Lift	10,581	5,371	3,472	4,651	42	-	-	-	24,117
Vehicle License Fees \$60 & 0.1% Sales Tax	-	444	-	-	-	-	-	-	444
Vehicle License Fees (2021)	-	1,168	1,228	1,143	-	-	-	-	3,539
Vehicle Licensing Fees	444	(444)	-	-	-	-	-	-	-
Total:	21,775	5,949	5,443	6,995	2,142	2,100	2,100	2,100	48,604
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	996	(6)	-	-	-	-	-	-	990
Move Seattle Levy Fund	10,581	5,371	3,472	4,651	42	-	-	-	24,117
REET I Capital Fund	-	-	100	100	2,100	-	-	-	2,300
REET II Capital Fund	7,797	(695)	644	1,100	-	2,100	2,100	2,100	15,146
School Safety Traffic and Pedestrian Improvement Fund	1,997	3	-	-	-	-	-	-	2,000
Transportation Benefit District Fund	444	1,168	1,228	1,143	-	-	-	-	3,983
Transportation Fund	(40)	108	-	-	-	-	-	-	68
Total:	21,775	5,949	5,443	6,995	2,142	2,100	2,100	2,100	48,604
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	1,800	-	-	-	1,800
Total:	-	-	-	-	1,800	-	-	-	1,800

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

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

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	2,716	261	-	-	688	712	-	-	4,377
Developer Mitigation	-	239	-	-	-	-	-	-	240
Interdepartmental Transfer	-	1	-	-	-	-	-	-	1
Real Estate Excise Tax II	1,013	-	-	-	-	-	-	-	1,013
Transportation Move Seattle Levy - Lid Lift	5,641	1,917	1,762	1,801	132	-	-	-	11,255
Vehicle License Fees \$60 & 0.1% Sales Tax	329	321	-	-	-	-	-	-	650
Vehicle Licensing Fees	2	(2)	-	-	-	-	-	-	-
Total:	9,701	2,738	1,762	1,801	820	712	-	-	17,536
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	5,641	1,917	1,762	1,801	132	-	-	-	11,255
REET II Capital Fund	1,013	-	-	-	-	-	-	-	1,013
Transportation Benefit District Fund	331	319	-	-	-	-	-	-	650
Transportation Fund	2,716	502	-	-	688	712	-	-	4,618
Total:	9,701	2,738	1,762	1,801	820	712	-	-	17,536
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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.

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

Sound Transit - East Link

Project No:	MC-TR-C004	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This project provides design review, permitting, and construction support services for the Sound Transit East Link Extension project. It will provide a connection from the Eastside to downtown Seattle, Sea-Tac Airport and the University of Washington. Ten stations will serve Seattle, Mercer Island, Bellevue, Bel-Red and Overlake in Redmond.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Port of Seattle Funds	49	(49)	-	-	-	-	-	-	-
Sound Transit Funds	551	372	70	-	-	-	-	-	993
Total:	599	323	70	-	-	-	-	-	993
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Fund	599	323	70	-	-	-	-	-	993
Total:	599	323	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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	571	128	-	-	-	-	-	-	699
General Fund	51	-	-	-	-	-	-	-	51
Internal Service Fees and Allocations, Outside Funding Partners	2	58	-	-	-	-	-	-	60
Port of Seattle Funds	279	(279)	-	-	-	-	-	-	-
Real Estate Excise Tax II	823	1,818	-	1,816	-	1,530	-	1,900	7,887
Sound Transit Funds	404	6,284	4	1,504	3,439	3,575	3,715	3,900	22,823
Street Use Fees	-	-	-	-	-	-	1,897	-	1,897
Street Vacations - SVF	1,204	39	-	-	-	-	-	-	1,243
User Fees	2,383	590	1,772	-	1,851	-	-	-	6,596
Vehicle Licensing Fees	-	-	2,555	2,750	2,866	2,981	3,100	3,224	17,477
Total:	5,716	8,640	4,331	6,069	8,156	8,086	8,712	9,024	58,734
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	51	-	-	-	-	-	-	-	51
REET II Capital Fund	823	1,818	-	1,816	-	1,530	-	1,900	7,887
Transportation Benefit District Fund	-	-	2,555	2,750	2,866	2,981	3,100	3,224	17,477
Transportation Fund	4,842	6,821	1,775	1,504	5,290	3,575	5,612	3,900	33,319
Total:	5,716	8,640	4,331	6,069	8,156	8,086	8,712	9,024	58,734

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.

* Funds 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:	\$1,770	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Partnership - WSDOT	-	223	-	-	-	-	-	-	223
Port of Seattle Funds	273	(273)	-	-	-	-	-	-	-
Sound Transit Funds	1,402	145	-	-	-	-	-	-	1,547
Total:	1,675	95	-	-	-	-	-	-	1,770
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Fund	1,675	95	-	-	-	-	-	-	1,770
Total:	1,675	95	-	-	-	-	-	-	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.

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

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:	\$8,160	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Federal Grant Funds	-	-	1,000	-	-	-	-	-	1,000
School Camera Ticket Revenues	-	-	175	225	390	-	-	-	790
Transportation Move Seattle Levy - Lid Lift	1,313	5,847	-	-	-	-	-	-	7,160
Total:	1,313	5,847	1,175	225	390	-	-	-	8,950
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	1,313	5,847	-	-	-	-	-	-	7,160
School Safety Traffic and Pedestrian Improvement Fund	-	-	175	225	390	-	-	-	790
Transportation Fund	-	-	1,000	-	-	-	-	-	1,000
Total:	1,313	5,847	1,175	225	390	-	-	-	8,950

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

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

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 5 - Construction	Council District:	Council District 1
Start/End Date:	2016 - 2023	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Move Seattle Levy - Lid Lift	1,548	7,451	-	-	-	-	-	-	8,999
Total:	1,548	7,451	-	-	-	-	-	-	8,999
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Move Seattle Levy Fund	1,548	7,451	-	-	-	-	-	-	8,999
Total:	1,548	7,451	-	-	-	-	-	-	8,999

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

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	33	-	-	-	-	-	-	-	33
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Internal Service Fees and Allocations, Outside Funding Partners	(1)	1	-	-	-	-	-	-	-
Partnership - WSDOT	5,491	7,809	1,846	1,846	-	-	-	-	16,993
Private Funding/Donations	543	-	-	-	-	-	-	-	543
Real Estate Excise Tax I	54	-	-	-	-	-	-	-	54
Sound Transit Funds	4	103	-	-	-	-	-	-	107
State Gas Taxes - Arterial City Street Fund	-	-	-	(13)	125	125	125	125	487
State Gas Taxes - City Street Fund	1,199	184	76	138	-	-	-	-	1,596
Street Vacations - SVF	54	105	-	-	-	-	-	-	159
Transportation Funding Package - Parking Tax	-	-	-	-	-	-	-	-	-
Vehicle Licensing Fees	60	-	-	-	-	-	-	-	60
Total:	7,437	8,203	1,922	1,971	125	125	125	125	20,033
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	33	-	-	-	-	-	-	-	33
REET I Capital Fund	54	-	-	-	-	-	-	-	54
Transportation Benefit District Fund	60	-	-	-	-	-	-	-	60
Transportation Fund	7,290	8,203	1,922	1,971	125	125	125	125	19,886
Total:	7,437	8,203	1,922	1,971	125	125	125	125	20,033

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	-	1,215	-	-	2,900	2,900	2,900	2,900	12,815
Federal Grant Funds	-	5,000	-	-	-	-	-	-	5,000
General Fund	-	-	1,000	500	-	-	-	-	1,500
Real Estate Excise Tax I	-	2,680	2,200	-	-	-	-	-	4,880
Real Estate Excise Tax II	975	3,785	1,900	2,900	-	-	-	-	9,560
Vehicle License Fees (2021)	418	432	-	-	-	-	-	-	850
Vehicle License Fees (2023)	-	-	461	1,989	2,017	2,045	-	-	6,512
Total:	1,394	13,111	5,561	5,389	4,917	4,945	2,900	2,900	41,117
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	-	-	1,000	500	-	-	-	-	1,500
REET I Capital Fund	-	2,680	2,200	-	-	-	-	-	4,880
REET II Capital Fund	975	3,785	1,900	2,900	-	-	-	-	9,560
Transportation Benefit District Fund	418	432	461	1,989	2,017	2,045	-	-	7,362
Transportation Fund	-	6,215	-	-	2,900	2,900	2,900	2,900	17,815
Total:	1,394	13,111	5,561	5,389	4,917	4,945	2,900	2,900	41,117

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

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

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:	\$5,850	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	108	2,439	-	-	-	-	-	2,547
General Fund	28	-	-	-	-	-	-	-	28
Landscape Conservation & Local Infrastructure Program	745	524	821	-	-	-	-	-	2,090
Real Estate Excise Tax I	113	513	-	-	-	-	-	-	626
Real Estate Excise Tax II	-	165	-	-	-	-	-	-	165
State Gas Taxes - Arterial City Street Fund	-	(1,000)	-	-	-	-	-	-	(1,000)
State Gas Taxes - City Street Fund	-	1,769	-	-	-	-	-	-	1,769
Total:	885	2,079	3,261	-	-	-	-	-	6,225
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	28	-	-	-	-	-	-	-	28
REET I Capital Fund	113	513	-	-	-	-	-	-	626
REET II Capital Fund	-	165	-	-	-	-	-	-	165
Transportation Fund	745	1,401	3,261	-	-	-	-	-	5,406
Total:	885	2,079	3,261	-	-	-	-	-	6,225

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.

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

Transit Corridor Improvements

Project No:	MC-TR-C029	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This program implements multimodal projects which improve transit 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	7	-	-	-	-	-	-	-	7
Commercial Parking Tax	1,666	-	-	-	-	-	-	-	1,666
Developer Mitigation	222	482	-	-	-	-	-	-	704
Drainage and Wastewater Rates	-	1	-	-	-	-	-	-	1
Federal Grant Funds	3,546	-	-	-	-	-	-	-	3,546
King County Funds	2,118	929	-	-	-	-	-	-	3,047
LTGO Bond Proceeds	973	-	-	-	-	-	-	-	973
Port of Seattle Funds	1,491	(1,491)	-	-	-	-	-	-	-
Private Funding/Donations	501	22	-	-	-	-	-	-	523
Sound Transit Funds	2,497	5,575	-	-	-	-	-	-	8,072
State Grant Funds	8,037	-	-	-	-	-	-	-	8,037
Transportation Funding Package - Lid Lift	18,908	-	-	-	-	-	-	-	18,908
Transportation Move Seattle Levy - Lid Lift	7,871	2,029	3,936	3,111	-	-	-	-	16,946
Vehicle License Fees \$60 & 0.1% Sales Tax	3,222	3,832	1,000	-	-	-	-	-	8,054
Vehicle Licensing Fees	7,961	2,264	1,090	944	1,044	1,000	1,000	1,000	16,303
Water Rates	-	30	-	-	-	-	-	-	30
Total:	59,020	13,672	6,026	4,055	1,044	1,000	1,000	1,000	86,817
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2016 Multipurpose LTGO Bond Fund	973	-	-	-	-	-	-	-	973
Bridging The Gap Levy Fund	18,908	-	-	-	-	-	-	-	18,908
Move Seattle Levy Fund	7,871	2,029	3,936	3,111	-	-	-	-	16,946
Transportation Benefit District Fund	11,183	6,096	2,090	944	1,044	-	-	-	21,357
Transportation Fund	20,085	5,547	-	-	-	1,000	1,000	1,000	28,632
Total:	59,020	13,672	6,026	4,055	1,044	1,000	1,000	1,000	86,817
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	2,900	3,010	3,110	3,213	12,233
Total:	-	-	-	-	2,900	3,010	3,110	3,213	12,233

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.

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

Urban Design Capital Projects

Project No:	MC-TR-C120	BSL Code:	BC-TR-19003
Project Type:	Ongoing	BSL Name:	Mobility-Capital
Project Category:	Improved Facility	Location:	
Current Project Stage:	N/A	Council District:	Citywide
Start/End Date:	N/A	Neighborhood District:	
Total Project Cost:	N/A	Urban Village:	

This project funds periodic capital improvements made to SDOT infrastructure, including streetscape projects, adaptive streets, public realm projects and other efforts that improve the livability of the urban environment.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Landscape Conservation & Local Infrastructure Program	-	-	250	250	-	-	-	-	500
Total:	-	-	250	250	-	-	-	-	500
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Fund	-	-	250	250	-	-	-	-	500
Total:	-	-	250	250	-	-	-	-	500

O&M Impacts: Operating and Maintenance impacts will be addressed for each improvement as needed.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	69	11	-	-	-	-	-	-	80
LTGO Bond Proceeds	9	-	-	-	-	-	-	-	9
Payroll Expense Tax	-	-	250	-	-	-	-	-	250
Real Estate Excise Tax I	-	100	-	-	-	-	-	-	100
Real Estate Excise Tax II	104	-	-	-	-	-	-	-	104
State Gas Taxes - City Street Fund	19	18	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	214	423	-	-	-	-	-	-	637
Vehicle Licensing Fees	-	4	-	-	-	-	-	-	4
Total:	812	590	259	9	9	-	-	-	1,679
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	214	423	-	-	-	-	-	-	637
Payroll Expense Tax	-	-	250	-	-	-	-	-	250
REET I Capital Fund	-	100	-	-	-	-	-	-	100
REET II Capital Fund	104	-	-	-	-	-	-	-	104
Transportation Benefit District Fund	-	4	-	-	-	-	-	-	4
Transportation Fund	106	63	9	9	9	-	-	-	195
Unrestricted Cumulative Reserve Fund	350	-	-	-	-	-	-	-	350
Total:	812	590	259	9	9	-	-	-	1,679

O&M Impacts: This CIP supports urban forestry staff to maintain landscapes installed by SDOT capital projects.

* Funds 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

Seattle’s Vision Zero initiative is aimed at ending traffic deaths and serious injuries on city streets by 2030 through street design, education, engagement, and partnership. At the core of the international Vision Zero movement is the belief that no loss of life is acceptable; that humans make mistakes; and that cities should design a system that accounts for imperfection so that when a crash occurs, it doesn’t result in death or injury. This program approaches the challenge of fatal and serious injury crashes from the angle of redesigning streets to emphasize safety, predictability, multimodal mobility, and the potential for human error. It will complete 12-15 corridor safety projects over 9 years to improve safety for all travelers on our highest injury streets. In addition, Vision Zero is focused on taking a proactive, systemwide approach to move toward a safer system for all.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	1,341	1,215	149	-	2,900	2,900	2,900	2,900	14,305
Federal Grant Funds	1,412	4,099	-	-	-	-	-	-	5,510
General Fund	541	7	-	-	-	-	-	-	548
Real Estate Excise Tax I	997	3	-	-	-	-	-	-	1,000
Real Estate Excise Tax II	257	5	3,051	2,900	500	536	555	574	8,378
State Gas Taxes - City Street Fund	29	-	-	-	-	-	-	-	29
State Grant Funds	-	850	-	-	-	-	-	-	850
Transportation Funding Package - Lid Lift	62	-	-	-	-	-	-	-	62
Transportation Move Seattle Levy - Lid Lift	16,274	2,765	1,849	1,461	-	-	-	-	22,349
Transportation Network Company Revenue	-	200	-	-	-	-	-	-	200
Transportation Sales Tax	-	-	1,360	-	1,000	-	-	-	2,360
Vehicle License Fees (2021)	95	3,254	1,955	2,287	-	-	-	-	7,591
Vehicle License Fees (2023)	-	-	-	1,989	2,017	2,045	-	-	6,051
Total:	21,007	12,398	8,364	8,637	6,417	5,481	3,455	3,474	69,233
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Bridging The Gap Levy Fund	62	-	-	-	-	-	-	-	62
General Fund	541	207	-	-	-	-	-	-	748
Move Seattle Levy Fund	16,274	2,765	1,849	1,461	-	-	-	-	22,349
REET I Capital Fund	997	3	-	-	-	-	-	-	1,000
REET II Capital Fund	257	5	3,051	2,900	500	536	555	574	8,378
Transportation Benefit District Fund	95	3,254	3,315	4,276	3,017	2,045	-	-	16,001
Transportation Fund	2,781	6,164	149	-	2,900	2,900	2,900	2,900	20,694
Total:	21,007	12,398	8,364	8,637	6,417	5,481	3,455	3,474	69,233
Unsecured Funding:	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
To Be Determined	-	-	-	-	-	1,191	1,795	876	3,862
Total:	-	-	-	-	-	1,191	1,795	876	3,862

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.

* Funds are appropriated through the Adopted Budget at the Budget Summary Level. All Amounts shown above are in thousands of dollars
279

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Internal Service Fees and Allocations, Outside Funding Partners	77	(77)	-	-	-	-	-	-	-
Miscellaneous Revenues	-	398	-	-	-	-	-	-	398
Street Use Fees	98	(98)	-	300	300	300	300	300	1,500
User Fees	-	300	300	-	-	-	-	-	600
Total:	175	523	300	300	300	300	300	300	2,498
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Transportation Fund	175	523	300	300	300	300	300	300	2,498
Total:	175	523	300	300	300	300	300	300	2,498

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Commercial Parking Tax	-	100	250	500	500	600	750	750	3,450
Real Estate Excise Tax II	-	100	-	-	-	-	-	-	100
Total:	-	200	250	500	500	600	750	750	3,550
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET II Capital Fund	-	100	-	-	-	-	-	-	100
Transportation Fund	-	100	250	500	500	600	750	750	3,450
Total:	-	200	250	500	500	600	750	750	3,550

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.

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

West Marginal Way Safe Street and Accessibility Improvements

Project No:	MC-TR-C103	BSL Code:	BC-TR-19003
Project Type:	Discrete	BSL Name:	Mobility-Capital
Project Category:	New Facility	Location:	West Marginal Way SW and SW Alaska St
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 1
Start/End Date:	2020 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$3,300	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	-	(500)	-	-	-	-	-	-	(500)
LTGO Bond Proceeds	1,090	1,710	-	-	-	-	-	-	2,800
Real Estate Excise Tax II	-	500	-	-	-	-	-	-	500
Transportation Network Company Revenue	-	500	-	-	-	-	-	-	500
Total:	1,090	2,210	-	-	-	-	-	-	3,300
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2021 West Seattle Bridge Repair LTGO Bond Fund	1,090	560	-	-	-	-	-	-	1,650
2022 Multipurpose LTGO Bond Fund	-	1,150	-	-	-	-	-	-	1,150
REET II Capital Fund	-	500	-	-	-	-	-	-	500
Total:	1,090	2,210	-	-	-	-	-	-	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.

* Funds 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 5 - Construction	Council District:	Multiple
Start/End Date:	2020 - 2023	Neighborhood District:	Greater Duwamish
Total Project Cost Range:	159,170 - 224,711	Urban Village:	Not in an Urban Village

This CIP funds the West Seattle Bridge Program, including broad community engagement efforts and the Reconnect West Seattle multimodal strategy. The capital delivery components include emergency repairs and bridge stabilization work, high bridge and low bridge rehabilitation, low bridge improvements, and high bridge replacement planning. In parallel, this CIP funds a broad multimodal capital 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.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	1,319	-	-	-	-	-	-	1,319
Drainage and Wastewater Rates	-	21	-	-	-	-	-	-	21
Federal Grant Funds	117	37,534	-	-	-	-	-	-	37,651
LTGO Bond Proceeds	53,963	51,235	-	-	-	-	-	-	105,198
Port of Seattle Funds	-	9,000	-	-	-	-	-	-	9,000
Vehicle License Fees \$60 & 0.1% Sales Tax	-	5,000	-	-	-	-	-	-	5,000
Total:	54,080	104,108	-	-	-	-	-	-	158,188
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2021 West Seattle Bridge Repair LTGO Bond Fund	54,080	20,484	-	-	-	-	-	-	74,564
2022 Multipurpose LTGO Bond Fund	-	30,634	-	-	-	-	-	-	30,634
Transportation Benefit District Fund	-	5,000	-	-	-	-	-	-	5,000
Transportation Fund	-	47,990	-	-	-	-	-	-	47,990
Total:	54,080	104,108	-	-	-	-	-	-	158,188

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.

* Funds 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 \$2.7 billion over the 2023-2028 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 CIP underpins City Light’s core 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 2023-2028 Strategic Plan Update. The update continues work on the five business strategies first described in last year’s 2022-2026 Strategic Plan:

- 1. Improve the Customer Experience**
City Light is focused on engaging with our customers and helping employees see the impact of their actions from the customers’ perspective. We are making investments to enhance accessibility, offer new program choices, and better meet our customers’ diverse needs.
- 2. Create Our Energy Future**
Creating our energy future involves responsibly growing demand for clean energy through electrification, investing in access to low-cost carbon-free renewable power, and building and maintaining a smart, resilient, flexible, dynamic, and reliable grid infrastructure. Past budgets added significant funding for electrification and grid modernization in anticipation of federal and state infrastructure grant opportunities.
- 3. Develop Workforce and Organizational Agility**
Our industry is transforming quickly, and so are our customers’ needs. City Light is building an organization that is nimble, adaptive, and responsive by investing in strong change management, workforce development, and new technology resources.
- 4. Ensure Financial Stewardship and Affordability**
To deliver rates that are affordable for all, City Light is leaning into strong fiscal management and new pricing options to help customers manage their energy bills through efficient use of City Light’s products and services.

5. We Power

“We Power” refers to our core mission as a utility – to provide our customers with affordable, reliable, and environmentally responsible energy services. Critical CIP efforts funded in past budgets include Skagit Relicensing and the Accelerated Pole Replacement Program; both initiatives continue in the 2023-2024 Budget. Other key capital investments include:

a) Dam Trash Racks. Our hydro projects rely on large steel trash racks that prevent debris from flowing into the dam penstock and damaging the generators. In January 2022, the trash rack at Diablo Dam was severely damaged by an accumulation of woody debris, taking the generator offline and creating safety concerns. This request provides funding to repair or replace the Diablo trash rack as well as install automated rakes to preventatively remove debris from the trash racks at Ross, Gorge, Diablo, Cedar Falls, and Boundary dams. 2023-2028 - \$7.5M total

b) Newhalem Creek Hydroelectric Project Decommissioning. The Federal Energy Regulatory Commission (FERC) license for Newhalem Creek expires in 2027, and City Light will not pursue a new license for the project because the cost would far exceed its value. This request funds all anticipated costs of decommissioning Newhalem Creek based on our request to FERC, including engineering, permitting, planning, coordination with license participants, and removal of the dam, powerhouse, and other infrastructure needed to return the site to its natural state. 2023-2028 - \$18.0M total

Notable CIP areas that advance our 2023-2028 Strategic Plan and core planning and operational needs include:

Investments to Create Our Energy Future

The CIP includes funding for projects to advance Seattle’s transition away from fossil fuels to achieve 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 large-scale maritime electrification projects, as well as ongoing expansion of electric vehicle charging infrastructure. Green energy resource growth will enable projects to develop distributed generation (solar, wind, etc.), energy storage, demand-side management, and other distributed energy resource (DER) technology. City Light will pursue grant matching funds of federal and state stimulus dollars to leverage and accelerate City Light’s Utility Next program.

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 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) will facilitate new energy technologies as part of grid transformation. A major upgrade of the Work and Asset Management System (WAMS) is also in the initial planning stages. To safeguard our technology assets and harden against cyber threats, advanced developments in cyber security programs, technology governance, and operations are funded.

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 FERC also means reviewing the safety, cost, environmental, and cultural impacts of the continued

operation of the project. Between 2020 and 2023, City Light is collaborating 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 and its surrounding communities. 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 proactive maintenance of transmission and distribution assets. The utility has accelerated the pace of pole replacements due to a critical need to replace deteriorating poles that are critical for reliability as well as public safety. 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 investments and proactive 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 such as powerhouse systems; plant automation; and cyber security investments.

Workforce, Facilities and Fleets

Supporting an agile workforce requires a work environment 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 collaboration, and reduce the utility's footprint in the downtown core. Similarly, strategic fleet investments will replace aging vehicles with electric-powered alternatives that are greener and more efficient.

Race and Social Justice

City Light is committed to leading with equity and prioritizing investments in ways that deliver value to underserved and under-represented communities. 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, work groups seeking incremental funding participated in an equity lab with City Light's RSJ Change Team to seek diverse perspectives and identify opportunities to incorporate social justice work into implementation plans. 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 to deliver better air quality and other health benefits to historically underserved communities. Other benefits include 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 meets customers' current and future needs, and to position the utility to meet current and future strategic and operational challenges. Project ideas come from throughout City Light. 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

2023-2028 Adopted Capital Improvement Program

recommended projects through a centralized capital budgeting system.

Programs with ongoing funding are prioritized using six criteria: Criticality, Need (Urgency), Environmental, Innovations, RSJI 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. The prioritized list of programs, historical spending analysis, and strategic plan initiatives are inputs used to develop City Light’s six-year CIP.

For any capital project with a total cost exceeding \$1.0 million, utility staff complete an intake to document the project expectations, rationale, and a cost-benefit analysis of alternatives. Availability of funding and labor resources limits the CIP, and to balance overall needs within these constraints, City Light may rescope, reschedule, or defer projects in the six-year CIP.

2023-2028 Adopted CIP Highlights

The 2023-2028 Adopted CIP outlines \$2.7 billion in capital spending over six years for power supply, transmission, distribution, external projects, and central utility needs.

2023-2028 Adopted CIP Summary of Allocations by Program (in 1,000s)

Program/SubProgram	2023	2024	2025	2026	2027	2028
Central Utility Projects	33,229,086	34,682,887	27,202,809	27,539,300	27,500,900	25,444,186
CUSTOMER AND BILLING	45,000	45,000	45,000	45,000	45,000	45,000
Finance and IT Systems	2,264,060	2,848,902	2,748,810	2,793,017	1,636,588	1,620,086
FLEETS AND FACILITIES	30,920,026	31,788,985	24,408,999	24,701,282	25,819,312	23,779,100
Distribution	265,543,186	262,128,706	269,756,142	279,796,616	282,249,608	267,995,897
DISTRIBUTION OTHER	34,073,743	24,399,272	25,002,316	27,861,304	27,542,673	22,495,019
NETWORK	21,926,036	22,653,437	21,771,024	24,232,697	24,028,322	22,664,967
RADIAL	110,629,526	121,028,402	128,125,170	132,080,534	130,092,542	111,414,921
SERVICE CONNECTIONS	70,666,166	69,047,121	72,453,010	71,483,083	70,308,770	81,168,214
SUBSTATIONS	28,247,714	25,000,474	22,404,622	24,138,998	30,277,301	30,252,776
External Projects	37,785,380	30,346,857	31,785,159	30,415,870	33,455,623	28,427,550
LOCAL JURISDICTIONS	15,515,542	15,404,552	20,230,250	23,332,835	26,681,448	21,412,531
TRANSPORTATION RELOCATIONS	22,269,838	14,942,304	11,554,909	7,083,035	6,774,174	7,015,019
Power Supply	139,042,603	110,329,090	114,484,108	104,259,402	100,271,688	121,599,744
BOUNDARY	56,135,687	31,877,505	19,965,659	23,039,836	21,577,454	44,917,188
CEDAR FALLS - TOLT	3,494,891	3,809,097	7,542,436	8,095,898	5,918,099	5,960,735
Conservation & Environmental	47,642,520	47,588,281	46,847,178	47,215,213	47,253,388	46,695,349
POWER SUPPLY OTHER	1,561,439	1,840,132	1,902,783	1,429,127	1,184,196	1,660,179
SKAGIT	30,208,066	25,214,076	38,226,051	24,479,328	24,338,551	22,366,293
Transmission	8,771,668	6,852,878	6,773,874	6,797,570	6,927,182	7,325,924
TRANSMISSION	8,771,668	6,852,878	6,773,874	6,797,570	6,927,182	7,325,924
Grand Total	484,371,924	444,340,417	450,002,092	448,808,758	450,405,001	450,793,302

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). This program also includes City Light’s work on transportation electrification.

2023-2028 Adopted Capital Improvement Program

For 2023, there is \$33.2 million in funding for 21 projects in Central Utility including \$2.0 million in additional funding for Equipment Fleet Replacement (MC-CL-XF9101) and \$500,000 for a new Master project for the System Control Center System Map Board Replacement. Highlights include:

- Equipment Fleet Replacement (MC-CL-XF9101): \$9,555,978
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.
- Office Furniture and Equipment Replacement (MC-CL-XF9103): \$8,864,991
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.
- Transportation Electrification (MC-CL-XF9239): \$5,006,246
This ongoing project develops electrification infrastructure to support light-duty, medium-duty, and heavy-duty electric vehicles as well as ferry and port systems. Efforts support electrified public transit, fleet electrification, and electric vehicle charging.
- Substation Comprehensive Improvements (MC-CL-XF9161): \$2,678,736
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 union contracts, as well as structural and mechanical corrections and enhancements at substation facilities.
- Seismic Mitigation (MC-CL-XF9134): \$1,005,958
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.
- System Control Center System Map Board Replacement (MC-CL-ZF9985): \$500,000
This new project funds the replacement of the existing system map board in the System Control Center (SCC). The current map board is no longer supported by the vendor and replacement parts are no longer available. This replacement is critical for the SCC to monitor the electric transmission and distribution systems while making decisions that impact safety of employees, customers, the public, and City Light infrastructure.

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 2023, there is \$265.5 million included for 57 projects in Distribution. Highlights include:

- Overhead Equipment Replacements (MC-CL-YR8351): \$52,311,164

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.

- Underground Equipment Replacements (MC-CL-YR8353): \$22,777,296
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.
- Medium Overhead and Underground Services (MC-CL-ZS8366): \$22,146,963
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.
- Software Replacement Strategy (MC-CL-YD9969): \$17,932,757
This project funds the upgrade or replacement of key applications and systems as part of the Utility Technology Portfolio. Timely upgrades and replacements ensure that technology and enterprise level software resources are kept up to date, are fully functional and continue to deliver more benefits and technology automations to internal and external customers.
- Pole Attachments (MC-CL-YR8452): \$17,063,755
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.
- Network Additions and Services – Broad Street Substation (MC-CL-ZS8363): \$9,320,301
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.
- Network Additions and Services – First Hill, Massachusetts, Union, & University (MC-CL-ZS8364): \$7,963,544
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.
- Small Overhead and Underground Services (MC-CL-ZS8367): \$7,652,749
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.
- Substation Breaker Replacements & Reliability Additions (MC-CL-YS7779): \$7,645,068
This ongoing project funds the review of City Light's inventory of approximately 400 transmission and distribution voltage circuit breakers. It determines which have the greatest wear, gas or oil leaks, maintenance cost, and service stress. It prioritizes replacement of circuit breakers with highest risk of failure.
- Denny Substation – Network (MC-CL-YN8404): \$7,103,425
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.

2023-2028 Adopted Capital Improvement Program

- Substation Equipment Improvements (MC-CL-YS7752): \$6,442,297
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.
- Relaying Improvements (MC-CL-YS7753): \$5,471,485
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.
- Large Overhead and Underground Services (MC-CL-ZS8365) \$5,017,501
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. Most of this related work is billable to the customer. The project allows City Light to provide service to new customers in a safe, reliable, timely and cost-effective manner, fulfilling its commitment to be a customer and community-focused organization.

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 2023, the CIP includes \$37.8 million in funding for eight External Projects. Additional funding of \$5.2 million was added for streetlighting projects: \$1.4 million for LED Technology Upgrade (ZL8441) and \$3.8 million for Red Tickets Backlog (ZL8378). Funding of \$7.5 million for overhead to underground relocations for the Shoreline 175th Street project was added to Local Transportation Driven Relocations (ZT8369). Highlights include:

- Local Transportation Driven Relocations (MC-CL-ZT8369): \$17,967,790
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.
- Streetlight Arterial, Residential and Flood (MC-CL-ZL8378): \$6,707,075
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.
- Transportation Streetlights (MC-CL-ZL8377): \$5,457,810
This ongoing project funds relocation of streetlights displaced by City of Seattle transportation projects.
- LED Streetlight Conversion Program (MC-CL-ZL8441) \$3,350,657
This project is the second-generation replacement of LED luminaires and will be deployed with a controls system to replace all cobrahead streetlights. The project is expected to achieve an additional 20% annual energy savings and prevent 2,720 metric tons of carbon from being released

2023-2028 Adopted Capital Improvement Program

into the atmosphere. Included in this project will be a color temperature reduction to 3000K to improve customer reports of discomfort glare. This project continues the work originally chartered in 2009 to upgrade all City-owned streetlights to LED, which achieved an estimated annual 40% energy savings and avoided 5,446 metric tons of carbon released into the atmosphere. Since then, the LED industry has matured, and the original fixtures are no longer a benchmark of efficiency and are nearing the end of life.

- SR 520 Bridge Relocations (MC-CL-ZT8435): \$2,054,489
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.
- Alaskan Way Viaduct and Seawall Replacement - Utility Relocations (MC-CL-ZT8307): \$1,303,014
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.

Power Supply

Projects in this program include energy efficiency, environmental claims, 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 are sequenced to reduce the impact to power generation and to minimize fluctuations in the annual amount of capital spending.

For 2023, the CIP includes \$139.0 million in funding for 48 projects in Power Supply. A new Master project and \$2.0 million in funding was added for the Newhalem Creek Hydroelectric Project Decommissioning (XS6307) – total project cost \$18.0 million. Funding of \$4.9 million was added for the Diablo Dam Trash Rack Replacement (XS6405) – total project cost \$7.6 million. Highlights include:

- Energy Efficiency (MC-CL-WC2250) \$31,935,643
This ongoing project funds energy efficiency programs at City Light.
- Boundary – Licensing Mitigation (MC-CL-XB6987): \$28,996,913
This ongoing project implements protection, mitigation, and enhancement measures (PMEs) required by the terms and conditions of the Boundary Hydroelectric Project license issued by FERC in 2013. The license allows for the continued operation of the project, City Light's largest generating station producing approximately 25% to 40% of its power supply.
- Boundary Powerhouse – Unit 52 Generator Rebuild (MC-CL-XB6535): \$13,380,079
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.
- Environmental Claims (MC-CL-WC3133) \$12,107,384
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.
- Skagit – Relicensing (MC-CL-XS6986): \$9,056,220
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 to FERC in May 2023.
- Boundary Powerhouse Generator Step-up Transformer Replacement (MC-CL-XB6493): \$8,048,071

2023-2028 Adopted Capital Improvement Program

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.

- Skagit Facility – Minor Improvements Program (MC-CL-XS6405): \$5,383,271
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.
- Newhalem Creek Hydroelectric Project Decommissioning (MC-CL-XS6307) \$1,994,220
This project funds the decommissioning of the Newhalem Creek Hydroelectric Project. City Light is coordinating with FERC and intervenors in the process to surrender the license for the Newhalem Creek Hydroelectric Project, as well the planning, design, and decommissioning of the facilities.

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 2023, the CIP budget includes \$8.8 million for five projects in Transmission. Highlights include:

- Transmission Reliability (MC-CL-YT7104): \$4,080,022
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.
- Transmission Tower Refurbishment (MC-CL-YT7130): \$3,795,171
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

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. Within this financially constrained environment, the utility will continue to provide services in a timely and efficient manner.

The Undergrounding Program does not include the funding needed to make substantial progress on this body of work. Supply chain and staffing constraints have exacerbated the long lead times needed to design and replace underground cabling. Therefore, funding is being shifted to offset other critical capital funding needs until a more focused effort can resume on undergrounding. For instance, City Light

is working on policies and funding approaches to re-evaluate the program going forward and anticipates significant customer outreach once policy and funding options have been presented to the Mayor's Office and City Council. Ultimately, resources will need to be assigned to increase replacement of failing underground cables, similar to the increased funding allocated for the Accelerated Pole Replacement Program the past few years. There may be future rate impacts associated with adequately funding the undergrounding work in the future.

The six-year CIP does not currently include all costs associated with relicensing of the Skagit Hydroelectric Project. Costs are expected to be significant and at this time there is not sufficient information to project these costs and include them in the spending plan, but they will likely have future rate impacts.

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.
- *Areas of 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. Capital technology investments need to encompass broader project scopes that include more process standardizations and automations, as well as robust organizational change management activities to facilitate the workforce's adoption of new processes and tools.
- *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. Since 1910, City Light has provided its customers with reliable, affordable, and environmentally responsive clean energy. As the utility continues this tradition and plans for the future, it must account for future growth in power supply demands from its customers due to transportation electrification, while prioritizing emission reductions and ensuring an equitable clean energy transition for all customers served.

Future Projects/What is on the Horizon

- Demand for transportation and building electrification continues to grow and will support multiple policy commitments and Green New Deal priorities. Prospects for large scale commercial electrification include maritime applications, including ferries, the port, various types of commercial ships, trucking, and multiple large-scale district energy electrification projects.

- 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.

City Council Changes to the Proposed CIP

The City Council made no change to the 2023-2028 Proposed CIP.

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 - 2023	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$102,219	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	94,377	6,406	1,436	-	-	-	-	-	102,219
Total:	94,377	6,406	1,436	-	-	-	-	-	102,219
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	94,377	6,406	1,436	-	-	-	-	-	102,219
Total:	94,377	6,406	1,436	-	-	-	-	-	102,219

O&M Impacts: NA

* Funds 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 - 2025	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$257,116	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	233,079	22,600	1,303	109	25	-	-	-	257,116
Total:	233,079	22,600	1,303	109	25	-	-	-	257,116
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	233,079	22,600	1,303	109	25	-	-	-	257,116
Total:	233,079	22,600	1,303	109	25	-	-	-	257,116

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	1,046	155	-	-	-	-	-	-	1,201
Total:	1,046	155	-	-	-	-	-	-	1,201
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	1,046	155	-	-	-	-	-	-	1,201
Total:	1,046	155	-	-	-	-	-	-	1,201

O&M Impacts: NA

* Funds 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:	\$5,707	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	857	-	-	-	-	-	650	4,200	5,707
Total:	857	-	-	-	-	-	650	4,200	5,707
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	857	-	-	-	-	-	650	4,200	5,707
Total:	857	-	-	-	-	-	650	4,200	5,707

O&M Impacts: NA

* Funds 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 - 2027	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$3,983	Urban Village:	Outside City of Seattle

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

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	1,538	1	15	761	960	698	10	-	3,983
Total:	1,538	1	15	761	960	698	10	-	3,983
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	1,538	1	15	761	960	698	10	-	3,983
Total:	1,538	1	15	761	960	698	10	-	3,983

O&M Impacts: NA

* Funds 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 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$3,031	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	2,940	30	10	50	-	-	-	-	3,031
Total:	2,940	30	10	50	-	-	-	-	3,031
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	2,940	30	10	50	-	-	-	-	3,031
Total:	2,940	30	10	50	-	-	-	-	3,031

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	112,281	43,049	28,997	14,126	8,066	15,377	10,159	29,775	261,829
Total:	112,281	43,049	28,997	14,126	8,066	15,377	10,159	29,775	261,829
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	112,281	43,049	28,997	14,126	8,066	15,377	10,159	29,775	261,829
Total:	112,281	43,049	28,997	14,126	8,066	15,377	10,159	29,775	261,829

O&M Impacts: NA

* Funds 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:	\$1,968	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	1,968	-	-	-	-	-	-	-	1,968
Total:	1,968	-	-	-	-	-	-	-	1,968
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	1,968	-	-	-	-	-	-	-	1,968
Total:	1,968	-	-	-	-	-	-	-	1,968

O&M Impacts: NA

* Funds 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 - 2026	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$346	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	95	34	61	52	52	52	-	-	346
Total:	95	34	61	52	52	52	-	-	346
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	95	34	61	52	52	52	-	-	346
Total:	95	34	61	52	52	52	-	-	346

O&M Impacts: NA

* Funds 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:	\$998	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	982	16	-	-	-	-	-	-	998
Total:	982	16	-	-	-	-	-	-	998
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	982	16	-	-	-	-	-	-	998
Total:	982	16	-	-	-	-	-	-	998

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	16	105	100	101	102	102	103	500	1,129
Total:	16	105	100	101	102	102	103	500	1,129
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	16	105	100	101	102	102	103	500	1,129
Total:	16	105	100	101	102	102	103	500	1,129

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	22,722	620	1,038	2,126	1,540	1,972	4,208	3,472	37,698
Total:	22,722	620	1,038	2,126	1,540	1,972	4,208	3,472	37,698
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	22,722	620	1,038	2,126	1,540	1,972	4,208	3,472	37,698
Total:	22,722	620	1,038	2,126	1,540	1,972	4,208	3,472	37,698

O&M Impacts: NA

* Funds 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:	2027 - 2028	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$849	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	-	-	-	-	-	422	428	849
Total:	-	-	-	-	-	-	422	428	849
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	-	-	-	-	-	422	428	849
Total:	-	-	-	-	-	-	422	428	849

O&M Impacts: NA

** Funds 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:	2026 - 2028	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$8,664	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	-	-	-	-	199	4,236	4,228	8,664
Total:	-	-	-	-	-	199	4,236	4,228	8,664
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	-	-	-	-	199	4,236	4,228	8,664
Total:	-	-	-	-	-	199	4,236	4,228	8,664

O&M Impacts: NA

* Funds 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 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2017 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$41,143	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	40,868	263	8	4	-	-	-	-	41,143
Total:	40,868	263	8	4	-	-	-	-	41,143
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	40,868	263	8	4	-	-	-	-	41,143
Total:	40,868	263	8	4	-	-	-	-	41,143

O&M Impacts: NA

* Funds 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:	\$35,330	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	84	19,997	13,380	1,869	-	-	-	-	35,330
Total:	84	19,997	13,380	1,869	-	-	-	-	35,330
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	84	19,997	13,380	1,869	-	-	-	-	35,330
Total:	84	19,997	13,380	1,869	-	-	-	-	35,330

O&M Impacts: NA

* Funds 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 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2018 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$35,153	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	22,233	13,617	245	58	-	-	-	-	36,153
Total:	22,233	13,617	245	58	-	-	-	-	36,153
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	22,233	13,617	245	58	-	-	-	-	36,153
Total:	22,233	13,617	245	58	-	-	-	-	36,153

O&M Impacts: NA

* Funds 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 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2010 - 2026	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$47,727	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	19,757	10,565	8,048	6,104	3,018	235	-	-	47,727
Total:	19,757	10,565	8,048	6,104	3,018	235	-	-	47,727
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	19,757	10,565	8,048	6,104	3,018	235	-	-	47,727
Total:	19,757	10,565	8,048	6,104	3,018	235	-	-	47,727

O&M Impacts: NA

** Funds 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 - 2027	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$12,588	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	77	452	2,424	4,571	3,308	1,623	135	-	12,588
Total:	77	452	2,424	4,571	3,308	1,623	135	-	12,588
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	77	452	2,424	4,571	3,308	1,623	135	-	12,588
Total:	77	452	2,424	4,571	3,308	1,623	135	-	12,588

O&M Impacts: NA

* Funds 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 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2019 - 2023	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$512	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.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	278	235	-	-	-	-	-	-	512
Total:	278	235	-	-	-	-	-	-	512
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	278	235	-	-	-	-	-	-	512
Total:	278	235	-	-	-	-	-	-	512

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	93,785	4,421	2,552	2,725	2,702	3,248	3,612	3,553	116,598
Total:	93,785	4,421	2,552	2,725	2,702	3,248	3,612	3,553	116,598
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	93,785	4,421	2,552	2,725	2,702	3,248	3,612	3,553	116,598
Total:	93,785	4,421	2,552	2,725	2,702	3,248	3,612	3,553	116,598

O&M Impacts: NA

* Funds 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:	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 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	14,322	234	43	241	1,097	1,119	1,411	734	19,201
Total:	14,322	234	43	241	1,097	1,119	1,411	734	19,201
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	14,322	234	43	241	1,097	1,119	1,411	734	19,201
Total:	14,322	234	43	241	1,097	1,119	1,411	734	19,201

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	511	-	45	45	45	45	45	45	781
Total:	511	-	45	45	45	45	45	45	781
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	511	-	45	45	45	45	45	45	781
Total:	511	-	45	45	45	45	45	45	781

O&M Impacts: NA

* Funds 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 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2007 - 2023	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$3,299	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	1,359	1,505	435	-	-	-	-	-	3,299
Total:	1,359	1,505	435	-	-	-	-	-	3,299
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	1,359	1,505	435	-	-	-	-	-	3,299
Total:	1,359	1,505	435	-	-	-	-	-	3,299

O&M Impacts: NA

* Funds 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 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2023 - 2024	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:		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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	-	-	-	-	-	-	-	-
Total:	-	-	-	-	-	-	-	-	-
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	-	-	-	-	-	-	-	-
Total:	-	-	-	-	-	-	-	-	-

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	1,585	-	-	-	-	-	-	-	1,586
Total:	1,585	-	-	-	-	-	-	-	1,586
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	1,585	-	-	-	-	-	-	-	1,586
Total:	1,585	-	-	-	-	-	-	-	1,586

O&M Impacts: NA

* Funds 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 5 - Construction	Council District:	Outside City of Seattle
Start/End Date:	2018 - 2023	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$15,097	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	6,260	8,619	218	-	-	-	-	-	15,097
Total:	6,260	8,619	218	-	-	-	-	-	15,097
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	6,260	8,619	218	-	-	-	-	-	15,097
Total:	6,260	8,619	218	-	-	-	-	-	15,097

O&M Impacts: NA

** Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	17,407	1,004	998	1,912	1,396	1,822	2,473	2,300	29,312
Total:	17,407	1,004	998	1,912	1,396	1,822	2,473	2,300	29,312
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	17,407	1,004	998	1,912	1,396	1,822	2,473	2,300	29,312
Total:	17,407	1,004	998	1,912	1,396	1,822	2,473	2,300	29,312

O&M Impacts: NA

* Funds 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 - 2022	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	844	157	-	-	-	-	-	-	1,001
Total:	844	157	-	-	-	-	-	-	1,001
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	844	157	-	-	-	-	-	-	1,001
Total:	844	157	-	-	-	-	-	-	1,001

O&M Impacts: NA

* Funds 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:	\$700	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	700	-	-	-	-	-	-	700
Total:	-	700	-	-	-	-	-	-	700
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	700	-	-	-	-	-	-	700
Total:	-	700	-	-	-	-	-	-	700

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	10,990	950	928	902	971	1,033	1,366	1,511	18,650
Total:	10,990	950	928	902	971	1,033	1,366	1,511	18,650
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	10,990	950	928	902	971	1,033	1,366	1,511	18,650
Total:	10,990	950	928	902	971	1,033	1,366	1,511	18,650

O&M Impacts: NA

* Funds 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:	\$9,374	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	8,832	542	-	-	-	-	-	-	9,374
Total:	8,832	542	-	-	-	-	-	-	9,374
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	8,832	542	-	-	-	-	-	-	9,374
Total:	8,832	542	-	-	-	-	-	-	9,374

O&M Impacts: NA

* Funds 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 - 2027	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$11,486	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	782	506	7	234	38	4,919	5,000	-	11,486
Total:	782	506	7	234	38	4,919	5,000	-	11,486
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	782	506	7	234	38	4,919	5,000	-	11,486
Total:	782	506	7	234	38	4,919	5,000	-	11,486

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	1,914	1,231	1,233	1,308	2,150	2,224	1,640	2,299	13,998
Total:	1,914	1,231	1,233	1,308	2,150	2,224	1,640	2,299	13,998
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	1,914	1,231	1,233	1,308	2,150	2,224	1,640	2,299	13,998
Total:	1,914	1,231	1,233	1,308	2,150	2,224	1,640	2,299	13,998

O&M Impacts: NA

* Funds 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:	\$367	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	-	144	223	-	-	-	-	367
Total:	-	-	144	223	-	-	-	-	367
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	-	144	223	-	-	-	-	367
Total:	-	-	144	223	-	-	-	-	367

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	106,403	2,752	7,103	7,500	7,500	6,666	6,814	4,995	149,734
Total:	106,403	2,752	7,103	7,500	7,500	6,666	6,814	4,995	149,734
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	106,403	2,752	7,103	7,500	7,500	6,666	6,814	4,995	149,734
Total:	106,403	2,752	7,103	7,500	7,500	6,666	6,814	4,995	149,734

O&M Impacts: NA

* Funds 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:	Discrete	BSL Name:	Power Supply - CIP
Project Category:	Rehabilitation or Restoration	Location:	Valley Street
Current Project Stage:	Stage 6 - Closeout	Council District:	Multiple
Start/End Date:	2015 - 2022	Neighborhood District:	Lake Union
Total Project Cost:	\$7,158	Urban Village:	South Lake Union

This project will program, design, and construct interior improvements within two building shell spaces within the Denny Substation. The two spaces are a southwest shell space 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	3,257	3,901	-	-	-	-	-	-	7,158
Total:	3,257	3,901	-	-	-	-	-	-	7,158
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	3,257	3,901	-	-	-	-	-	-	7,158
Total:	3,257	3,901	-	-	-	-	-	-	7,158

O&M Impacts: NA

** Funds 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:	\$24,773	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	17,596	6,048	217	220	220	210	233	29	24,773
Total:	17,596	6,048	217	220	220	210	233	29	24,773
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	17,596	6,048	217	220	220	210	233	29	24,773
Total:	17,596	6,048	217	220	220	210	233	29	24,773

O&M Impacts: NA

* Funds 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:	\$6,016	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	6,009	7	-	-	-	-	-	-	6,016
Total:	6,009	7	-	-	-	-	-	-	6,016
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	6,009	7	-	-	-	-	-	-	6,016
Total:	6,009	7	-	-	-	-	-	-	6,016

O&M Impacts: NA

* Funds 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:	2028 - 2029	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$315	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	-	-	-	-	-	-	315	315
Total:	-	-	-	-	-	-	-	315	315
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	-	-	-	-	-	-	315	315
Total:	-	-	-	-	-	-	-	315	315

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	2,082	931	645	755	347	-	-	-	4,759
Total:	2,082	931	645	755	347	-	-	-	4,759
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	2,082	931	645	755	347	-	-	-	4,759
Total:	2,082	931	645	755	347	-	-	-	4,759

O&M Impacts: NA

* Funds 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:	\$6,600	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	6,599	-	-	-	-	-	-	-	6,600
Total:	6,599	-	-	-	-	-	-	-	6,600
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	6,599	-	-	-	-	-	-	-	6,600
Total:	6,599	-	-	-	-	-	-	-	6,600

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	27,975	3,709	2,256	1,000	1,000	1,000	1,000	1,000	38,940
Total:	27,975	3,709	2,256	1,000	1,000	1,000	1,000	1,000	38,940
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	27,975	3,709	2,256	1,000	1,000	1,000	1,000	1,000	38,940
Total:	27,975	3,709	2,256	1,000	1,000	1,000	1,000	1,000	38,940

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	14,260	4,101	3,210	3,092	3,141	3,200	3,662	4,000	38,665
Total:	14,260	4,101	3,210	3,092	3,141	3,200	3,662	4,000	38,665
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	14,260	4,101	3,210	3,092	3,141	3,200	3,662	4,000	38,665
Total:	14,260	4,101	3,210	3,092	3,141	3,200	3,662	4,000	38,665

O&M Impacts: NA

* Funds 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). 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	-	-	-	-	-	6,829	-	6,829
Total:	-	-	-	-	-	-	6,829	-	6,829
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	-	-	-	-	-	6,829	-	6,829
Total:	-	-	-	-	-	-	6,829	-	6,829

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	3,362	2,013	872	872	1,000	1,848	1,000	931	11,897
Total:	3,362	2,013	872	872	1,000	1,848	1,000	931	11,897
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	3,362	2,013	872	872	1,000	1,848	1,000	931	11,897
Total:	3,362	2,013	872	872	1,000	1,848	1,000	931	11,897

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	3,943	1,053	-	-	-	-	-	-	4,996
Total:	3,943	1,053	-	-	-	-	-	-	4,996
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	3,943	1,053	-	-	-	-	-	-	4,996
Total:	3,943	1,053	-	-	-	-	-	-	4,996

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	14,874	2,413	1,169	1,192	1,213	1,124	615	1,079	23,678
Total:	14,874	2,413	1,169	1,192	1,213	1,124	615	1,079	23,678
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	14,874	2,413	1,169	1,192	1,213	1,124	615	1,079	23,678
Total:	14,874	2,413	1,169	1,192	1,213	1,124	615	1,079	23,678

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	8,056	1,423	850	600	600	-	-	-	11,529
Total:	8,056	1,423	850	600	600	-	-	-	11,529
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	8,056	1,423	850	600	600	-	-	-	11,529
Total:	8,056	1,423	850	600	600	-	-	-	11,529

O&M Impacts: NA

* Funds 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:	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 energy efficiency programs at City Light.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	28,904	31,936	31,842	31,063	31,394	31,394	33,300	219,831
Total:	-	28,904	31,936	31,842	31,063	31,394	31,394	33,300	219,831
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	28,904	31,936	31,842	31,063	31,394	31,394	33,300	219,831
Total:	-	28,904	31,936	31,842	31,063	31,394	31,394	33,300	219,831

O&M Impacts:

* Funds 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 - 2022	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	1,523	266	-	-	-	-	-	-	1,789
Total:	1,523	266	-	-	-	-	-	-	1,789
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	1,523	266	-	-	-	-	-	-	1,789
Total:	1,523	266	-	-	-	-	-	-	1,789

O&M Impacts: NA

** Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	1,260	1,924	3,204	2,228	-	-	-	-	8,616
Total:	1,260	1,924	3,204	2,228	-	-	-	-	8,616
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	1,260	1,924	3,204	2,228	-	-	-	-	8,616
Total:	1,260	1,924	3,204	2,228	-	-	-	-	8,616

O&M Impacts: NA

** Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	19,352	21,279	17,933	10,829	11,628	14,567	7,523	9,575	112,685
Total:	19,352	21,279	17,933	10,829	11,628	14,567	7,523	9,575	112,685
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	19,352	21,279	17,933	10,829	11,628	14,567	7,523	9,575	112,685
Total:	19,352	21,279	17,933	10,829	11,628	14,567	7,523	9,575	112,685

O&M Impacts: NA

** Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	11,644	12,107	12,113	12,118	12,124	12,130	13,246	85,482
Total:	-	11,644	12,107	12,113	12,118	12,124	12,130	13,246	85,482
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	11,644	12,107	12,113	12,118	12,124	12,130	13,246	85,482
Total:	-	11,644	12,107	12,113	12,118	12,124	12,130	13,246	85,482

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	664	72	69	138	31	32	41	60	1,109
Total:	664	72	69	138	31	32	41	60	1,109
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	664	72	69	138	31	32	41	60	1,109
Total:	664	72	69	138	31	32	41	60	1,109

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	87,110	23,305	9,556	8,690	9,190	10,648	10,700	10,700	169,898
Total:	87,110	23,305	9,556	8,690	9,190	10,648	10,700	10,700	169,898
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	87,110	23,305	9,556	8,690	9,190	10,648	10,700	10,700	169,898
Total:	87,110	23,305	9,556	8,690	9,190	10,648	10,700	10,700	169,898

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	4,428	-	628	629	100	245	232	651	6,912
Total:	4,428	-	628	629	100	245	232	651	6,912
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	4,428	-	628	629	100	245	232	651	6,912
Total:	4,428	-	628	629	100	245	232	651	6,912

O&M Impacts: NA

* Funds 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:	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 is for the investigation of contamination and remediation, if necessary, of property that the utility is targeting for disposal.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	2,221	3,524	357	365	383	377	383	383	7,994
Total:	2,221	3,524	357	365	383	377	383	383	7,994
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	2,221	3,524	357	365	383	377	383	383	7,994
Total:	2,221	3,524	357	365	383	377	383	383	7,994

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	18,182	1,970	3,776	3,808	2,955	3,766	3,284	3,228	40,968
Total:	18,182	1,970	3,776	3,808	2,955	3,766	3,284	3,228	40,968
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	18,182	1,970	3,776	3,808	2,955	3,766	3,284	3,228	40,968
Total:	18,182	1,970	3,776	3,808	2,955	3,766	3,284	3,228	40,968

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	268	143	145	146	148	149	149	1,148
Total:	-	268	143	145	146	148	149	149	1,148
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	268	143	145	146	148	149	149	1,148
Total:	-	268	143	145	146	148	149	149	1,148

O&M Impacts:

* Funds 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 - 2023	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	382	2,852	-	-	-	-	-	-	3,235
Total:	382	2,852	-	-	-	-	-	-	3,235
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	382	2,852	-	-	-	-	-	-	3,235
Total:	382	2,852	-	-	-	-	-	-	3,235

O&M Impacts: NA

* Funds 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 - 2022	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$2,167	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	2,148	19	-	-	-	-	-	-	2,167
Total:	2,148	19	-	-	-	-	-	-	2,167
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	2,148	19	-	-	-	-	-	-	2,167
Total:	2,148	19	-	-	-	-	-	-	2,167

O&M Impacts: NA

* Funds 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 2 - Initiation, Project Definition, & Planning	Council District:	Outside City of Seattle
Start/End Date:	2021 - 2027	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$17,747	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	41	180	1,281	4,879	6,190	5,139	38	-	17,747
Total:	41	180	1,281	4,879	6,190	5,139	38	-	17,747
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	41	180	1,281	4,879	6,190	5,139	38	-	17,747
Total:	41	180	1,281	4,879	6,190	5,139	38	-	17,747

O&M Impacts: NA

* Funds 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 - 2028	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$28,994	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	-	48	534	1,020	7,275	8,142	11,975	28,994
Total:	-	-	48	534	1,020	7,275	8,142	11,975	28,994
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	-	48	534	1,020	7,275	8,142	11,975	28,994
Total:	-	-	48	534	1,020	7,275	8,142	11,975	28,994

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	1,719	3,195	3,291	3,389	3,491	3,596	3,668	22,349
Total:	-	1,719	3,195	3,291	3,389	3,491	3,596	3,668	22,349
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	1,719	3,195	3,291	3,389	3,491	3,596	3,668	22,349
Total:	-	1,719	3,195	3,291	3,389	3,491	3,596	3,668	22,349

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	2,640	161	192	-	-	-	-	-	2,993
Total:	2,640	161	192	-	-	-	-	-	2,993
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	2,640	161	192	-	-	-	-	-	2,993
Total:	2,640	161	192	-	-	-	-	-	2,993

O&M Impacts: NA

** Funds 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:	2022 - 2028	Neighborhood District:	Magnolia/Queen Anne
Total Project Cost:	\$695	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	98	86	88	89	111	114	109	695
Total:	-	98	86	88	89	111	114	109	695
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	98	86	88	89	111	114	109	695
Total:	-	98	86	88	89	111	114	109	695

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	9	95	98	98	98	98	-	-	494
Total:	9	95	98	98	98	98	-	-	494
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	9	95	98	98	98	98	-	-	494
Total:	9	95	98	98	98	98	-	-	494

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	165	1,351	651	657	651	848	637	689	5,649
Total:	165	1,351	651	657	651	848	637	689	5,649
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	165	1,351	651	657	651	848	637	689	5,649
Total:	165	1,351	651	657	651	848	637	689	5,649

O&M Impacts: NA

* Funds 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:	Ongoing	BSL Name:	Power Supply - CIP
Project Category:	Rehabilitation or Restoration	Location:	Boundary, Skagit and Cedar Falls power facilities
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 installation of new remote temperature monitoring equipment at the Boundary, Skagit, and Cedar Falls power facilities.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	276	1,090	577	748	770	558	-	-	4,019
Total:	276	1,090	577	748	770	558	-	-	4,019
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	276	1,090	577	748	770	558	-	-	4,019
Total:	276	1,090	577	748	770	558	-	-	4,019

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	37,236	3,381	5,018	5,329	5,189	5,284	5,385	5,492	72,313
Total:	37,236	3,381	5,018	5,329	5,189	5,284	5,385	5,492	72,313
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	37,236	3,381	5,018	5,329	5,189	5,284	5,385	5,492	72,313
Total:	37,236	3,381	5,018	5,329	5,189	5,284	5,385	5,492	72,313

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	1,266	2,641	270	-	-	-	-	-	4,178
Total:	1,266	2,641	270	-	-	-	-	-	4,178
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	1,266	2,641	270	-	-	-	-	-	4,178
Total:	1,266	2,641	270	-	-	-	-	-	4,178

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	27,996	4,522	3,000	3,000	3,000	3,000	3,000	3,000	50,518
Total:	27,996	4,522	3,000	3,000	3,000	3,000	3,000	3,000	50,518
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	27,996	4,522	3,000	3,000	3,000	3,000	3,000	3,000	50,518
Total:	27,996	4,522	3,000	3,000	3,000	3,000	3,000	3,000	50,518

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	800	2,000	2,000	2,000	7,000	4,000	4,000	21,800
Total:	-	800	2,000	2,000	2,000	7,000	4,000	4,000	21,800
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	800	2,000	2,000	2,000	7,000	4,000	4,000	21,800
Total:	-	800	2,000	2,000	2,000	7,000	4,000	4,000	21,800

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	43,173	3,520	3,359	3,404	3,341	4,176	3,649	3,642	68,264
Total:	43,173	3,520	3,359	3,404	3,341	4,176	3,649	3,642	68,264
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	43,173	3,520	3,359	3,404	3,341	4,176	3,649	3,642	68,264
Total:	43,173	3,520	3,359	3,404	3,341	4,176	3,649	3,642	68,264

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	209,000	25,863	22,147	22,707	23,202	20,851	21,228	26,635	371,632
Total:	209,000	25,863	22,147	22,707	23,202	20,851	21,228	26,635	371,632
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	209,000	25,863	22,147	22,707	23,202	20,851	21,228	26,635	371,632
Total:	209,000	25,863	22,147	22,707	23,202	20,851	21,228	26,635	371,632

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	52,303	7,431	4,120	4,151	4,225	4,303	4,687	4,744	85,963
Total:	52,303	7,431	4,120	4,151	4,225	4,303	4,687	4,744	85,963
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	52,303	7,431	4,120	4,151	4,225	4,303	4,687	4,744	85,963
Total:	52,303	7,431	4,120	4,151	4,225	4,303	4,687	4,744	85,963

O&M Impacts: NA

* Funds 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 Light to meet safety and health code requirements.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	13,397	270	-	-	-	-	-	-	13,667
Total:	13,397	270	-	-	-	-	-	-	13,667
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	13,397	270	-	-	-	-	-	-	13,667
Total:	13,397	270	-	-	-	-	-	-	13,667

O&M Impacts: NA

* Funds 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:	\$6,262	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	411	529	-	2,154	2,208	961	-	-	6,262
Total:	411	529	-	2,154	2,208	961	-	-	6,262
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	411	529	-	2,154	2,208	961	-	-	6,262
Total:	411	529	-	2,154	2,208	961	-	-	6,262

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	21,070	6,295	4,242	4,335	4,409	4,613	4,804	5,023	54,790
Total:	21,070	6,295	4,242	4,335	4,409	4,613	4,804	5,023	54,790
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	21,070	6,295	4,242	4,335	4,409	4,613	4,804	5,023	54,790
Total:	21,070	6,295	4,242	4,335	4,409	4,613	4,804	5,023	54,790

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	113,614	9,181	9,320	9,599	10,080	10,308	10,604	10,988	183,694
Total:	113,614	9,181	9,320	9,599	10,080	10,308	10,604	10,988	183,694
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	113,614	9,181	9,320	9,599	10,080	10,308	10,604	10,988	183,694
Total:	113,614	9,181	9,320	9,599	10,080	10,308	10,604	10,988	183,694

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	72,691	8,603	7,964	6,255	8,521	4,133	4,435	8,935	121,538
Total:	72,691	8,603	7,964	6,255	8,521	4,133	4,435	8,935	121,538
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	72,691	8,603	7,964	6,255	8,521	4,133	4,435	8,935	121,538
Total:	72,691	8,603	7,964	6,255	8,521	4,133	4,435	8,935	121,538

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	8,155	550	644	645	658	715	724	724	12,816
Total:	8,155	550	644	645	658	715	724	724	12,816
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	8,155	550	644	645	658	715	724	724	12,816
Total:	8,155	550	644	645	658	715	724	724	12,816

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	42,117	2,853	1,921	1,946	1,968	2,444	2,445	3,058	58,752
Total:	42,117	2,853	1,921	1,946	1,968	2,444	2,445	3,058	58,752
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	42,117	2,853	1,921	1,946	1,968	2,444	2,445	3,058	58,752
Total:	42,117	2,853	1,921	1,946	1,968	2,444	2,445	3,058	58,752

O&M Impacts: NA

* Funds 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:	\$69,430	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	65,029	4,402	-	-	-	-	-	-	69,430
Total:	65,029	4,402	-	-	-	-	-	-	69,430
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	65,029	4,402	-	-	-	-	-	-	69,430
Total:	65,029	4,402	-	-	-	-	-	-	69,430

O&M Impacts: NA

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

New Technology

Project No:	MC-CL-ZF9980	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:	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 new technologies outlined in the Utility Technology Roadmap. In 2021, City Light went through a thorough process to develop a comprehensive Utility Technology Roadmap. The outcome outlined all the major needs to support the strategic focus for improve customer engagement and experience through improved processes and relationship management, establish foundational technology for the modernization of the grid, and improving operational technology within a seven-year period.

O&M Impacts:

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 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2011 - 2028	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$7,009	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	5,933	-	-	-	-	352	370	353	7,009
Total:	5,933	-	-	-	-	352	370	353	7,009
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	5,933	-	-	-	-	352	370	353	7,009
Total:	5,933	-	-	-	-	352	370	353	7,009

O&M Impacts: NA

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

Newhalem Creek Hydroelectric Project Decommissioning

Project No:	MC-CL-XS6307	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 1 - Pre-Project Development	Council District:	Outside City of Seattle
Start/End Date:	2023 - 2028	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$18,043	Urban Village:	Not in an Urban Village

This project funds the decommissioning of the Newhalem Creek Hydroelectric Project. This project comprises coordination with the Federal Energy Regulatory Commission (FERC) and intervenors in the process to surrender the license for the Newhalem Creek Hydroelectric Project, as well the planning, design, and decommissioning of the facilities.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	-	1,994	1,760	13,676	281	121	209	18,043
Total:	-	-	1,994	1,760	13,676	281	121	209	18,043
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	-	1,994	1,760	13,676	281	121	209	18,043
Total:	-	-	1,994	1,760	13,676	281	121	209	18,043

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	19,856	2,959	1,185	1,205	1,224	1,244	1,266	1,288	30,227
Total:	19,856	2,959	1,185	1,205	1,224	1,244	1,266	1,288	30,227
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	19,856	2,959	1,185	1,205	1,224	1,244	1,266	1,288	30,227
Total:	19,856	2,959	1,185	1,205	1,224	1,244	1,266	1,288	30,227

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	3,928	15,447	8,865	7,719	765	762	962	661	39,109
Total:	3,928	15,447	8,865	7,719	765	762	962	661	39,109
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	3,928	15,447	8,865	7,719	765	762	962	661	39,109
Total:	3,928	15,447	8,865	7,719	765	762	962	661	39,109

O&M Impacts: NA

* Funds 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:		Council District:	Multiple
Start/End Date:	2017 - 2023	Neighborhood District:	Multiple
Total Project Cost:		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. This project was transferred to MC-CL-YD9969 Software Replacement Strategy under a separate detail project.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	628	-	-	-	-	-	-	-	628
Total:	628	-	-	-	-	-	-	-	628
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	628	-	-	-	-	-	-	-	628
Total:	628	-	-	-	-	-	-	-	628

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	18,521	1,359	819	1,458	1,677	1,783	2,091	2,144	29,852
Total:	18,521	1,359	819	1,458	1,677	1,783	2,091	2,144	29,852
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	18,521	1,359	819	1,458	1,677	1,783	2,091	2,144	29,852
Total:	18,521	1,359	819	1,458	1,677	1,783	2,091	2,144	29,852

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	26,779	3,246	17,968	14,323	11,432	6,883	6,774	7,015	94,419
Total:	26,779	3,246	17,968	14,323	11,432	6,883	6,774	7,015	94,419
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	26,779	3,246	17,968	14,323	11,432	6,883	6,774	7,015	94,419
Total:	26,779	3,246	17,968	14,323	11,432	6,883	6,774	7,015	94,419

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	56,289	4,272	2,498	3,291	3,944	4,570	5,220	5,941	86,027
Total:	56,289	4,272	2,498	3,291	3,944	4,570	5,220	5,941	86,027
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	56,289	4,272	2,498	3,291	3,944	4,570	5,220	5,941	86,027
Total:	56,289	4,272	2,498	3,291	3,944	4,570	5,220	5,941	86,027

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	197,629	50,898	52,311	51,046	52,373	53,149	53,979	39,747	551,132
Total:	197,629	50,898	52,311	51,046	52,373	53,149	53,979	39,747	551,132
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	197,629	50,898	52,311	51,046	52,373	53,149	53,979	39,747	551,132
Total:	197,629	50,898	52,311	51,046	52,373	53,149	53,979	39,747	551,132

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	3,946	1,047	1,135	1,155	1,174	1,195	1,217	1,240	12,110
Total:	3,946	1,047	1,135	1,155	1,174	1,195	1,217	1,240	12,110
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	3,946	1,047	1,135	1,155	1,174	1,195	1,217	1,240	12,110
Total:	3,946	1,047	1,135	1,155	1,174	1,195	1,217	1,240	12,110

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	47,097	2,807	2,969	3,362	3,767	4,187	4,625	5,081	73,896
Total:	47,097	2,807	2,969	3,362	3,767	4,187	4,625	5,081	73,896
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	47,097	2,807	2,969	3,362	3,767	4,187	4,625	5,081	73,896
Total:	47,097	2,807	2,969	3,362	3,767	4,187	4,625	5,081	73,896

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	300	210	215	-	-	-	-	726
Total:	-	300	210	215	-	-	-	-	726
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	300	210	215	-	-	-	-	726
Total:	-	300	210	215	-	-	-	-	726

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	75,638	21,401	17,064	17,209	17,186	17,509	17,485	17,556	201,049
Total:	75,638	21,401	17,064	17,209	17,186	17,509	17,485	17,556	201,049
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	75,638	21,401	17,064	17,209	17,186	17,509	17,485	17,556	201,049
Total:	75,638	21,401	17,064	17,209	17,186	17,509	17,485	17,556	201,049

O&M Impacts: NA

* Funds 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:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This project provides the infrastructure required to install the basic control network and integrate existing, major control systems for a Skagit wide network controls program, to be located at each of the Skagit facilities. This project improves monitoring and control of the Skagit facilities, reduces maintenance and potential outages, and reduces cost and time of maintenance and outages. This project incorporates features that lead to enhanced data acquisition that is part of the NERC requirements.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	8,730	743	169	648	690	306	569	582	12,437
Total:	8,730	743	169	648	690	306	569	582	12,437
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	8,730	743	169	648	690	306	569	582	12,437
Total:	8,730	743	169	648	690	306	569	582	12,437

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	2,796	1,764	-	-	-	-	-	-	4,560
Total:	2,796	1,764	-	-	-	-	-	-	4,560
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	2,796	1,764	-	-	-	-	-	-	4,560
Total:	2,796	1,764	-	-	-	-	-	-	4,560

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	53,993	6,732	5,471	5,343	5,439	5,534	6,276	6,548	95,336
Total:	53,993	6,732	5,471	5,343	5,439	5,534	6,276	6,548	95,336
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	53,993	6,732	5,471	5,343	5,439	5,534	6,276	6,548	95,336
Total:	53,993	6,732	5,471	5,343	5,439	5,534	6,276	6,548	95,336

O&M Impacts: NA

* Funds 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:	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 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	546	11	4	4	4	4	1	1	574
Total:	546	11	4	4	4	4	1	1	574
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	546	11	4	4	4	4	1	1	574
Total:	546	11	4	4	4	4	1	1	574

O&M Impacts: NA

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

Ross - 480V AC Station Service Switchgear Replacement

Project No:	MC-CL-XS6580	BSL Code:	BC-CL-X
Project Type:	Ongoing	BSL Name:	Power Supply - CIP
Project Category:	Improved Facility	Location:	Ross Powerhouse
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Outside City of Seattle

This project funds the mitigation of safety hazards at the Ross switchyard by replacing all 480kV circuit breakers with new breakers that allow for remote operation. Policy changes and regulations related to electrical Arc Flash hazards have highlighted safety issues related to this equipment. This project proposes to upgrade and modernize all of the existing 240V and 480V main breakers for all station service switchgear at three powerhouses (Gorge, Diablo, and Ross) at our Skagit Hydro Project.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	6	-	-	-	-	-	-	-	6
Total:	6	-	-	-	-	-	-	-	6
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	6	-	-	-	-	-	-	-	6
Total:	6	-	-	-	-	-	-	-	6

O&M Impacts: NA

* Funds 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 - 2025	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$3,533	Urban Village:	Outside City of Seattle

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

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	33	219	1,487	1,634	161	-	-	-	3,533
Total:	33	219	1,487	1,634	161	-	-	-	3,533
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	33	219	1,487	1,634	161	-	-	-	3,533
Total:	33	219	1,487	1,634	161	-	-	-	3,533

O&M Impacts: NA

* Funds 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 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2015 - 2022	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$7,738	Urban Village:	Outside City of Seattle

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

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	6,903	834	-	-	-	-	-	-	7,738
Total:	6,903	834	-	-	-	-	-	-	7,738
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	6,903	834	-	-	-	-	-	-	7,738
Total:	6,903	834	-	-	-	-	-	-	7,738

O&M Impacts: NA

* Funds 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 4 - Procurement/Bid	Council District:	Outside City of Seattle
Start/End Date:	2005 - 2028	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$17,892	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	5,095	620	103	3,156	2,624	740	3,278	2,276	17,892
Total:	5,095	620	103	3,156	2,624	740	3,278	2,276	17,892
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	5,095	620	103	3,156	2,624	740	3,278	2,276	17,892
Total:	5,095	620	103	3,156	2,624	740	3,278	2,276	17,892

O&M Impacts: NA

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

Ross Powerhouse - Programmable Language Controller Upgrade

Project No:	MC-CL-XS6376	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply - CIP
Project Category:	Rehabilitation or Restoration	Location:	Milepost 128 State Highway 20
Current Project Stage:	Stage 6 - Closeout	Council District:	Outside City of Seattle
Start/End Date:	2008 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$95	Urban Village:	Not in an Urban Village

This project replaces the five Ross Dam Powerhouse Programmable Logic Controllers (PLC). There is one PLC for each of the four generator units, and a fifth PLC monitoring other critical powerhouse equipment. The project improves City Light's ability to make programming enhancements commensurate with operational and regulatory needs, assures comprehensive and correct documentation, and delivers a 24VDC system that eliminates the need of LOTO (Lock-Out/Tag-Out) safety procedures. It provides redundancy, which yields the ability to perform remote start-stop and other control functions of the generators.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	95	-	-	-	-	-	-	-	95
Total:	95	-	-	-	-	-	-	-	95
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	95	-	-	-	-	-	-	-	95
Total:	95	-	-	-	-	-	-	-	95

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	5,654	1,701	707	708	708	719	896	758	11,850
Total:	5,654	1,701	707	708	708	719	896	758	11,850
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	5,654	1,701	707	708	708	719	896	758	11,850
Total:	5,654	1,701	707	708	708	719	896	758	11,850

O&M Impacts: NA

* Funds 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 6 - Closeout	Council District:	Council District 7
Start/End Date:	2017 - 2023	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	2,634	10,570	-	-	-	-	-	-	13,204
Total:	2,634	10,570	-	-	-	-	-	-	13,204
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	2,634	10,570	-	-	-	-	-	-	13,204
Total:	2,634	10,570	-	-	-	-	-	-	13,204

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	31,894	6,634	1,414	1,406	1,406	1,994	2,574	2,000	49,322
Total:	31,894	6,634	1,414	1,406	1,406	1,994	2,574	2,000	49,322
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	31,894	6,634	1,414	1,406	1,406	1,994	2,574	2,000	49,322
Total:	31,894	6,634	1,414	1,406	1,406	1,994	2,574	2,000	49,322

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	10,506	70	1,006	905	865	910	1,152	982	16,398
Total:	10,506	70	1,006	905	865	910	1,152	982	16,398
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	10,506	70	1,006	905	865	910	1,152	982	16,398
Total:	10,506	70	1,006	905	865	910	1,152	982	16,398

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	15,104	5,514	100	201	201	206	258	196	21,780
Total:	15,104	5,514	100	201	201	206	258	196	21,780
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	15,104	5,514	100	201	201	206	258	196	21,780
Total:	15,104	5,514	100	201	201	206	258	196	21,780

O&M Impacts: NA

* Funds 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:	\$1,130	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	263	1	-	-	-	125	573	169	1,130
Total:	263	1	-	-	-	125	573	169	1,130
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	263	1	-	-	-	125	573	169	1,130
Total:	263	1	-	-	-	125	573	169	1,130

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	4,032	1,279	397	65	593	-	-	-	6,366
Total:	4,032	1,279	397	65	593	-	-	-	6,366
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	4,032	1,279	397	65	593	-	-	-	6,366
Total:	4,032	1,279	397	65	593	-	-	-	6,366

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	3,917	425	81	-	753	1,377	-	-	6,553
Total:	3,917	425	81	-	753	1,377	-	-	6,553
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	3,917	425	81	-	753	1,377	-	-	6,553
Total:	3,917	425	81	-	753	1,377	-	-	6,553

O&M Impacts: NA

** Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	24,107	47,524	9,056	3,590	3,591	1,089	-	-	88,957
Total:	24,107	47,524	9,056	3,590	3,591	1,089	-	-	88,957
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	24,107	47,524	9,056	3,590	3,591	1,089	-	-	88,957
Total:	24,107	47,524	9,056	3,590	3,591	1,089	-	-	88,957

O&M Impacts: NA

* Funds 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 3 - Design	Council District:	Outside City of Seattle
Start/End Date:	2015 - 2026	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$5,737	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	4,979	11	-	98	605	44	-	-	5,737
Total:	4,979	11	-	98	605	44	-	-	5,737
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	4,979	11	-	98	605	44	-	-	5,737
Total:	4,979	11	-	98	605	44	-	-	5,737

O&M Impacts: NA

* Funds 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:	N/A	Neighborhood District:	Outside City of Seattle
Total Project Cost:	N/A	Urban Village:	Outside City of Seattle

This project implements a comprehensive facility plan to optimize buildings and structures at two Skagit town sites. The project preserves essential facilities that support SCL's power production needs, and retains important civic, cultural, and historic features in keeping with the historic preservation requirements of the Skagit FERC Licensing agreement. The project will reduce operational costs by dismantling and removing surplus facilities that require significant on-going maintenance.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	4,820	2,245	4,574	39	-	-	-	-	11,678
Total:	4,820	2,245	4,574	39	-	-	-	-	11,678
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	4,820	2,245	4,574	39	-	-	-	-	11,678
Total:	4,820	2,245	4,574	39	-	-	-	-	11,678

O&M Impacts: NA

* Funds 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:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This project upgrades and replaces several facilities that support power generation at the Skagit including a new security office, employee housing, upgraded maintenance shops and emergency facilities.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	76	106	45	581	551	1,657	2,984	2,002	8,003
Total:	76	106	45	581	551	1,657	2,984	2,002	8,003
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	76	106	45	581	551	1,657	2,984	2,002	8,003
Total:	76	106	45	581	551	1,657	2,984	2,002	8,003

O&M Impacts: NA

* Funds 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, and smaller scheduled projects.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	40,597	7,029	10,283	6,063	6,390	5,178	8,773	5,017	89,331
Total:	40,597	7,029	10,283	6,063	6,390	5,178	8,773	5,017	89,331
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	40,597	7,029	10,283	6,063	6,390	5,178	8,773	5,017	89,331
Total:	40,597	7,029	10,283	6,063	6,390	5,178	8,773	5,017	89,331

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	771	11	117	1,448	94	-	-	-	2,442
Total:	771	11	117	1,448	94	-	-	-	2,442
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	771	11	117	1,448	94	-	-	-	2,442
Total:	771	11	117	1,448	94	-	-	-	2,442

O&M Impacts: NA

** Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	3,270	3,456	3,489	3,520	3,550	3,581	-	20,866
Total:	-	3,270	3,456	3,489	3,520	3,550	3,581	-	20,866
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	3,270	3,456	3,489	3,520	3,550	3,581	-	20,866
Total:	-	3,270	3,456	3,489	3,520	3,550	3,581	-	20,866

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	4,236	509	84	131	64	62	59	50	5,195
Total:	4,236	509	84	131	64	62	59	50	5,195
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	4,236	509	84	131	64	62	59	50	5,195
Total:	4,236	509	84	131	64	62	59	50	5,195

O&M Impacts: NA

** Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	9,074	329	13	480	1,566	1,160	-	-	12,624
Total:	9,074	329	13	480	1,566	1,160	-	-	12,624
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	9,074	329	13	480	1,566	1,160	-	-	12,624
Total:	9,074	329	13	480	1,566	1,160	-	-	12,624

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	93,747	10,031	7,653	7,839	7,930	8,027	8,129	8,238	151,594
Total:	93,747	10,031	7,653	7,839	7,930	8,027	8,129	8,238	151,594
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	93,747	10,031	7,653	7,839	7,930	8,027	8,129	8,238	151,594
Total:	93,747	10,031	7,653	7,839	7,930	8,027	8,129	8,238	151,594

O&M Impacts: NA

* Funds 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 - 2023	Neighborhood District:	Outside City of Seattle
Total Project Cost:	\$145	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	114	31	-	-	-	-	-	145
Total:	-	114	31	-	-	-	-	-	145
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	114	31	-	-	-	-	-	145
Total:	-	114	31	-	-	-	-	-	145

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	3,099	2,048	-	-	-	-	-	-	5,148
Total:	3,099	2,048	-	-	-	-	-	-	5,148
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	3,099	2,048	-	-	-	-	-	-	5,148
Total:	3,099	2,048	-	-	-	-	-	-	5,148

O&M Impacts: NA

* Funds 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 6 - Closeout	Council District:	Multiple
Start/End Date:	2017 - 2021	Neighborhood District:	Multiple
Total Project Cost:	\$617	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	617	-	-	-	-	-	-	-	617
Total:	617	-	-	-	-	-	-	-	617
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	617	-	-	-	-	-	-	-	617
Total:	617	-	-	-	-	-	-	-	617

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	86	1,191	275	510	95	200	-	-	2,356
Total:	86	1,191	275	510	95	200	-	-	2,356
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	86	1,191	275	510	95	200	-	-	2,356
Total:	86	1,191	275	510	95	200	-	-	2,356

O&M Impacts: NA

* Funds 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.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	8,800	4,402	670	-	3	-	-	-	13,875
Total:	8,800	4,402	670	-	3	-	-	-	13,875
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	8,800	4,402	670	-	3	-	-	-	13,875
Total:	8,800	4,402	670	-	3	-	-	-	13,875

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	9,546	1,004	-	-	-	-	-	-	10,550
Total:	9,546	1,004	-	-	-	-	-	-	10,550
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	9,546	1,004	-	-	-	-	-	-	10,550
Total:	9,546	1,004	-	-	-	-	-	-	10,550

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	11,067	1,015	793	794	795	796	821	800	16,881
Total:	11,067	1,015	793	794	795	796	821	800	16,881
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	11,067	1,015	793	794	795	796	821	800	16,881
Total:	11,067	1,015	793	794	795	796	821	800	16,881

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	2,030	428	316	325	334	341	342	340	4,456
Total:	2,030	428	316	325	334	341	342	340	4,456
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	2,030	428	316	325	334	341	342	340	4,456
Total:	2,030	428	316	325	334	341	342	340	4,456

O&M Impacts: NA

* Funds 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:	\$1,007	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	853	154	-	-	-	-	-	-	1,007
Total:	853	154	-	-	-	-	-	-	1,007
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	853	154	-	-	-	-	-	-	1,007
Total:	853	154	-	-	-	-	-	-	1,007

O&M Impacts: NA

* Funds 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:	\$10,500	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	1,339	7,107	2,054	-	-	-	-	-	10,500
Total:	1,339	7,107	2,054	-	-	-	-	-	10,500
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	1,339	7,107	2,054	-	-	-	-	-	10,500
Total:	1,339	7,107	2,054	-	-	-	-	-	10,500

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	619	392	-	-	-	-	-	-	1,011
Total:	619	392	-	-	-	-	-	-	1,011
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	619	392	-	-	-	-	-	-	1,011
Total:	619	392	-	-	-	-	-	-	1,011

O&M Impacts: NA

* Funds 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 is the second-generation replacement of LED luminaires and will be deployed with a controls system to replace all cobrahead streetlights. The project is expected to achieve an additional 20% annual energy savings and prevent 2,720 metric tons of carbon from being released into the atmosphere. Included in this project will be a color temperature reduction to 3000K to improve customer reports of discomfort glare. This project continues the work originally chartered in 2009 to upgrade all City-owned streetlights to LED, which achieved an estimated annual 40% energy savings and avoided 5,446 metric tons of carbon released into the atmosphere. Since then, the LED industry has matured, and the original fixtures are no longer a benchmark of efficiency and are nearing the end of life.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	42,300	6,785	3,351	3,406	5,317	6,900	5,000	5,336	78,393
Total:	42,300	6,785	3,351	3,406	5,317	6,900	5,000	5,336	78,393
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	42,300	6,785	3,351	3,406	5,317	6,900	5,000	5,336	78,393
Total:	42,300	6,785	3,351	3,406	5,317	6,900	5,000	5,336	78,393

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	45,450	4,816	6,707	6,398	8,950	10,299	14,385	9,077	106,082
Total:	45,450	4,816	6,707	6,398	8,950	10,299	14,385	9,077	106,082
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	-	160	-	-	-	-	-	-	160
Light Fund	45,450	4,656	6,707	6,398	8,950	10,299	14,385	9,077	105,922
Total:	45,450	4,816	6,707	6,398	8,950	10,299	14,385	9,077	106,082

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	9,752	955	1,236	1,259	1,316	1,341	1,376	1,405	18,640
Total:	9,752	955	1,236	1,259	1,316	1,341	1,376	1,405	18,640
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	9,752	955	1,236	1,259	1,316	1,341	1,376	1,405	18,640
Total:	9,752	955	1,236	1,259	1,316	1,341	1,376	1,405	18,640

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	54,339	5,957	7,645	5,500	5,500	5,500	5,500	7,341	97,282
Total:	54,339	5,957	7,645	5,500	5,500	5,500	5,500	7,341	97,282
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	54,339	5,957	7,645	5,500	5,500	5,500	5,500	7,341	97,282
Total:	54,339	5,957	7,645	5,500	5,500	5,500	5,500	7,341	97,282

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	15,084	1,867	2,991	2,247	1,307	1,325	2,007	2,547	29,376
Total:	15,084	1,867	2,991	2,247	1,307	1,325	2,007	2,547	29,376
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	15,084	1,867	2,991	2,247	1,307	1,325	2,007	2,547	29,376
Total:	15,084	1,867	2,991	2,247	1,307	1,325	2,007	2,547	29,376

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	4,005	1,215	2,679	2,677	1,892	2,341	3,234	2,392	20,435
Total:	4,005	1,215	2,679	2,677	1,892	2,341	3,234	2,392	20,435
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	4,005	1,215	2,679	2,677	1,892	2,341	3,234	2,392	20,435
Total:	4,005	1,215	2,679	2,677	1,892	2,341	3,234	2,392	20,435

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	61,638	5,174	6,442	6,313	4,000	5,891	6,917	4,000	100,375
Total:	61,638	5,174	6,442	6,313	4,000	5,891	6,917	4,000	100,375
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	61,638	5,174	6,442	6,313	4,000	5,891	6,917	4,000	100,375
Total:	61,638	5,174	6,442	6,313	4,000	5,891	6,917	4,000	100,375

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	9,551	1,462	1,065	1,020	1,074	814	1,080	1,172	17,237
Total:	9,551	1,462	1,065	1,020	1,074	814	1,080	1,172	17,237
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	9,551	1,462	1,065	1,020	1,074	814	1,080	1,172	17,237
Total:	9,551	1,462	1,065	1,020	1,074	814	1,080	1,172	17,237

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	13,768	11,664	2,920	2,979	3,423	3,362	6,657	6,773	51,545
Total:	13,768	11,664	2,920	2,979	3,423	3,362	6,657	6,773	51,545
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	13,768	11,664	2,920	2,979	3,423	3,362	6,657	6,773	51,545
Total:	13,768	11,664	2,920	2,979	3,423	3,362	6,657	6,773	51,545

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	525	5	2	2	2	2	2	1	540
Total:	525	5	2	2	2	2	2	1	540
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	525	5	2	2	2	2	2	1	540
Total:	525	5	2	2	2	2	2	1	540

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	104	154	385	246	250	255	349	356	2,102
Total:	104	154	385	246	250	255	349	356	2,102
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	104	154	385	246	250	255	349	356	2,102
Total:	104	154	385	246	250	255	349	356	2,102

O&M Impacts: NA

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

System Control Center System Map Board Replacement

Project No:	MC-CL-ZF9985	BSL Code:	BC-CL-Z
Project Type:	Discrete	BSL Name:	Customer Focused - CIP
Project Category:	New Investment	Location:	System Control Center
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Multiple
Start/End Date:	2023 - 2025	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$2,500	Urban Village:	Not in an Urban Village

This project funds the update to the existing system map board in the System Control Center (SCC). Currently, the SCC has a manual system map board that is no longer supported by the vendor, is outdated, and failing. Replacement parts are no longer available. The current map board was created in 1995 and is well beyond its service life. This equipment is a critical tool for the SCC to monitor the electric transmission and distribution systems while making decisions that impact the safety of our employees, the public, and our infrastructure. The benefits from updating to an electronic map board are substantial and will enable a significant reduction in the potential for human error. A modern map board is updated digitally and provides real-time updates generated from our Energy Management System (EMS).

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	-	500	1,000	1,000	-	-	-	2,500
Total:	-	-	500	1,000	1,000	-	-	-	2,500
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	-	500	1,000	1,000	-	-	-	2,500
Total:	-	-	500	1,000	1,000	-	-	-	2,500

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	110	1,596	1,843	1,897	6,147	6,274	3,445	3,661	24,972
Total:	110	1,596	1,843	1,897	6,147	6,274	3,445	3,661	24,972
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	110	1,596	1,843	1,897	6,147	6,274	3,445	3,661	24,972
Total:	110	1,596	1,843	1,897	6,147	6,274	3,445	3,661	24,972

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	12,471	1,995	780	730	663	591	832	942	19,004
Total:	12,471	1,995	780	730	663	591	832	942	19,004
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	12,471	1,995	780	730	663	591	832	942	19,004
Total:	12,471	1,995	780	730	663	591	832	942	19,004

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	5,215	24	40	17	18	19	24	25	5,382
Total:	5,215	24	40	17	18	19	24	25	5,382
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	5,215	24	40	17	18	19	24	25	5,382
Total:	5,215	24	40	17	18	19	24	25	5,382

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	3,578	567	639	626	641	673	775	-	7,499
Total:	3,578	567	639	626	641	673	775	-	7,499
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	3,578	567	639	626	641	673	775	-	7,499
Total:	3,578	567	639	626	641	673	775	-	7,499

O&M Impacts: NA

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

Transmission Line Inductor Installation

Project No:	MC-CL-YT8461	BSL Code:	BC-CL-Y
Project Type:	Discrete	BSL Name:	Transmission and Distribution - CIP
Project Category:	Rehabilitation or Restoration	Location:	System wide
Current Project Stage:	Stage 5 - Construction	Council District:	Citywide
Start/End Date:	2015 - 2023	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$37,666	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	22,630	15,036	-	-	-	-	-	-	37,666
Total:	22,630	15,036	-	-	-	-	-	-	37,666
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	22,630	15,036	-	-	-	-	-	-	37,666
Total:	22,630	15,036	-	-	-	-	-	-	37,666

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	32,810	1,667	4,080	2,196	2,100	2,100	2,100	3,477	50,530
Total:	32,810	1,667	4,080	2,196	2,100	2,100	2,100	3,477	50,530
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	32,810	1,667	4,080	2,196	2,100	2,100	2,100	3,477	50,530
Total:	32,810	1,667	4,080	2,196	2,100	2,100	2,100	3,477	50,530

O&M Impacts: NA

* Funds 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 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.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	64	2,300	3,795	3,795	3,794	3,795	3,795	3,795	25,134
Total:	64	2,300	3,795	3,795	3,794	3,795	3,795	3,795	25,134
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	64	2,300	3,795	3,795	3,794	3,795	3,795	3,795	25,134
Total:	64	2,300	3,795	3,795	3,794	3,795	3,795	3,795	25,134

O&M Impacts:

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	32	9,078	5,006	7,856	7,506	6,249	5,250	5,126	46,105
Total:	32	9,078	5,006	7,856	7,506	6,249	5,250	5,126	46,105
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	32	9,078	5,006	7,856	7,506	6,249	5,250	5,126	46,105
Total:	32	9,078	5,006	7,856	7,506	6,249	5,250	5,126	46,105

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	27,271	7,370	5,458	5,601	5,964	6,134	7,296	7,000	72,095
Total:	27,271	7,370	5,458	5,601	5,964	6,134	7,296	7,000	72,095
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	27,271	7,370	5,458	5,601	5,964	6,134	7,296	7,000	72,095
Total:	27,271	7,370	5,458	5,601	5,964	6,134	7,296	7,000	72,095

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	10,207	1,216	1,021	1,000	1,000	1,000	1,000	5,097	21,541
Total:	10,207	1,216	1,021	1,000	1,000	1,000	1,000	5,097	21,541
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	10,207	1,216	1,021	1,000	1,000	1,000	1,000	5,097	21,541
Total:	10,207	1,216	1,021	1,000	1,000	1,000	1,000	5,097	21,541

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	54,890	8,031	3,321	3,375	3,440	3,498	3,560	3,626	83,741
Total:	54,890	8,031	3,321	3,375	3,440	3,498	3,560	3,626	83,741
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	54,890	8,031	3,321	3,375	3,440	3,498	3,560	3,626	83,741
Total:	54,890	8,031	3,321	3,375	3,440	3,498	3,560	3,626	83,741

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	98,038	17,688	22,777	25,806	24,520	24,424	25,537	25,234	264,025
Total:	98,038	17,688	22,777	25,806	24,520	24,424	25,537	25,234	264,025
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	98,038	17,688	22,777	25,806	24,520	24,424	25,537	25,234	264,025
Total:	98,038	17,688	22,777	25,806	24,520	24,424	25,537	25,234	264,025

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	22,648	1,489	1,447	1,473	1,498	1,525	1,554	1,585	33,221
Total:	22,648	1,489	1,447	1,473	1,498	1,525	1,554	1,585	33,221
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	22,648	1,489	1,447	1,473	1,498	1,525	1,554	1,585	33,221
Total:	22,648	1,489	1,447	1,473	1,498	1,525	1,554	1,585	33,221

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	56,515	3,201	2,739	2,785	2,831	2,881	2,933	2,989	76,874
Total:	56,515	3,201	2,739	2,785	2,831	2,881	2,933	2,989	76,874
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	56,515	3,201	2,739	2,785	2,831	2,881	2,933	2,989	76,874
Total:	56,515	3,201	2,739	2,785	2,831	2,881	2,933	2,989	76,874

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	25,766	2,758	2,171	2,219	2,198	2,758	2,736	2,691	43,297
Total:	25,766	2,758	2,171	2,219	2,198	2,758	2,736	2,691	43,297
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	25,766	2,758	2,171	2,219	2,198	2,758	2,736	2,691	43,297
Total:	25,766	2,758	2,171	2,219	2,198	2,758	2,736	2,691	43,297

O&M Impacts: NA

* Funds 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:	\$35,164	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	481	1,683	6,000	12,000	10,000	5,000	-	35,164
Total:	-	481	1,683	6,000	12,000	10,000	5,000	-	35,164
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	481	1,683	6,000	12,000	10,000	5,000	-	35,164
Total:	-	481	1,683	6,000	12,000	10,000	5,000	-	35,164

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	7,873	2,897	400	407	450	458	765	774	14,021
Total:	7,873	2,897	400	407	450	458	765	774	14,021
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	7,873	2,897	400	407	450	458	765	774	14,021
Total:	7,873	2,897	400	407	450	458	765	774	14,021

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	-	1,000	3,300	3,220	5,150	4,390	3,000	3,000	23,060
Total:	-	1,000	3,300	3,220	5,150	4,390	3,000	3,000	23,060
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	-	1,000	3,300	3,220	5,150	4,390	3,000	3,000	23,060
Total:	-	1,000	3,300	3,220	5,150	4,390	3,000	3,000	23,060

O&M Impacts:

* Funds 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:	\$1,950	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	741	1,209	-	-	-	-	-	-	1,950
Total:	741	1,209	-	-	-	-	-	-	1,950
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	741	1,209	-	-	-	-	-	-	1,950
Total:	741	1,209	-	-	-	-	-	-	1,950

O&M Impacts: NA

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

Western Energy Imbalance Market

Project No:	MC-CL-XP9976	BSL Code:	BC-CL-X
Project Type:	Discrete	BSL Name:	Power Supply - CIP
Project Category:	Rehabilitation or Restoration	Location:	System Wide
Current Project Stage:	Stage 6 - Closeout	Council District:	Multiple
Start/End Date:	2017 - 2022	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	\$13,304	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	13,292	12	-	-	-	-	-	-	13,304
Total:	13,292	12	-	-	-	-	-	-	13,304
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	13,292	12	-	-	-	-	-	-	13,304
Total:	13,292	12	-	-	-	-	-	-	13,304

O&M Impacts: NA

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
City Light Fund Revenues	9,551	1,336	738	736	736	751	958	793	15,599
Total:	9,551	1,336	738	736	736	751	958	793	15,599
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Light Fund	9,551	1,336	738	736	736	751	958	793	15,599
Total:	9,551	1,336	738	736	736	751	958	793	15,599

O&M Impacts: NA

* Funds 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
- 67 Pump Stations
- 5.5 miles of wastewater force mains
- 82 City-owned and permitted Combined Sewer Overflow points
- 38 Combined Sewer Overflow control detention tanks/pipes
- 481 miles of storm drains / 591 storm drain outfalls
- 24,733 catch basins
- 65 miles of ditches, 128 miles of culverts
- 30 miles of stream channel (49 creeks, 6 of which are salmon bearing)
- 9 acres of green stormwater infrastructure
- 17 detention/treatment ponds
- 295 drainage flow control facilities
- 578 water quality structures

The Drainage and Wastewater (DWF) CIP is the vehicle for rehabilitating, replacing, improving, and expanding this infrastructure, as well as constructing projects that protect, conserve, and enhance our region's environmental resources. Planned spending in the DWF CIP is approximately \$1.3 billion over the next six years, from 2023-2028.

Thematic Priorities/Project Selection Criteria

The goal of the DWF CIP is to replace failing assets, construct new facilities that reduce the frequency of flooding and sewer backups for customers, improve water quality and habitat in the environment by reducing sewage overflows and the impacts of stormwater pollution, and provide adequate workforce facilities for our employees and equipment operations. Projects in the DWF CIP are guided by various Federal regulations, City policies, and long-term planning documents (e.g., the Plan to Protect Seattle's Waterways and asset management plans). Additional direction for SPU's capital improvement program come from our 2021-2026 Strategic Business Plan, which outlined new investments, cost savings, and a retail rate path for the six-year period and grew out of SPU's efforts to provide greater rate predictability for customers while making important investments for the future. In addition to candidate capital projects identified from these planning documents, projects are identified from external projects, opportunities, emergencies, and other unexpected events. Prioritized projects are predominantly based on the following:

- **Public Health, Safety & Environment:** The overriding priority for the DWF is maintaining public health and safety by providing or improving services to customers and decreasing our impact on the environment. Examples of highly ranked projects in this category include the Drainage Capacity program, Sanitary Sewer Overflow Capacity program, South Park Water Quality Facility, and Protection of Beneficial Uses program which includes floodplain reconnection efforts and water quality improvement projects.
- **Infrastructure Reliability & Risk:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the Pipe Rehabilitation and Pump Station improvement programs.

- **Regulatory, Mandates, Legal Agreements:** The City of Seattle/SPU must comply with State and Federal regulatory requirements including the Clean Water Act (CWA) and the Consent Decree that was entered in court on July 3, 2013, between the City, the U.S. Environmental Protection Agency (EPA), and the U.S. Department of Justice (DOJ). The two most significant regulatory drivers associated with the CWA are the National Pollutant Discharge Elimination System (NPDES) Waste Discharge Permit (aka NPDES CSO Permit) and the NPDES Phase I Municipal Stormwater Permit (aka NPDES MS4 Permit). This ranking category considers the degree to which the project is driven by Federal, State, and local laws, permit and regulatory requirements, and consent decrees, as well as by legal agreements with public and private parties and the specific mandates of the City Council and Mayor. Examples of highly ranked projects in this category include the Ship Canal Water Quality Project, CSO Retrofits, South Park Water Quality Facility, and NDS Partnering.
- **External Drivers and Opportunities:** SPU’s responsiveness to, or engagement with, the projects of other Departments or Jurisdictions, or opportunities to provide multiple benefits, address service equity, or reduce ratepayer costs through outside funding opportunities. Examples of highly ranked projects in this category include the Transportation Agency projects through SDOT’s Bridging the Gap Program and Sound Transit.

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 other 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). The need for a given projects or programs is documented in a business case document and must be approved by the SPU General Manager and Asset Management Committee or CIP Board.

DWW Priorities that are also Mayor/Council Priorities

SPU's Strategic Business Plan helps us focus our work to better meet the needs of our customers and communities. It also provides our customers with a predictable three-year rate path and projections for the subsequent three years. SPU updates the plan and adopts rate path on a three-year cycle to allow for future uncertainties and adjustments. As part of the update process, SPU conducts broad research and public engagement efforts, in addition to soliciting input by the mayor’s office and council.

The DWW priorities in the SBP are the collective priorities for SPU’s DWW line of business, and they reflect and respond to values consistently expressed by customers and community: affordability, sustainability, and equity. SPU is committed to leading with equity and working in partnership with communities and employees to create a just and sustainable future. We understand that the actions we take today have the power to transform our employees, community, environment, and economy for generations to come.

SPU’s vision for being Community Centered, One Water, and Zero Waste is as follows:

- **Community Centered:** As a community-centered utility, we must be in relationship with community. Our work must include listening and advocating for community interests. If we are successful in adopting this mindset, then our communities will come away with a strong sense of empowerment.

SPU – Drainage and Wastewater

- One Water: The challenges facing the water industry are incredibly complex and costly. We must develop multi-faceted, multi-benefit systemic solutions that recognize the value in all water resources.
- Zero Waste: We must strive for a future where we are not producing waste. This means intense recycling/reuse, reducing packaging and food waste, and adopting and seeding new ways of doing business and circular economy (e.g., deconstruction vs. demolition).

Reaching our goals requires long-range planning and strategic maneuvering. SPU’s General Manager/CEO recently highlighted near term steps to lead the organization as part of his recent confirmation. These steps include planning for a transition away from centralized treatment plants to a future where small-scale decentralized treatment plants are the norm; adopting a continuous improvement culture to deliver services efficiently and effectively with data-informed decision making, work processes, and value-added outcomes for customers; and excellent service delivery that continues to prioritize the City’s values including implementing solutions that are sustainable and resilient, which includes a growing focus on delivering more holistic, programmatic, and nature-based solutions.

CIP Highlights

2023-2028 Adopted Drainage and Wastewater Fund CIP by BCL (\$’s in ‘000s; total may not sum due to rounding)

BCL	2023	2024	2025	2026	2027	2028	Total
BC-SU-C333B - Protection of Beneficial Uses	24,531	30,405	71,713	52,679	35,927	27,520	242,775
BC-SU-C350B - Sediments	5,222	11,115	16,130	10,979	12,896	20,400	76,742
BC-SU-C360B - Combined Sewer Overflows	121,042	94,588	37,205	20,251	39,621	41,470	354,177
BC-SU-C370B - Rehabilitation	52,270	50,338	51,294	49,191	43,808	45,616	292,517
BC-SU-C380B - Flooding, Sewer Backup & Lndsl	16,681	12,657	36,340	27,568	36,732	34,168	164,146
BC-SU-C410B - Shared Cost Projects	18,076	23,535	30,003	16,163	17,713	18,737	124,227
BC-SU-C510B - Technology	7,149	4,821	4,322	4,322	4,321	4,321	29,257
Total	244,970	227,460	247,006	181,152	191,020	192,232	1,283,840

Protection of Beneficial Uses: This program makes improvements to the City’s drainage system to reduce the harmful effects of stormwater runoff on creeks and receiving water bodies and preserve the storm water conveyance function of our creeks through stream culvert repair and rehabilitation. The program includes projects to meet regulatory requirements, primarily NDS Partnering Projects (a key component of Seattle’s Plan to Protect Seattle’s Waterways) which improves water quality with GSI approaches, while also partnering with SDOT to provide mobility improvements and streetscape enhancements. The program also includes projects that are part of the SPU and Council created GSI in Urban Villages Program, helping SPU grow approaches for partnering with other agencies, developers, and community-based organization to install GSI at the lowest costs moment. Stream culvert and

floodplain storage efforts, including the Longfellow Flood Storage project, are exploring win-win partnerships with Seattle Parks and Recreation.

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 due to alleged historic contributions from Combined Sewer Overflows (CSO), storm drain discharges, and other City-owned facilities. The city continues to work with the 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, engineering design, construction of actual cleanup of contaminated sites, and liability allocation negotiations. The study phase of sediment remediation projects often requires multiple years before specific cleanup actions are defined. Current projections reflect costs associated with cleanup construction adjacent to Gasworks Park, the Duwamish Waterway Sediment Remediation, and East Waterway Remediation projects beginning in 2024 based on preliminary schedules.

Combined Sewer Overflows: This program consists of projects that are mandated by State and Federal regulations to control combined sewer overflows (CSOs) into the City's receiving waters. During heavy rainfall events, the combination of stormwater (about 90 percent of the volume) and sewage may exceed the capacity of the combined sewer system (CSS) and overflow into our waterways – causing a combined sewer overflow (CSO). CSOs spill a mixture of raw sewage and stormwater into local waterways at 85 outfalls throughout the city. These spills violate water quality standards, create unacceptable risk to public health, contaminate sediment and habitats for endangered species, and pollute the Puget Sound.

Annual CSOs have been reduced from a range of 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 approximately 100-200 million gallons per year. SPU currently does not meet regulatory mandates that limit CSOs to one untreated overflow per outfall location per year. SPU is required by State and Federal law to achieve control of CSOs by 2030. The LTCP, also called the Plan to Protect Seattle's Waterways, was approved by regulators in May 2015. Ultimately the Consent Decree requires completion of construction of all CSO reduction projects by December 2030. CSOs must be proven to be controlled one year after completion of construction. Continuing investments in CSO control will enable SPU to achieve compliance with the 2030 milestone.

Projects in the CSO Program include large infrastructure projects (e.g., storage structures, pipes, tunnels, wet weather treatment plants, stormwater separation, pump stations, etc.), smaller retrofits, construction of Green Stormwater Infrastructure (GSI) for CSO control, and development and implementation of regulatory required plans such as the Plan to Protect Seattle's Waterways. The 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.

Planning 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 \$300 million over the next six years on CSO reduction projects. The majority of this spending is associated with the SCWQP, a \$570 million joint project with King County to control CSOs into the Lake Washington Ship Canal and Salmon Bay.

Rehabilitation: This program consists of projects that repair, rehabilitate, or replace existing drainage and wastewater assets to maintain or improve current functionality levels. Assets that are addressed include:

- pump station structures, force mains, 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 bi-annually. Individual projects are defined by the type and method of rehabilitation and/or replacement including emergency rehabilitation, no-dig pipe lining rehabilitation by crews or contract, full mainline dig pipe replacement by contract, dig point pipe and structure rehabilitation by crews or contract, pump station repairs or replacement by crew or contract, and force main repairs or replacement by contract.

This Adopted Budget will include a new drainage facility master project to rehabilitate or replace water quality structures, flow control structures and large surface water facilities by crew or contractor, and a drainage pipe rehabilitation program to replace and repair drainage pipes and conveyance structures.

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's drainage and wastewater infrastructure in landslide prone areas 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 help lower the risk of exceeding the Consent Decree target of four sanitary sewer overflows per 100 miles of sewer pipe per year. Major projects in this program include the Pearl Street SSO reduction project, the 12th Avenue drainage project, and the South Park Water Quality and Pump Station project. The South Park Water Quality Facility is a regulatory commitment within the Plan to Protect Seattle's Waterways.

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

The Adopted Budget for the Shared Cost program includes budgets for a few 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 2023 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 2023, 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, the Project Delivery and Performance Program, and the IT Infrastructure Program.

With the Customer Contact and Billing Upgrade project already in place, and the Utilities Customer Self-Service Portal project’s expected completion in Q3-2022, the next major projects for SPU within the Customer Contact and Billing Program include the Unified Communications Project and the Utilities Assistance Program. Other projects slated would be the Integrated Security System project, Accela Software Implementation, Development Systems Integration Phase 2 project, and the Construction Contract Management project, along with other projects that have been deferred in previous years.

CIP Revenue Sources

The DWF CIP is financed through revenue bonds, a combination of low interest State and Federal loans, operating cash, and a small portion through capital grants or capital contributions in kind. Financial policies adopted by Council and embedded within revenue bond covenants require that non-debt sources of funds (operating cash, grants, contributions) comprise at least 25% of the portfolio over a four-year period.

For the 2023-2028 period, SPU has secured low interest SRF loans from the State Department of Ecology and WIFIA loans from the EPA to fund the majority of the Ship Canal Water Quality Project, with the balance funded through operating cash. The remaining projects will be funded through revenue bonds and operating cash. SPU will continue to seek out additional SRF and WIFIA loans where appropriate, as well as Public Works Trust Fund (PWTF) and Remedial Action Grants for sediments cleanup.

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 the Washington State Department of Ecology (DOE) - all within the financial limitations of the Fund.

The City negotiated a Consent Decree among 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 water quality treatment, detention, CSO retrofits, pipe and pump station rehabilitation, and inflow/infiltration reduction.

- 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.
- 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), floodplain reconnection (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 resulting in backups of sewage, localized flooding, and releases of untreated sewage.
- CSO and Drainage Facility Retrofits: This focuses on optimizing existing collection, pumping and storage systems, using low-cost repairs and modifications to reduce pollution to waterways and/or improve flow control benefits.
- Pipe and Pump Station Rehabilitation: This consists of repairing, rehabilitating, or replacing existing gravity sewer and drainage pipes and structures, wastewater pump stations, and/or force mains that have deficiencies or have reached the end of their useful life.
- Inflow/Infiltration Reduction: This focuses on addressing parts of the system where there are direct stormwater connections to the sanitary sewer system which can be directed to a separated stormwater system. Infiltration reduction focuses on filling in cracks in sewer lines that allow groundwater to enter the 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. Funding levels for these programs are less than needed, but unable to be increased at this time due to the demand on our budget from regulatory requirements. The separated drainage and wastewater systems are either at capacity during storm events or lacking the fundamental infrastructure at various locations across the City. The impacts can range from very serious (basement sewer back-ups) to nuisance (limited street or yard flooding) issues.

SPU – Drainage and Wastewater

- 2) **Construction Costs:** Market conditions and increasing cost of building large (drainage and wastewater) infrastructure in dense urban areas continue to put pressure on the portfolio. Additionally, the COVID-19 pandemic is ongoing, and the duration and severity of each outbreak and economic impact remain uncertain.
- 3) **Climate Change:** Increasing rainfall intensities resulting from climate change are increasing pressure on existing drainage and wastewater infrastructure leading to increased CSOs and driving the need for larger solutions and additional system improvements. SPU assets also have risks related to sea level rise along the marine shoreline of the city.
- 4) **King County Regional Treatment and Disposal rate increase impact:** In 1958, a regional sewage treatment agency, the Municipality of Metropolitan Seattle (“Metro”), was formed to provide a regional solution to water quality problems. The City, rather than expanding its own treatment facilities, entered into a contract with Metro for sewage treatment. Metro operates three major regional wastewater treatment plants, two smaller local treatment plants, and four combined sewer overflow (“CSO”) treatment facilities, along with an extensive regional interceptor system to route sewage to the plants and stop untreated discharges into Lake Washington and other bodies of water. Metro and King County (the “County”) were merged in 1994. Since then, the County has been responsible for sewage treatment and disposal and has entered into a long-term contract with local sewage agencies, including the City, which remain responsible for their own local collection and transmission lines. The County currently provides services to 37 entities, including cities (including the City), sewer districts, and others. The County finances the capital and operating costs of its sewage treatment and disposal system, including projects from the Regional Wastewater Services Plan, with capacity charges to new customers and wholesale charges to the City and other component agencies, all of which are established by the County Council pursuant to the current agreement. Currently, the City’s share of the County’s wholesale charge revenue is approximately 40%, and SPU passes this wholesale charge on to the City’s Drainage and Wastewater System ratepayers. Future County increases in rates may impact the funding allocation available for SPU services.

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, including right-of-way bioretention through the Natural Drainage System Program, and South Park water quality facility.

The city is currently engaged in planning that will identify capital and operating and maintenance needs for the Drainage and Wastewater System. The City’s Plan to Protect Seattle’s Waterways (LTCP to reduce CSO and Integrated Plan that addresses both sewage overflows and polluted stormwater runoff), which was approved by the EPA, Department of Justice, and Ecology, requires CIP investments in wastewater and stormwater projects through 2030. Supplementing in the near-term and looking beyond 2030, SPU is in the process of developing a community-centered plan to guide investments in integrated utility infrastructure for the next 50 years ([Shape Our Water Plan](#)). 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. 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	11,733	1,989	1,242	6,456	21,805	16,784	8,931	6,840	75,780
Total:	11,733	1,989	1,242	6,456	21,805	16,784	8,931	6,840	75,780
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	11,733	1,989	1,242	6,456	21,805	16,784	8,931	6,840	75,780
Total:	11,733	1,989	1,242	6,456	21,805	16,784	8,931	6,840	75,780

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.

** Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	9,321	4,158	4,152	29	-	-	-	-	17,660
Total:	9,321	4,158	4,152	29	-	-	-	-	17,660
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	9,321	4,158	4,152	29	-	-	-	-	17,660
Total:	9,321	4,158	4,152	29	-	-	-	-	17,660

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.

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

Creek Culvert Replacement Program

Project No:	MC-SU-C3314	BSL Code:	BC-SU-C333B
Project Type:	Ongoing	BSL Name:	Protection of Beneficial Uses
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing project provides for the repair and replacement of stream culverts that are part of SPU's critical drainage infrastructure. Culverts are prioritized for repair or replacement based on structural condition. Projects are then sequenced based on prioritization and other factors such as readiness to proceed, ability to address other drainage needs (e.g., flooding, maintenance), potential partnerships, synergies with other projects and availability of funding.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	6,786	2,184	1,541	1,905	14,272	9,630	4,865	4,100	45,285
Total:	6,786	2,184	1,541	1,905	14,272	9,630	4,865	4,100	45,285
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	6,786	2,184	1,541	1,905	14,272	9,630	4,865	4,100	45,285
Total:	6,786	2,184	1,541	1,905	14,272	9,630	4,865	4,100	45,285

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

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

CSO Facility Retrofit

Project No:	MC-SU-C3611	BSL Code:	BC-SU-C360B
Project Type:	Ongoing	BSL Name:	Combined Sewer Overflows
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This ongoing project retrofits, upgrades, and modifies existing Combined Sewer Overflows (CSO) reduction facilities in Seattle CSO basins. Retrofit projects cost-effectively optimize and maximize existing system operation to minimize CSOs to the greatest extent possible, reducing long term CSO storage needs. This project assists in achieving State Department of Ecology's requirement of an average of no more than one CSO event per outfall per year.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	27,428	1,117	30	10	10	10	10	10	28,625
Total:	27,428	1,117	30	10	10	10	10	10	28,625
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	27,428	1,117	30	10	10	10	10	10	28,625
Total:	27,428	1,117	30	10	10	10	10	10	28,625

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.

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

Drainage Capacity Program

Project No:	MC-SU-C3802	BSL Code:	BC-SU-C380B
Project Type:	Ongoing	BSL Name:	Flooding, Sewer Backup & Landslide
Project Category:	Improved Facility	Location:	Various
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing program provides flood control and local drainage and wastewater projects to improve system capacity or increase the existing level of service. Candidate projects are identified through DWW investigations, claims, complaints, studies, and prior planning. Drainage “spot” projects and small landslides prevention projects are also included within this program. The Localized Flood Control Program improves Drainage and Wastewater levels of service.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	24,522	2,928	4,616	5,008	9,971	11,307	11,483	10,083	79,918
Total:	24,522	2,928	4,616	5,008	9,971	11,307	11,483	10,083	79,918
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	24,522	2,928	4,616	5,008	9,971	11,307	11,483	10,083	79,918
Total:	24,522	2,928	4,616	5,008	9,971	11,307	11,483	10,083	79,918

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	1,161	2,750	3,050	3,500	5,660	5,060	3,160	2,560	26,901
Total:	1,161	2,750	3,050	3,500	5,660	5,060	3,160	2,560	26,901
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	1,161	2,750	3,050	3,500	5,660	5,060	3,160	2,560	26,901
Total:	1,161	2,750	3,050	3,500	5,660	5,060	3,160	2,560	26,901

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.

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

Future CSO Projects

Project No:	MC-SU-C3612	BSL Code:	BC-SU-C360B
Project Type:	Ongoing	BSL Name:	Combined Sewer Overflows
Project Category:	Improved Facility	Location:	N/A
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This project is for future combined sewer overflow (CSO) reduction projects that will be identified through the CSO Long-Term Control Plan (LTCP) Update. Future projects are most likely to include underground storage projects, wastewater lift station improvements, and/or wastewater conveyance system improvements. Planning for the projects began in 2018, and the projects should complete their construction by 2030.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	3,679	1,885	1,255	5,216	9,317	17,125	37,339	41,010	116,825
Total:	3,679	1,885	1,255	5,216	9,317	17,125	37,339	41,010	116,825
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	3,679	1,885	1,255	5,216	9,317	17,125	37,339	41,010	116,825
Total:	3,679	1,885	1,255	5,216	9,317	17,125	37,339	41,010	116,825

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	15,351	436	300	300	300	300	300	450	17,737
Total:	15,351	436	300	300	300	300	300	450	17,737
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	15,351	436	300	300	300	300	300	450	17,737
Total:	15,351	436	300	300	300	300	300	450	17,737

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	29,385	20,858	21,747	22,044	35,635	26,266	22,130	16,580	194,645
Total:	29,385	20,858	21,747	22,044	35,635	26,266	22,130	16,580	194,645
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	29,385	20,858	21,747	22,044	35,635	26,266	22,130	16,580	194,645
Total:	29,385	20,858	21,747	22,044	35,635	26,266	22,130	16,580	194,645

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	17,740	570	1,000	1,000	800	800	-	-	21,911
Total:	17,740	570	1,000	1,000	800	800	-	-	21,911
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	17,740	570	1,000	1,000	800	800	-	-	21,911
Total:	17,740	570	1,000	1,000	800	800	-	-	21,911

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	4,053	500	350	550	1,045	1,808	400	300	9,006
Total:	4,053	500	350	550	1,045	1,808	400	300	9,006
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	4,053	500	350	550	1,045	1,808	400	300	9,006
Total:	4,053	500	350	550	1,045	1,808	400	300	9,006

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	116,127	32,308	37,272	39,186	32,636	32,776	31,000	33,000	354,306
Total:	116,127	32,308	37,272	39,186	32,636	32,776	31,000	33,000	354,306
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	116,127	32,308	37,272	39,186	32,636	32,776	31,000	33,000	354,306
Total:	116,127	32,308	37,272	39,186	32,636	32,776	31,000	33,000	354,306

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	29,402	8,993	11,598	7,102	11,953	9,546	9,248	9,756	97,599
Total:	29,402	8,993	11,598	7,102	11,953	9,546	9,248	9,756	97,599
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	29,402	8,993	11,598	7,102	11,953	9,546	9,248	9,756	97,599
Total:	29,402	8,993	11,598	7,102	11,953	9,546	9,248	9,756	97,599

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	59,617	-	-	-	-	-	-	-	59,617
Total:	59,617	-	-	-	-	-	-	-	59,617
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	19,076	3,799	2,430	4,625	8,285	12,985	14,585	13,785	79,570
Total:	19,076	3,799	2,430	4,625	8,285	12,985	14,585	13,785	79,570
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	19,076	3,799	2,430	4,625	8,285	12,985	14,585	13,785	79,570
Total:	19,076	3,799	2,430	4,625	8,285	12,985	14,585	13,785	79,570

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	47,135	5,786	5,222	11,115	16,130	10,979	12,896	20,400	129,663
Total:	47,135	5,786	5,222	11,115	16,130	10,979	12,896	20,400	129,663
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	47,135	5,786	5,222	11,115	16,130	10,979	12,896	20,400	129,663
Total:	47,135	5,786	5,222	11,115	16,130	10,979	12,896	20,400	129,663

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.

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

Ship Canal Water Quality Project

Project No:	MC-SU-C3614	BSL Code:	BC-SU-C360B
Project Type:	Discrete	BSL Name:	Combined Sewer Overflows
Project Category:	Improved Facility	Location:	West Ship Canal
Current Project Stage:	Stage 5 - Construction	Council District:	Multiple
Start/End Date:	2014 - 2027	Neighborhood District:	Multiple
Total Project Cost:	\$570,000	Urban Village:	Multiple

The City of Seattle (the City) has prepared a comprehensive strategy, called The Plan to Protect Seattle's Waterways (the Plan) to reduce overflows and discharge of pollutants from combined sewers and the storm drain system. The City must control sewer discharges to protect public health, the environment, to comply with the Clean Water Act, the United States District Court Consent Decree, and State regulations. On May 29, 2015, the City submitted the plan to EPA and Ecology for approval. The largest project identified in the Plan is the Ship Canal Water Quality Project. This project is a joint project between SPU and King County to design and construct a storage tunnel to capture Combined Sewer Overflows for 5 SPU outfalls and two King County outfalls. The tunnel will be 2.7 miles long and run from Wallingford to Ballard. The tunnel will be approximately 18 feet in diameter and have a storage volume of about 30 million gallons. The purpose of the project is to bring all seven outfalls into compliance with the State's control standard of one untreated overflow per year per outfall on a 20-year moving average. Note all City/County funding allocations are for informational purposes, only. Actual resource allocations will be determined through ongoing project governance agreements and interagency coordination between the City and King County.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	190,398	50,814	100,951	77,435	20,838	2,016	1,973	-	444,425
King County Funds	47,924	43,559	17,507	10,627	5,940	-	-	-	125,556
Total:	238,322	94,373	118,457	88,062	26,778	2,016	1,973	-	569,981

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	238,322	94,373	118,457	88,062	26,778	2,016	1,973	-	569,981
Total:	238,322	94,373	118,457	88,062	26,778	2,016	1,973	-	569,981

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	37,420	21,032	5,482	2,995	18,084	3,276	10,664	10,300	109,253
Total:	37,420	21,032	5,482	2,995	18,084	3,276	10,664	10,300	109,253
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	37,420	21,032	5,482	2,995	18,084	3,276	10,664	10,300	109,253
Total:	37,420	21,032	5,482	2,995	18,084	3,276	10,664	10,300	109,253

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	7,611	50	-	-	-	-	-	-	7,661
Total:	7,611	50	-	-	-	-	-	-	7,661
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	7,611	50	-	-	-	-	-	-	7,661
Total:	7,611	50	-	-	-	-	-	-	7,661

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.

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

Seattle Public Utilities

Solid Waste

Overview

Seattle Public Utilities (SPU) collects and disposes of solid waste generated within the City of Seattle. To fulfill this responsibility, the City owns and manages the following significant infrastructure:

- Two transfer stations;
- One recycling and re-use facility;
- Two household hazardous waste facilities;
- A fleet of trucks and heavy equipment; and
- Three closed landfills previously used by the City, plus assistance to Seattle Parks on two other closed landfills.

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 2023 through 2028.

Major anticipated projects include:

- South Transfer Station Facility Redevelopment.
- Cleanup of the historic South Park Landfill at the South Park Development Project.

These projects comprise approximately 49% of the SWF CIP. Other significant projects include the Waste Removal project at the Midway Landfill, replacing two compactors, floor replacement at the South Transfer Station, and SPU’s annual equipment investment.

Thematic Priorities

The SWF places a high priority on managing environmental issues and addressing regulatory requirements related to current and historic solid waste facilities while protecting employees and customer health and safety.

- Managing environmental issues and regulations: SPU is required to improve former landfill sites and act as necessary when conditions change. For example, underground gas levels at these sites are monitored. When increasing gas levels are detected, SPU implements improvements to extract the excess gas or otherwise mitigate the environmental impacts of the gas increase. Landfill projects are also triggered by Washington State Department of Transportation improvements to Interstate-5 that require modification to landfill infrastructure in the right-of-way and support of Sound Transit projects that impact the Midway Landfill. Additionally, the new transfer stations are designed to reduce the environmental impacts of the existing stations on neighboring communities.

Project Selection Criteria

SPU identifies candidate capital projects from several sources – planning (e.g., comprehensive plans, program plans), external projects and opportunities, and emergencies or other unexpected events. Under SPU’s Asset Management System, projects must be justified through a business case process that establishes that a problem or opportunity is timely and important and that the proposed solution is

superior to alternatives based on a triple bottom line analysis (economic, environmental, and social) of life-cycle benefits and costs. The process also recognizes that a project may be a “must do” project (e.g. required by regulations).

Prioritization of SPU projects are based on the following set of criteria:

- **Regulatory Mandates, Legal Agreements:** The degree to which the project is driven by Federal, State, and local laws, permit and regulatory requirements, and consent decrees; as well as by legal agreements with public and private parties. Examples of highly ranked projects in this category include the South Park Development project and Kent Highlands and Midway Landfills programs.
- **External Drivers:** SPU’s responsiveness to, or engagement with, the projects of other departments or jurisdictions, and the specific mandates of the City Council and Mayor. An 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 tipping floor replacement at the South Transfer Station.
- **Level of Service:** The importance of this project in providing or improving services to customers and neighbors. 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

2023-2028 Adopted Solid Waste Fund CIP by BSL

(In '000s; total may not sum due to rounding)

BSL	2023	2024	2025	2026	2027	2028	Total
New Facilities	10,278	8,777	23,516	9,769	1,500	700	54,540
Rehabilitation & Heavy Eqpt	550	1,800	150	250	400	250	3,400
Shared Cost Projects	5,015	3,597	2,959	2,019	1,996	2,048	17,633
Technology	2,145	1,508	1,508	1,508	1,508	1,508	9,682
Total	17,988	15,682	28,132	13,546	5,403	4,505	85,256

New Facilities: This program includes the planning, design, and construction of new facilities to enhance solid waste operations. 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. The key drivers of this budget level are the Midway project and new funding for the Solid Waste Comprehensive Plan Update as required by the Washington State Department of Ecology.

Shared Cost Projects: This program includes individual capital improvement projects that typically benefit multiple Lines of Business (LOB) (e.g., the Water LOB and the Drainage and Wastewater LOB) and which costs are "shared," or paid for by more than one of SPU's utility funds. Key driver for this budget includes heavy equipment purchases, which reflects the best estimate of the required fleet of trucks and heavy equipment for the transfer stations.

Technology: The Technology CIP is managed in six program areas that provide a department-wide view of technology investments to address SPU's strategic, business, and City-wide priorities. These areas are:

- Customer Contact and Billing;
- Enterprise Information Management;
- IT Infrastructure;
- Project Delivery & Performance;
- Science & System Performance; and
- Asset Information Management.

Investments in 2023 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

2023-2028 Adopted Capital Improvement Program

- Project Delivery/Project Controls.

In 2023, 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, the Project Delivery and Performance Program, and the IT Infrastructure Program.

With the Customer Contact and Billing Upgrade project already in place, and the Utilities Customer Self-Service Portal project expected completion in Q322, the next major projects for SPU within the Customer Contact and Billing Program include, the Unified Communications Project, and the Utilities Assistance Program. Other projects slated would be the Integrated Security System project, Development Systems Integration Phase 2 project, Construction Contract Management project 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 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 the South Recycling Center project. These projects are the primary drivers of CIP spending and have required rate increases for financing.

Summary of Upcoming Budget Issues and Challenges

Solid Waste faces logistical and financial issues as it reconstructs its primary facilities and addresses site cleanup efforts.

- Logistics: SWF is focusing on developing the South Recycling Center and must continue to use the site for trailer parking and household hazardous waste collection during construction.
- Financial Challenges: Developing the South Recycling Center along with site remediation efforts puts considerable short-term financial strain on the SWF. While the SWF is funding and building these major projects, it is working to address environmental stewardship by encouraging waste reduction and recycling, which results in declining demand for services.

Future Projects/What is on the Horizon

Once the South 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.

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Rates	667	250	250	50	50	50	100	100	1,517
Total:	667	250	250	50	50	50	100	100	1,517
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Fund	667	250	250	50	50	50	100	100	1,517
Total:	667	250	250	50	50	50	100	100	1,517

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.

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

Midway Landfill

Project No:	MC-SU-C2403	BSL Code:	BC-SU-C240B
Project Type:	Ongoing	BSL Name:	Rehabilitation & Heavy Equipment
Project Category:	Improved Facility	Location:	Kent
Current Project Stage:	N/A	Council District:	Outside City of Seattle
Start/End Date:	N/A	Neighborhood District:	Not in a Neighborhood District
Total Project Cost:	N/A	Urban Village:	Not in an Urban Village

This program funds compliance activities related to the Midway landfill closure project. These activities include environmental 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Rates	12,860	870	250	1,700	50	50	50	150	15,980
Water Rates	-	1,500	-	-	-	-	-	-	1,500
Total:	12,860	2,370	250	1,700	50	50	50	150	17,480
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Fund	12,860	2,370	250	1,700	50	50	50	150	17,480
Total:	12,860	2,370	250	1,700	50	50	50	150	17,480

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.

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

Miscellaneous Station Improvement

Project No:	MC-SU-C2303	BSL Code:	BC-SU-C230B
Project Type:	Ongoing	BSL Name:	New Facilities
Project Category:	Improved Facility	Location:	Multiple
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This project provides modifications, upgrades, and wear replacement for the two new City Transfer Stations. The new facilities will require periodic capital upgrades and replacement to extend the useful life of these assets. Examples of this work include 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Rates	5,542	4,656	8,478	2,600	500	500	500	500	23,275
Total:	5,542	4,656	8,478	2,600	500	500	500	500	23,275
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Fund	5,542	4,656	8,478	2,600	500	500	500	500	23,275
Total:	5,542	4,656	8,478	2,600	500	500	500	500	23,275

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Rates	110,234	-	-	-	-	-	-	-	110,234
Total:	110,234	-	-	-	-	-	-	-	110,234
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Fund	110,234	-	-	-	-	-	-	-	110,234
Total:	110,234	-	-	-	-	-	-	-	110,234

O&M Impacts: Any O&M needed as a result of this project is included in SPU's Operating Budget.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Rates	5,994	600	300	4,000	9,000	1,000	500	-	21,394
Total:	5,994	600	300	4,000	9,000	1,000	500	-	21,394
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Fund	5,994	600	300	4,000	9,000	1,000	500	-	21,394
Total:	5,994	600	300	4,000	9,000	1,000	500	-	21,394

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Rates	7,919	2,400	1,500	2,177	14,016	8,269	500	200	36,982
Water Rates	-	(1,500)	-	-	-	-	-	-	(1,500)
Total:	7,919	900	1,500	2,177	14,016	8,269	500	200	35,482
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Fund	7,919	900	1,500	2,177	14,016	8,269	500	200	35,482
Total:	7,919	900	1,500	2,177	14,016	8,269	500	200	35,482

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Rates	697	100	50	50	50	150	250	-	1,347
Total:	697	100	50	50	50	150	250	-	1,347
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Solid Waste Fund	697	100	50	50	50	150	250	-	1,347
Total:	697	100	50	50	50	150	250	-	1,347

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.

* Funds 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 18 surrounding cities and water districts, plus the Cascade Water Alliance. The water system infrastructure includes:

- The Cedar and South Fork Tolt supply sources, including over 103,000 acres of forested land.
- Three groundwater wells.
- Two primary water treatment plants.
- 11 booster chlorination facilities.
- 325 million gallons of treated water storage.
- 30 pump stations.
- Over 1,900 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 Water 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 \$756 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.
- Seismic upgrades of the Eastside and Riverton Reservoirs, the Magnolia Tank, and the Trenton Standpipe
- Replace the floating cover at Bitter Lake Reservoir with a new 21 MG partially buried circular prestressed concrete tank
- Addressing a slide area through which the Tolt Pipelines pass, upstream of the Tolt Treatment Plant; and
- Relicensing the South Fork Tolt Dam under the Federal Energy Regulatory Commission with Seattle City Light

The 2023-2028 Adopted CIP also includes many ongoing core programs, such as improving the distribution and transmission system water mains, valves, meters, steel storage tanks, and pump stations; watershed stewardship and conservation programs; and facilities, vehicles, and heavy equipment investments. In addition, it includes funding for distribution and transmission system seismic improvement programs stemming from the recent completion of SPU's water system seismic study and federally regulated licenses and improvements at the Tolt Dam.

SPU funds Water capital projects through a combination of cash and issuance of bonds. The primary source of cash and debt repayment funds come from sale of water charged to retail and wholesale

customers in the region. SPU completed its 2019 Water System Plan, a Washington Department of Health (WDOH) regulatory requirement. The plan was approved by King County and the Washington Department of Health in 2019. The plan includes many elements as well as providing plans for SPU’s capital needs for the next 20 years.

Thematic Priorities

The overarching goal of the Water CIP is to ensure that the water system is properly maintained, upgraded, and expanded to reliably deliver high-quality, safe drinking water to customers, protect the environment, and comply with regulations. The primary themes driving the CIP in the next six years are asset preservation, health and human safety, environmental sustainability, and race and social justice.

- SPU is committed to making **asset preservation** investments to create or enhance operational efficiency. SPU uses asset management principles to determine the timing of rehabilitation or replacement of its infrastructure. Projects that fall into this category vary, ranging from water main replacement related to transportation projects to rehabilitation of steel storage facilities.
- SPU’s commitment to **health and human safety** is also addressed through SPU’s reservoir covering projects. Consistent with Ordinance 120899 and required by state regulators, SPU has finished replacing its open finished drinking water reservoirs with underground structures that will improve water quality and system security. Additionally, SPU will complete construction of a new floating cover on the Lake Forest Park reservoir and will begin construction of a new partially buried concrete tank at the Bitter Lake reservoir location to replace the existing floating covers that 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 such as the 2019 Water System Plan, program plans, and asset management plans), external projects and opportunities (such as transportation projects), and emergencies or other unexpected events. Under SPU’s Asset Management approach, projects must be justified through a business case process that establishes that a problem or opportunity is timely and important, and that the proposed solution is superior to alternatives based on a triple bottom line analysis (economic, environmental, and social) of life cycle costs and benefits. The process also recognizes that a project may be a “must do” project (e.g., required by regulation).

SPU prioritizes its capital projects into three categories – Priorities 1, 2 and 3, with 1 being the most important and critical. Some projects are part of an externally driven project. Typically, SPU lacks control over the timing of externally driven projects.

Priority rankings are based on the following set of criteria:

- **Regulatory Mandates, Legal Agreements:** The degree to which a project is driven by federal, state, and local laws, permit and regulatory requirements, and consent decrees; as well as by legal agreements with public and private parties. Examples of highly ranked projects in this category include the reservoir covering programs, the Cedar River Habitat Conservation Program, and the South Fork Tolt relicensing project.
- **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 Roosevelt Eastlake Rapid Ride.
- **Infrastructure:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the Watermain Rehabilitation, Distribution System Improvements and Tank Improvements programs.
- **Level of Service:** The importance of a project in providing or improving services to customers. Examples of highly ranked projects in this category include the Water Infrastructure – New Taps and Service Renewals programs.
- **Other Factors:** Other important factors include high net present value or cost-effectiveness, social or environmental benefits not otherwise captured, a project already in progress or near completion, limited time opportunity, demonstration projects, community visibility, or outside funding.

Every project is rated against each criterion. Criteria ratings are then considered in determining an overall project priority ranking, using expert judgment (rather than a formula). Priority rankings for the CIP are determined by the leads for each 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, Asset Management Committee and/or Capital Improvement Plan Board. In addition, regional projects that are cost shared with SPU’s wholesale customers are vetted annually through the Seattle Water System Operating Board, which is a board of representatives who have certain limited authority over policy and

operational matters as they affect the Seattle Regional Water Supply System. Project priority rankings are used to clarify and document which projects are most important (and why), to help determine which projects at the margin will be included or excluded (or deferred) from the CIP, and which projects should receive priority attention if a staff or financial resource constraint should arise.

CIP Spending by Major Category

(In '000s; total may not sum due to rounding)

Water Fund	2023	2024	2025	2026	2027	2028	Total
Distribution	\$39,328	\$51,239	\$44,867	\$55,426	\$62,488	\$68,091	\$321,438
Transmission	\$15,411	\$13,625	\$25,986	\$17,807	\$15,064	\$9,136	\$97,029
Watershed Stewardship	\$921	\$325	\$403	\$958	\$425	\$133	\$3,164
Water Quality & Treatment	\$1,868	\$1,975	\$1,659	\$24,350	\$23,999	\$12,769	\$66,621
Water Resources	\$14,059	\$4,857	\$12,314	\$11,313	\$14,325	\$14,274	\$71,142
Habitat Conservation Program	\$2,521	\$999	\$742	\$684	\$232	\$186	\$5,364
Shared Cost Projects	\$34,776	\$47,883	\$32,893	\$17,487	\$15,311	\$15,975	\$164,325
Technology	\$6,006	\$4,221	\$4,221	\$4,221	\$4,221	\$4,221	\$27,111
Grand Total	\$114,890	\$125,124	\$123,085	\$132,245	\$136,064	\$124,784	\$756,193

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.

Changes in the **Distribution BCL** in reflect shifting timelines on tank improvements, with much of the work occurring in the out years of the 6-year capital plan. There are also increased investments in water main extension projects at multiple worksites across the city. In 2024-2028, funding 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 other local utilities that purchase a portion of SPU's supply for their customers.

There are limited changes in the **Transmission BCL** in 2023, although two projects are being delayed due to coordination with the SR520 improvements by the State, and property rights issues. Increases in 2025-2028 are caused by initiation of the new transmission system seismic improvements program.

Watershed Stewardship: Projects and programs in this category improve protection of our sources of drinking water, provide habitat protection and restoration, sustain the environment, and enhance

environmental quality, both locally and regionally. Most of the projects in this program category are located within the Cedar and Tolt River municipal watersheds.

- The Cedar River Municipal Watershed is 90,638 acres of land owned by the City of Seattle and provides about 65% of the drinking water used by 1.5 million people in the greater Seattle area supplied by SPU. The City of Seattle is required by law to maintain a clean drinking water supply. To that end, the City restricts public access and management is guided by a Habitat Conservation Plan. The Cedar River Watershed is an unfiltered surface water supply which produces some of the best water in the world.
- The South Fork Tolt River Watershed is the second supply watershed in SPU’s freshwater supply system and provides 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 South Fork Tolt Municipal Watershed is approximately 12,000 acres, two-thirds of which are owned and managed by the City of Seattle. The Tolt Treatment Facilities, which includes filtration, can provide up to 120 million gallons of drinking water per day.

In the **Watershed Stewardship BCL** new projects will replace failing culverts with larger fish passable culverts at road crossings in the Cedar River Municipal Watershed (CRMW). The CRMW Fish Passage infrastructure program is required to satisfy State regulatory requirements for fish passage. 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.

Water Quality and Treatment: The purpose of this program category is to construct, rehabilitate or improve water treatment facilities, and cover the remaining open water reservoirs. State and federal drinking water regulations and public health protection are key drivers of investments in this program category. To comply with regulations, SPU has invested hundreds of millions of dollars in building two new primary treatment facilities and covering two and burying five reservoirs that contain already treated water that is distributed directly to Seattle retail and wholesale customers for drinking purposes.

The focus in the **Water Quality & Treatment BCL** is completion of the Lake Forest Park Reservoir floating cover replacement, and in later CIP years, the Bitter Lake Reservoir Project. The plan for the Bitter Lake Reservoir is construction of a new 21 MG partially buried circular prestressed concrete tank instead of the new floating cover previously considered. Construction of the Lake Forest Park Reservoir replacement cover will be completed in 2022, and the Bitter Lake Reservoir Project is targeted to begin construction in 2026.

Water Resources: The purpose of this program category is to manage our water resources to meet anticipated demands and in-stream flow requirements – the amount of water provided to the river to support aquatic habitat, wetlands, riparian vegetation, and water quality – and to promote residential and commercial water conservation. The requirements for in-stream flows are detailed in agreements with state and federal agencies and include provisions for minimum stream flows in the Cedar and South Fork Tolt Rivers. Examples of the types of projects in this category include the Dam Safety Program, Sockeye Broodstock Weir and other improvements associated with the hatchery and fish ladder, and relicensing of the South Fork Tolt Dam to secure ongoing operations of that water supply source.

Increases in the **Water Resources BCL** in 2023 are due to dam safety projects such as the Tolt Early Warning System Upgrade and Tolt Debris Boom, which are both to comply with the Federal Energy Regulatory Commission (FERC). Increases in outyears of the 6-year CIP are also due to FERC relicensing requirements at the South Fork Tolt Dam, which SPU will be partnering on with Seattle City Light.

Habitat Conservation Program: This program category includes projects and programs directly related to implementation of the Cedar River Watershed Habitat Conservation Plan. The Habitat Conservation Plan benefits the utility and the ratepayers it serves by providing legal certainty under the Endangered Species Act for the City’s continued operations within the Cedar River Watershed, which supplies 65% of the SPU’s drinking water. The Habitat Conservation Program requires SPU to invest \$100 million over 50 years, with \$60 million in the first decade, on approximately 30 capital projects and 60 O&M activities in three areas: management of in-stream flows for people and fish, forest and land conservation activities, and mitigation for the blockage of salmon and steelhead fish as they return to the Cedar River to spawn. The Water Fund’s CIP projects in this area are grouped into eight categories: road improvements and decommissioning, stream and riparian restoration, upland forest restoration, Landsburg fish passage, Cedar River sockeye hatchery, improvements to the Ballard Locks for fish passage and water conservation, fish habitat protection and restoration in the lower Cedar River below the municipal watershed boundary, and evaluation of Cedar permanent dead storage in Chester Morse Lake.

Decreases in the **Habitat Conservation Program BCL** in later CIP years are due to the near completion of the Downstream Fish Habitat program and the transitioning of the watershed road decommissioning and fish passage programs to the Watershed Stewardship BCL (see notes under C130 – Watershed Stewardship). These programs were all under the City’s Cedar River Habitat Conservation Program (HCP) and are close to complete in meeting the City’s commitments in these program areas.

Shared Cost Projects: This program includes individual capital improvement projects which typically benefit multiple lines of business (e.g. the water line of business and the drainage and wastewater line of business) and whose costs are "shared," or paid for, by more than one of SPU's utility funds. For the next six years, the Shared Cost program includes funding for several interdepartmental programs and projects including Move Seattle, Alaskan Way Viaduct and Seawall Replacement. Funding is also included for SPU’s Heavy Equipment Purchases and several smaller projects.

There have been shifts in the **Shared Cost Projects BCL** primarily due to the East Marginal Way Heavy Haul Corridor and the Roosevelt Eastlake Rapid Ride delays and deferral of the Center City Streetcar beyond this 6-year CIP.

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 2023 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 2023, 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, the Project Delivery and Performance Program, and the IT Infrastructure Program.

With the Customer Contact and Billing Upgrade project already in place, and the Utilities Customer Self-Service Portal project expected completion in Q322, the next major projects for SPU within the Customer Contact and Billing Program include, the Unified Communications Project, and the Utilities Assistance Program. Other projects slated would be the Integrated Security System project, Development Systems Integration Phase 2 project, Construction Contract Management 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 65% of the CIP, with the remainder funded by available cash, including rate payer 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 watermain. 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 2021, consumption was 30% below the peak of 1984, despite serving a larger population. Seattle currently has some of the lowest per capita water consumption in the nation. While this accomplishment helps contribute to a sustainable future for the region, it puts financial pressure on the utility because fixed costs, including the costs of the CIP, need to be distributed across fewer units of water sold. This trend also puts pressure on SPU management and employees to deliver services as efficiently as possible. In the future, it may also influence water rate design.

Transitioning from Major Projects toward Asset Management: The Water Fund is transitioning from a

2023-2028 Adopted Capital Improvement Program

period of building large capital projects, in response to regulatory requirements, to a time of physical infrastructure rehabilitation. Past investments include water treatment facilities for the Tolt and Cedar water supplies, coverings for seven open reservoirs in response to federal/state regulations, construction of a second pipeline for the Tolt system, and investments to meet federal requirements embodied in the Cedar River Watershed Habitat Conservation Plan. These investments helped secure the supply and distribution of high-quality drinking water and provide appropriate stewardship of the watersheds consistent with federal and state requirements.

The City of Seattle is now better positioned than many water utilities in the nation in terms of regulatory compliance. Residents, businesses and rate payers will benefit from these investments for years to come. Although the focus will shift from major projects to physical infrastructure rehabilitation, the utility will be paying debt service over the next several budget cycles on the bonds that were issued for these major projects. Against the backdrop of these trends, the 2023-2028 Water CIP has been developed to:

- Provide for water system modifications associated with various Seattle and regional transportation projects.
- Recognize the need to invest in the water system’s resiliency in a major earthquake event and continue with 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, the Chester Morse Lake Pump Plant Project, 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 invest in critical projects allowing continued reliable service of drinking water to the region’s 1.5 million customers. 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, seismic upgrades for critical infrastructure following the 2018 water system seismic study, and dam safety projects.

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	502	165	-	-	-	-	-	-	667
Total:	502	165	-	-	-	-	-	-	667
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	502	165	-	-	-	-	-	-	667
Total:	502	165	-	-	-	-	-	-	667

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.

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

Beacon Reservoir Seismic

Project No:	MC-SU-C1408	BSL Code:	BC-SU-C140B
Project Type:	Discrete	BSL Name:	Water Quality & Treatment
Project Category:	Improved Facility	Location:	S Spokane St and Beacon Ave S
Current Project Stage:	Stage 5 - Construction	Council District:	Council District 2
Start/End Date:	2001 - 2019	Neighborhood District:	Greater Duwamish
Total Project Cost:	\$11,601	Urban Village:	Not in an Urban Village

This project includes Seismic Retrofits at Beacon Reservoir using the Soil-Structure Interaction Seismic Analysis approach for design to determine its seismic performance during ground shaking and to assess whether or not a seismic deficiency exists.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	11,342	-	-	-	-	-	-	-	11,342
Total:	11,342	-	-	-	-	-	-	-	11,342
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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.

** Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	4,202	3,410	3,616	1,314	3,084	662	4,054	576	20,917
Total:	4,202	3,410	3,616	1,314	3,084	662	4,054	576	20,917
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	4,202	3,410	3,616	1,314	3,084	662	4,054	576	20,917
Total:	4,202	3,410	3,616	1,314	3,084	662	4,054	576	20,917

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	1,789	830	10	100	135	351	322	25	3,561
Total:	1,789	830	10	100	135	351	322	25	3,561

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	1,789	830	10	100	135	351	322	25	3,561
Total:	1,789	830	10	100	135	351	322	25	3,561

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	255	65	5	5	5	5	5	5	350
Total:	255	65	5	5	5	5	5	5	350
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	255	65	5	5	5	5	5	5	350
Total:	255	65	5	5	5	5	5	5	350

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	(1)	-	-	-	-	-	-	-	(1)
Water Rates	8,107	5,471	10,985	1,198	5,509	5,715	10,080	10,818	57,883
Total:	8,105	5,471	10,985	1,198	5,509	5,715	10,080	10,818	57,882
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	(1)	-	-	-	-	-	-	-	(1)
Water Fund	8,107	5,471	10,985	1,198	5,509	5,715	10,080	10,818	57,883
Total:	8,105	5,471	10,985	1,198	5,509	5,715	10,080	10,818	57,882

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	617	117	120	122	124	127	129	133	1,490
Total:	617	117	120	122	124	127	129	133	1,490
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	617	117	120	122	124	127	129	133	1,490
Total:	617	117	120	122	124	127	129	133	1,490

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	475	2,498	1,000	2,050	2,712	2,003	4,000	4,000	18,738
Total:	475	2,498	1,000	2,050	2,712	2,003	4,000	4,000	18,738
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	475	2,498	1,000	2,050	2,712	2,003	4,000	4,000	18,738
Total:	475	2,498	1,000	2,050	2,712	2,003	4,000	4,000	18,738

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	2,084	484	160	160	160	160	160	160	3,527
Total:	2,084	484	160	160	160	160	160	160	3,527
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	2,084	484	160	160	160	160	160	160	3,527
Total:	2,084	484	160	160	160	160	160	160	3,527

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	-	850	575	1,750	1,650	250	325	450	5,850
Total:	-	850	575	1,750	1,650	250	325	450	5,850
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	-	850	575	1,750	1,650	250	325	450	5,850
Total:	-	850	575	1,750	1,650	250	325	450	5,850

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	16,672	1,070	1,451	-	-	-	-	-	19,193
Total:	16,672	1,070	1,451	-	-	-	-	-	19,193
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	16,672	1,070	1,451	-	-	-	-	-	19,193
Total:	16,672	1,070	1,451	-	-	-	-	-	19,193

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	1,863	292	418	225	268	607	103	108	3,883
Total:	1,863	292	418	225	268	607	103	108	3,883
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	1,863	292	418	225	268	607	103	108	3,883
Total:	1,863	292	418	225	268	607	103	108	3,883

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	-	-	-	-	-	-	-	-	-
Water Rates	1,642	517	200	750	2,000	-	-	-	5,109
Total:	1,642	517	200	750	2,000	-	-	-	5,109
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	-	-	-	-	-	-	-	-	-
Water Fund	1,642	517	200	750	2,000	-	-	-	5,109
Total:	1,642	517	200	750	2,000	-	-	-	5,109

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	1,918	100	60	65	65	75	-	-	2,283
Total:	1,918	100	60	65	65	75	-	-	2,283
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	1,918	100	60	65	65	75	-	-	2,283
Total:	1,918	100	60	65	65	75	-	-	2,283

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.

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

Multiple Utility Relocation

Project No:	MC-SU-C1133	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	1	1,500	500	500	500	500	500	500	4,501
Total:	1	1,500	500	500	500	500	500	500	4,501
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	1	1,500	500	500	500	500	500	500	4,501
Total:	1	1,500	500	500	500	500	500	500	4,501

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	2,358	1,296	1,823	4,613	3,957	743	500	500	15,791
Total:	2,358	1,296	1,823	4,613	3,957	743	500	500	15,791
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	2,358	1,296	1,823	4,613	3,957	743	500	500	15,791
Total:	2,358	1,296	1,823	4,613	3,957	743	500	500	15,791

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	281	249	100	110	120	130	135	140	1,265
Total:	281	249	100	110	120	130	135	140	1,265
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	281	249	100	110	120	130	135	140	1,265
Total:	281	249	100	110	120	130	135	140	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.

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

Regional Water Conservation

Project No:	MC-SU-C1504	BSL Code:	BC-SU-C150B
Project Type:	Ongoing	BSL Name:	Water Resources
Project Category:	Improved Facility	Location:	Citywide and Regional
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	27,140	1,406	983	981	951	1,042	1,060	1,085	34,649
Total:	27,140	1,406	983	981	951	1,042	1,060	1,085	34,649
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	27,140	1,406	983	981	951	1,042	1,060	1,085	34,649
Total:	27,140	1,406	983	981	951	1,042	1,060	1,085	34,649

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	1,109	382	50	150	155	160	165	170	2,340
Total:	1,109	382	50	150	155	160	165	170	2,340
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	1,109	382	50	150	155	160	165	170	2,340
Total:	1,109	382	50	150	155	160	165	170	2,340

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	810	1,200	1,558	1,567	1,409	24,100	23,999	12,769	67,412
Total:	810	1,200	1,558	1,567	1,409	24,100	23,999	12,769	67,412
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	810	1,200	1,558	1,567	1,409	24,100	23,999	12,769	67,412
Total:	810	1,200	1,558	1,567	1,409	24,100	23,999	12,769	67,412

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	9,521	2,155	60	158	-	-	-	-	11,894
Total:	9,521	2,155	60	158	-	-	-	-	11,894
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	9,521	2,155	60	158	-	-	-	-	11,894
Total:	9,521	2,155	60	158	-	-	-	-	11,894

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	5,307	1,073	566	577	589	601	613	625	9,951
Total:	5,307	1,073	566	577	589	601	613	625	9,951
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	5,307	1,073	566	577	589	601	613	625	9,951
Total:	5,307	1,073	566	577	589	601	613	625	9,951

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	4,345	196	177	171	264	22	69	23	5,268
Total:	4,345	196	177	171	264	22	69	23	5,268
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	4,345	196	177	171	264	22	69	23	5,268
Total:	4,345	196	177	171	264	22	69	23	5,268

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	6,028	1,736	1,092	7,451	7,988	9,526	2,750	7,100	43,671
Total:	6,028	1,736	1,092	7,451	7,988	9,526	2,750	7,100	43,671
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	6,028	1,736	1,092	7,451	7,988	9,526	2,750	7,100	43,671
Total:	6,028	1,736	1,092	7,451	7,988	9,526	2,750	7,100	43,671

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	258	1,479	492	-	-	-	-	-	2,230
Total:	258	1,479	492	-	-	-	-	-	2,230
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	258	1,479	492	-	-	-	-	-	2,230
Total:	258	1,479	492	-	-	-	-	-	2,230

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	9,286	11,678	10,255	9,507	9,877	1,900	1,850	1,900	56,253
Total:	9,286	11,678	10,255	9,507	9,877	1,900	1,850	1,900	56,253
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	9,286	11,678	10,255	9,507	9,877	1,900	1,850	1,900	56,253
Total:	9,286	11,678	10,255	9,507	9,877	1,900	1,850	1,900	56,253

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	37	1,050	1,350	2,500	12,700	14,900	8,800	6,350	47,687
Total:	37	1,050	1,350	2,500	12,700	14,900	8,800	6,350	47,687
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	37	1,050	1,350	2,500	12,700	14,900	8,800	6,350	47,687
Total:	37	1,050	1,350	2,500	12,700	14,900	8,800	6,350	47,687

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.

** Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	1,466	2,061	250	250	250	250	-	-	4,527
Total:	1,466	2,061	250	250	250	250	-	-	4,527
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	1,466	2,061	250	250	250	250	-	-	4,527
Total:	1,466	2,061	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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	2,879	123	125	128	130	133	-	-	3,517
Total:	2,879	123	125	128	130	133	-	-	3,517
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	2,879	123	125	128	130	133	-	-	3,517
Total:	2,879	123	125	128	130	133	-	-	3,517

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.

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

Water Infrastructure-Hydrant Replace/Relocate

Project No:	MC-SU-C1110	BSL Code:	BC-SU-C110B
Project Type:	Ongoing	BSL Name:	Distribution
Project Category:	Rehabilitation or Restoration	Location:	Citywide
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This ongoing 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	2,505	878	258	271	279	287	296	305	5,080
Total:	2,505	878	258	271	279	287	296	305	5,080
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	2,505	878	258	271	279	287	296	305	5,080
Total:	2,505	878	258	271	279	287	296	305	5,080

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	347	50	55	58	59	61	63	65	759
Total:	347	50	55	58	59	61	63	65	759
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	347	50	55	58	59	61	63	65	759
Total:	347	50	55	58	59	61	63	65	759

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	34,459	7,428	8,171	8,579	8,837	9,102	9,375	9,656	95,607
Total:	34,459	7,428	8,171	8,579	8,837	9,102	9,375	9,656	95,607
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	34,459	7,428	8,171	8,579	8,837	9,102	9,375	9,656	95,607
Total:	34,459	7,428	8,171	8,579	8,837	9,102	9,375	9,656	95,607

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	23,100	6,317	7,126	7,483	7,707	7,938	8,177	8,422	76,270
Total:	23,100	6,317	7,126	7,483	7,707	7,938	8,177	8,422	76,270
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	23,100	6,317	7,126	7,483	7,707	7,938	8,177	8,422	76,270
Total:	23,100	6,317	7,126	7,483	7,707	7,938	8,177	8,422	76,270

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	6,931	2,323	2,520	2,646	2,726	2,808	2,892	2,979	25,825
Total:	6,931	2,323	2,520	2,646	2,726	2,808	2,892	2,979	25,825
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	6,931	2,323	2,520	2,646	2,726	2,808	2,892	2,979	25,825
Total:	6,931	2,323	2,520	2,646	2,726	2,808	2,892	2,979	25,825

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	463	492	1,325	1,350	3,265	3,800	2,050	1,425	14,171
Total:	463	492	1,325	1,350	3,265	3,800	2,050	1,425	14,171
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	463	492	1,325	1,350	3,265	3,800	2,050	1,425	14,171
Total:	463	492	1,325	1,350	3,265	3,800	2,050	1,425	14,171

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	23	173	40	45	50	55	60	-	446
Total:	23	173	40	45	50	55	60	-	446
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	23	173	40	45	50	55	60	-	446
Total:	23	173	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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	404	-	-	-	-	155	522	321	1,402
Total:	404	-	-	-	-	155	522	321	1,402
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	404	-	-	-	-	155	522	321	1,402
Total:	404	-	-	-	-	155	522	321	1,402

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	30,921	13,295	15,922	15,552	8,162	21,916	33,316	33,816	172,899
Total:	30,921	13,295	15,922	15,552	8,162	21,916	33,316	33,816	172,899
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	30,921	13,295	15,922	15,552	8,162	21,916	33,316	33,816	172,899
Total:	30,921	13,295	15,922	15,552	8,162	21,916	33,316	33,816	172,899

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	8,019	1,048	709	635	283	455	163	163	11,473
Total:	8,019	1,048	709	635	283	455	163	163	11,473
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	8,019	1,048	709	635	283	455	163	163	11,473
Total:	8,019	1,048	709	635	283	455	163	163	11,473

O&M Impacts: This is an ongoing program and any O&M needed as a result of this program is included in SPU's Operating Budget.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	6,199	1,074	1,127	869	798	433	486	491	11,478
Solid Waste Rates	1,968	190	28	35	147	83	5	2	2,458
Water Rates	2,391	247	220	177	165	286	310	235	4,031
Total:	10,558	1,510	1,375	1,082	1,110	802	802	728	17,967
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	6,199	1,074	1,127	869	798	433	486	491	11,478
Solid Waste Fund	1,968	190	28	35	147	83	5	2	2,458
Water Fund	2,391	247	220	177	165	286	310	235	4,031
Total:	10,558	1,510	1,375	1,082	1,110	802	802	728	17,967

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	54,366	3,233	603	225	15	-	-	-	58,443
Water Rates	25,097	537	109	22	-	-	-	-	25,766
Total:	79,464	3,770	713	248	15	-	-	-	84,209
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	54,366	3,233	603	225	15	-	-	-	58,443
Water Fund	25,097	537	109	22	-	-	-	-	25,766
Total:	79,464	3,770	713	248	15	-	-	-	84,209

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	1,890	1,386	237	860	860	860	860	860	7,812
Solid Waste Rates	1,026	392	83	300	300	300	300	300	3,000
Water Rates	1,763	2,120	231	840	840	840	840	840	8,314
Total:	4,678	3,898	550	2,000	2,000	2,000	2,000	2,000	19,127
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	1,890	1,386	237	860	860	860	860	860	7,812
Solid Waste Fund	1,026	392	83	300	300	300	300	300	3,000
Water Fund	1,763	2,120	231	840	840	840	840	840	8,314
Total:	4,678	3,898	550	2,000	2,000	2,000	2,000	2,000	19,127

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	8,026	2,318	1,892	430	430	430	430	430	14,385
Solid Waste Rates	4,433	1,210	660	150	150	150	150	150	7,053
Water Rates	7,879	2,061	1,848	420	420	420	420	420	13,888
Total:	20,338	5,588	4,400	1,000	1,000	1,000	1,000	1,000	35,326
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	8,026	2,318	1,892	430	430	430	430	430	14,385
Solid Waste Fund	4,433	1,210	660	150	150	150	150	150	7,053
Water Fund	7,879	2,061	1,848	420	420	420	420	420	13,888
Total:	20,338	5,588	4,400	1,000	1,000	1,000	1,000	1,000	35,326

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	1,349	996	473	860	860	860	860	860	7,118
Solid Waste Rates	373	69	165	300	300	300	300	300	2,107
Water Rates	1,137	451	462	840	840	840	840	840	6,250
Total:	2,859	1,517	1,100	2,000	2,000	2,000	2,000	2,000	15,475
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	1,349	996	473	860	860	860	860	860	7,118
Solid Waste Fund	373	69	165	300	300	300	300	300	2,107
Water Fund	1,137	451	462	840	840	840	840	840	6,250
Total:	2,859	1,517	1,100	2,000	2,000	2,000	2,000	2,000	15,475

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.

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

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 required by SPU crews to perform their work. This equipment transports work crews and tools to job sites and supports the safe and efficient replacement, repair, and maintenance of infrastructures. It also build the infrastructure and telematics system needed to implement a fleet of electric vehicles to reduce SPU's use of fossil fuels and support the City's Drive Clean Seattle Fleet initiative.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	21,648	4,201	1,819	3,086	3,339	2,696	2,777	2,870	42,434
Solid Waste Rates	13,635	6,044	3,573	1,961	2,004	1,799	1,853	1,908	32,777
Water Rates	23,714	5,484	1,168	960	3,625	2,972	3,061	3,153	44,136
Total:	58,997	15,728	6,559	6,007	8,967	7,467	7,691	7,931	119,347
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	21,648	4,201	1,819	3,086	3,339	2,696	2,777	2,870	42,434
Solid Waste Fund	13,635	6,044	3,573	1,961	2,004	1,799	1,853	1,908	32,777
Water Fund	23,714	5,484	1,168	960	3,625	2,972	3,061	3,153	44,136
Total:	58,997	15,728	6,559	6,007	8,967	7,467	7,691	7,931	119,347

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.

* Funds 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". The project also provides engineering design and civil construction at drainage and wastewater infrastructure monitoring sites. The data produced at these sites is used by operations to predetermine combined sewer overflows (CSO) and engineering modeling and forecasting. The improvements supplied by this project decrease CSO violations in compliance with the City's NPDES permit. Typical improvements include trenching and conduit from power/Telco pole to above ground SCADA cabinet to field monitoring instrumentation. This work will occur at 150 CSS sites.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	1,868	250	250	250	250	250	250	250	3,618
Water Rates	1,024	867	-	-	-	-	-	-	1,892
Total:	2,892	1,117	250	250	250	250	250	250	5,509
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	1,868	250	250	250	250	250	250	250	3,618
Water Fund	1,024	867	-	-	-	-	-	-	1,892
Total:	2,892	1,117	250	250	250	250	250	250	5,509

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	1,067	1,633	1,290	753	753	753	753	753	7,753
Solid Waste Rates	372	361	450	263	263	263	263	263	2,495
Water Rates	1,682	1,314	1,260	735	735	735	735	735	7,931
Total:	3,121	3,308	3,000	1,750	1,750	1,750	1,750	1,750	18,179
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	1,067	1,633	1,290	753	753	753	753	753	7,753
Solid Waste Fund	372	361	450	263	263	263	263	263	2,495
Water Fund	1,682	1,314	1,260	735	735	735	735	735	7,931
Total:	3,121	3,308	3,000	1,750	1,750	1,750	1,750	1,750	18,179

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	8,417	966	528	533	538	542	451	202	12,177
Water Rates	9,133	725	572	577	582	588	489	218	12,885
Total:	17,551	1,692	1,100	1,110	1,120	1,130	940	420	25,062
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	8,417	966	528	533	538	542	451	202	12,177
Water Fund	9,133	725	572	577	582	588	489	218	12,885
Total:	17,551	1,692	1,100	1,110	1,120	1,130	940	420	25,062

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.

* Funds 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 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 is also known as "Bridging the Gap Program."

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	11,754	2,567	7,368	9,467	7,396	8,287	12,520	10,020	69,381
Water Rates	16,337	10,754	16,705	19,607	12,267	7,495	6,607	6,000	95,772
Total:	28,091	13,321	24,074	29,074	19,663	15,782	19,127	16,020	165,152
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	11,754	2,567	7,368	9,467	7,396	8,287	12,520	10,020	69,381
Water Fund	16,337	10,754	16,705	19,607	12,267	7,495	6,607	6,000	95,772
Total:	28,091	13,321	24,074	29,074	19,663	15,782	19,127	16,020	165,152

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	23,675	5,252	6,134	8,570	12,965	3,800	1,075	4,750	66,222
Solid Waste Rates	274	852	1,276	1,351	646	-	-	-	4,399
Water Rates	8,553	6,236	9,039	4,358	2,408	500	1,075	4,750	36,918
Total:	32,502	12,340	16,450	14,279	16,019	4,300	2,150	9,500	107,539
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	23,675	5,252	6,134	8,570	12,965	3,800	1,075	4,750	66,222
Solid Waste Fund	274	852	1,276	1,351	646	-	-	-	4,399
Water Fund	8,553	6,236	9,039	4,358	2,408	500	1,075	4,750	36,918
Total:	32,502	12,340	16,450	14,279	16,019	4,300	2,150	9,500	107,539

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	3,170	-	-	-	-	-	-	-	3,170
Total:	3,170	-	-	-	-	-	-	-	3,170
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	3,170	-	-	-	-	-	-	-	3,170
Total:	3,170	-	-	-	-	-	-	-	3,170

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	750	1,173	100	95	120	20	20	20	2,298
Water Rates	2,175	175	1,619	5,093	4,040	228	50	50	13,430
Total:	2,926	1,348	1,719	5,188	4,160	248	70	70	15,729
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	750	1,173	100	95	120	20	20	20	2,298
Water Fund	2,175	175	1,619	5,093	4,040	228	50	50	13,430
Total:	2,926	1,348	1,719	5,188	4,160	248	70	70	15,729

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	7,495	1,767	2,505	1,231	731	731	731	731	15,922
Solid Waste Rates	2,755	545	525	255	255	255	255	255	5,100
Water Rates	8,085	1,485	1,470	714	714	714	714	714	14,610
Total:	18,335	3,798	4,500	2,200	1,700	1,700	1,700	1,700	35,633
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	7,495	1,767	2,505	1,231	731	731	731	731	15,922
Solid Waste Fund	2,755	545	525	255	255	255	255	255	5,100
Water Fund	8,085	1,485	1,470	714	714	714	714	714	14,610
Total:	18,335	3,798	4,500	2,200	1,700	1,700	1,700	1,700	35,633

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Rates	26,749	3,496	4,000	15,200	8,200	4,000	2,300	150	64,095
Total:	26,749	3,496	4,000	15,200	8,200	4,000	2,300	150	64,095
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Water Fund	26,749	3,496	4,000	15,200	8,200	4,000	2,300	150	64,095
Total:	26,749	3,496	4,000	15,200	8,200	4,000	2,300	150	64,095

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	2,002	688	753	688	688	688	688	688	6,882
Solid Waste Rates	19	278	263	240	240	240	240	240	1,759
Water Rates	4,450	892	735	672	672	672	672	672	9,437
Total:	6,470	1,858	1,750	1,600	1,600	1,600	1,600	1,600	18,078
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	2,002	688	753	688	688	688	688	688	6,882
Solid Waste Fund	19	278	263	240	240	240	240	240	1,759
Water Fund	4,450	892	735	672	672	672	672	672	9,437
Total:	6,470	1,858	1,750	1,600	1,600	1,600	1,600	1,600	18,078

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.

* Funds 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 SPU 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	797	360	134	428	171	134	134	134	2,290
Solid Waste Rates	1,204	211	138	250	162	138	138	138	2,378
Water Rates	6,076	838	1,344	1,887	1,606	1,419	1,419	1,419	16,007
Total:	8,076	1,409	1,615	2,565	1,940	1,690	1,690	1,690	20,675
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	797	360	134	428	171	134	134	134	2,290
Solid Waste Fund	1,204	211	138	250	162	138	138	138	2,378
Water Fund	6,076	838	1,344	1,887	1,606	1,419	1,419	1,419	16,007
Total:	8,076	1,409	1,615	2,565	1,940	1,690	1,690	1,690	20,675

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.

* Funds 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 SPU assets 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.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Rates	4,038	147	12	12	4,412	-	-	-	8,621
Water Rates	14,580	-	-	-	-	-	-	-	14,580
Total:	18,618	147	12	12	4,412	-	-	-	23,201

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Drainage and Wastewater Fund	4,038	147	12	12	4,412	-	-	-	8,621
Water Fund	14,580	-	-	-	-	-	-	-	14,580
Total:	18,618	147	12	12	4,412	-	-	-	23,201

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.

* Funds 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' adopted 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, 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 2023-2028 CIP includes approximately \$248.2 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, FAS utilizes 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’ 2023-2028 Adopted CIP focuses primarily on preserving existing City assets and expanding electric vehicle (EV) charging infrastructure for the City fleet. The EV investments are critical piece of the City’s transportation electrification strategy and support the City’s emissions reduction goals. FAS’ CIP also demonstrates a commitment to support the operational growth and capacity challenges of our public safety departments. This includes the new Fire Station 31 and the recent replacement of the Fire Station 5 dock. The FAS CIP Asset Preservation program spans across the city to preserve the real property assets within the communities we serve.

Project Selection Criteria

For projects to be considered for inclusion in the FAS CIP, they must fit the priority themes above and adhere to the capital and asset preservation policies adopted in Resolution [31203](#). Projects 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 increased investment in asset preservation.

2023-2028 CIP Highlights:

FAS’ 2023-2028 Adopted CIP includes new critical investments, 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:

Finance and Administrative Services

- **Asset Preservation** – FAS continues ongoing support of major maintenance work in the City’s downtown core properties and City-owned properties outside of downtown.
- **Electrical Upgrades** – Two projects will provide electrical service upgrades to the Charles Street and Haller Lake facilities to prepare for electric vehicle charging stations needed to support the City’s green fleet. Current power to each site is insufficient to support the level needed to further implement electric vehicle charging or any significant decarbonization projects at the facilities.
- **Electric Vehicle Charging Stations** – This request builds on the initial phase one budget for Drive Clean Seattle of \$7.9M. FAS continues to replace the City fleet with electric vehicles where possible. As more electric vehicles are added to the City fleet, additional investment will be needed to expand charging stations at strategic points around the City. This proposal will continue to build out the required charging station infrastructure.
- **Fire Station 31 Replacement** – This project provides funding for the design and construction of a new Fire Station 31. This budget cycle reflects that Fire Station 31 replacement has moved into the 30% design phase and project costs have been updated accordingly.
- **Bakun Building** – FAS’s Adopted CIP includes bond financing backed by REET funding in the 2023 budget for acquisition and improvements to the Bakun building located on the new Alaskan Way at Pike Street Hillclimb. Acquisition of the building from WSDOT will fulfill the City’s permitting commitments from the Elliot Bay Seawall project to the Muckleshoot Tribe to provide a Tribal Interpretive Center rent free, in perpetuity. The Tribe has indicated their interest in the space and that it could fulfill the conditions of the permit.

CIP Revenue Sources

The 2023-2028 Adopted CIP is supported by funding sources including Limited Tax General Obligation (LTGO) bonds, REET I and space rent charges paid by City departments. LTGO bond funding is used to fund projects such as the Seattle Municipal Tower Elevator Rehabilitation and Human Capital Management System 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, the 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 over a 100 City buildings inside and outside of the downtown core. The Asset Preservation Program has historically been funded at a level of \$4 million annually from space rent charges. This funding level is short of the annual \$12 million that FAS’ current model suggests is adequate to address deficiencies and deferred major maintenance work, the total of which is estimated at more than \$100 million.
- **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 on accomplishing these various goals is an ongoing 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 safety and the delivery of critical services to customers. FAS will utilize the Facility Condition Assessment report to help in prioritizing major maintenance and infrastructure project needs. FAS faces an ongoing challenge in adequately funding these needed asset preservation and major maintenance requirements at the City's aging facilities, including the Seattle Municipal Tower, Seattle Fire Department (SFD) Headquarters and multiple FAS' shops and yards.

An additional consideration is ensuring that capital projects are accurately budgeted and fully funded in the face of continued rising costs of construction. 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. Continued conversation between CBO, FAS, and other capital departments will improve understanding of how policies and regulatory requirements influence and impact the City's capital programs and project costs benefits.

City Council Changes to the Proposed CIP

The revenue forecast adopted by the Forecast Council on November 2, 2022, projects a reduction in anticipated revenues compared to the revenue forecast that was used to develop the 2023-2028 Adopted CIP. This updated forecast reduces the resources available, requiring a reduction in proposed expenditures.

- Replace \$13 million in Real Estate Excise Tax (REET I) funding with bond financing for the Bakun Building purchase.
- Reduce proposed funding for facility maintenance and improvements by approximately \$950,000 in REET I in 2023 and by \$2.83 million in REET I in 2024. This will delay several projects such as improvements to the Animal Shelter, Justice Center blind repairs and replacements and the ADA barrier removal projects.

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	835	500	-	-	-	-	-	-	1,335
Total:	835	500	-	-	-	-	-	-	1,335
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	835	500	-	-	-	-	-	-	1,335
Total:	835	500	-	-	-	-	-	-	1,335

O&M Impacts: N/A

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	3,954	1,314	900	600	1,367	2,423	-	-	10,558
Total:	3,954	1,314	900	600	1,367	2,423	-	-	10,558
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	3,954	1,314	900	600	1,367	2,423	-	-	10,558
Total:	3,954	1,314	900	600	1,367	2,423	-	-	10,558

O&M Impacts: N/A

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Department Space Allocation Charges	14,504	6,500	2,152	2,152	2,152	2,152	2,152	-	31,764
General Fund	24	51	-	-	-	-	-	-	75
Interdepartmental Transfer	-	-	-	-	-	-	-	-	-
Real Estate Excise Tax I	6,078	2,012	998	-	1,000	2,000	2,000	-	14,088
Total:	20,606	8,563	3,150	2,152	3,152	4,152	4,152	-	45,927
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Facility Asset Preservation Fund	14,504	6,500	2,152	2,152	2,152	2,152	2,152	-	31,764
Finance and Administrative Services Fund	-	-	-	-	-	-	-	-	-
General Fund	24	51	-	-	-	-	-	-	75
REET I Capital Fund	6,078	2,012	998	-	1,000	2,000	2,000	-	14,088
Total:	20,606	8,563	3,150	2,152	3,152	4,152	4,152	-	45,927

O&M Impacts: N/A

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Department Space Allocation Charges	12,649	4,189	1,848	1,848	1,848	1,848	1,848	-	26,078
Real Estate Excise Tax I	4,648	2,552	-	106	1,864	3,239	3,881	-	16,290
Total:	17,297	6,741	1,848	1,954	3,712	5,087	5,729	-	42,368
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Facility Asset Preservation Fund	12,649	4,189	1,848	1,848	1,848	1,848	1,848	-	26,078
REET I Capital Fund	4,648	2,552	-	106	1,864	3,239	3,881	-	16,290
Total:	17,297	6,741	1,848	1,954	3,712	5,087	5,729	-	42,368

O&M Impacts: N/A

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Interdepartmental Transfer	6,658	1,342	-	-	-	-	-	-	8,000
Real Estate Excise Tax I	-	-	500	-	-	-	-	-	500
Total:	6,658	1,342	500	-	-	-	-	-	8,500
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Finance and Administrative Services Fund	6,658	1,342	-	-	-	-	-	-	8,000
REET I Capital Fund	-	-	500	-	-	-	-	-	500
Total:	6,658	1,342	500	-	-	-	-	-	8,500

O&M Impacts: N/A

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Property Sales and Interest Earnings	348	(49)	-	-	-	-	-	-	299
Real Estate Excise Tax I	9,230	3,103	2,500	-	-	-	-	-	14,833
Street Vacations - CRSU	-	250	-	-	-	-	-	-	250
Total:	9,578	3,304	2,500	-	-	-	-	-	15,382

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	9,230	3,103	2,500	-	-	-	-	-	14,833
Unrestricted Cumulative Reserve Fund	348	201	-	-	-	-	-	-	549
Total:	9,578	3,304	2,500	-	-	-	-	-	15,382

O&M Impacts: N/A

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
FAS Fund Balance	52,595	-	-	-	-	-	-	-	52,595
Interdepartmental Transfer	22,786	2,703	-	-	-	-	-	-	25,489
Total:	75,381	2,703	-	-	-	-	-	-	78,084
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Finance and Administrative Services Fund	75,381	2,703	-	-	-	-	-	-	78,084
Total:	75,381	2,703	-	-	-	-	-	-	78,084

O&M Impacts: N/A

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Interdepartmental Transfer	21,476	4,524	3,500	3,500	3,500	3,500	3,500	-	43,500
Total:	21,476	4,524	3,500	3,500	3,500	3,500	3,500	-	43,500
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Finance and Administrative Services Fund	21,476	4,524	3,500	3,500	3,500	3,500	3,500	-	43,500
Total:	21,476	4,524	3,500	3,500	3,500	3,500	3,500	-	43,500

O&M Impacts: N/A

* Funds 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 - 2024	Neighborhood District:	Multiple
Total Project Cost:	\$13,970	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 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	-	-	3,000	3,000	-	-	-	-	6,000
Miscellaneous Grants or Donations	110	8	-	-	-	-	-	-	118
Real Estate Excise Tax I	5,633	2,219	-	-	-	-	-	-	7,852
Total:	5,743	2,227	3,000	3,000	-	-	-	-	13,970
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2023 Multipurpose LTGO Bond Fund	-	-	3,000	-	-	-	-	-	3,000
2024 Multipurpose LTGO Bond Fund	-	-	-	3,000	-	-	-	-	3,000
Finance and Administrative Services Fund	110	8	-	-	-	-	-	-	118
REET I Capital Fund	5,633	2,219	-	-	-	-	-	-	7,852
Total:	5,743	2,227	3,000	3,000	-	-	-	-	13,970

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.

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

Electrical Infrastructure Upgrades

Project No:	MC-FA-ELECTINFRA	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	Citywide
Current Project Stage:	Stage 1 - Pre-Project Development	Council District:	Not Applicable
Start/End Date:	2023 - 2025	Neighborhood District:	
Total Project Cost:	\$16,000	Urban Village:	

This project funds electrical upgrades at two locations, the Charles Street and the Haller Lake fleet facilities. The project will bring necessary power to the facilities that will support larger scale electric vehicle charging stations and future decarbonization projects for the full facility. The scope of this project is for the electrical upgrades only.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	-	-	-	10,500	5,000	-	-	-	15,500
Payroll Expense Tax	-	-	500	-	-	-	-	-	500
Total:	-	-	500	10,500	5,000	-	-	-	16,000
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2024 Multipurpose LTGO Bond Fund	-	-	-	10,500	-	-	-	-	10,500
2025 Multipurpose LTGO Bond Fund	-	-	-	-	5,000	-	-	-	5,000
Payroll Expense Tax	-	-	500	-	-	-	-	-	500
Total:	-	-	500	10,500	5,000	-	-	-	16,000

O&M Impacts:

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

Energy Efficiency for Municipal Buildings

Project No:	MC-FA-ENEFFMBLD	BSL Code:	BC-FA-EXTPROJ
Project Type:	Ongoing	BSL Name:	FAS Oversight-External Projects
Project Category:	Improved Facility	Location:	Multiple City facilities
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This project funds energy efficiency work across City facilities, managed by the Office of Sustainability and Environment (OSE), in support the City's goal to achieve a 20% reduction in building energy use by the year 2020. OSE will implement a package of energy efficiency projects, as well as continue a suite of O&M improvements, program management, measurement and tracking, and building assessments. The energy efficiency upgrades are expected to generate utility rebates paid by Seattle City Light and Puget Sound Energy, to be deposited into the General Subfund and shown here as future General Subfund revenue. Work may include but is not limited to, building tune-ups, facility improvements, building energy upgrades, and energy efficiency measures.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	577	149	-	-	-	-	-	-	726
Payroll Expense Tax	-	610	-	-	-	-	-	-	610
Property Sales and Interest Earnings	15	335	-	-	-	-	-	-	350
Real Estate Excise Tax I	8,682	2,074	1,010	1,500	-	-	-	-	13,266
State Grant Funds	278	(278)	-	-	-	-	-	-	-
Use of Fund Balance	57	(57)	-	-	-	-	-	-	-
Total:	9,609	2,833	1,010	1,500	-	-	-	-	14,952
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	577	149	-	-	-	-	-	-	726
Payroll Expense Tax	-	610	-	-	-	-	-	-	610
REET I Capital Fund	8,682	2,074	1,010	1,500	-	-	-	-	13,266
Unrestricted Cumulative Reserve Fund	350	-	-	-	-	-	-	-	350
Total:	9,609	2,833	1,010	1,500	-	-	-	-	14,952

O&M Impacts: N/A

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

FAS Information Technology System Initiatives

Project No:	MC-FA-ITSYSINIT	BSL Code:	BC-FA-A1IT
Project Type:	Ongoing	BSL Name:	Information Technology
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	N/A	Council District:	Multiple
Start/End Date:	N/A	Neighborhood District:	Multiple
Total Project Cost:	N/A	Urban Village:	Multiple

This project provides funding for FAS to implement information technology (IT) proposals, to replace existing FAS IT systems that are at the end of their useful lives, accommodate new programmatic and operational needs, and allow the department to function efficiently. FAS coordinates development and implementation of these proposals with the Seattle Information Technology Department. 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
FAS Fund Balance	-	-	669	187	-	-	-	-	856
Interdepartmental Transfer	14	486	-	-	-	-	-	-	500
LTGO Bond Proceeds	102	1,231	-	-	-	-	-	-	1,333
Total:	116	1,717	669	187	-	-	-	-	2,689
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2019 Multipurpose LTGO Bond Fund	102	1,231	-	-	-	-	-	-	1,333
Finance and Administrative Services Fund	14	486	669	187	-	-	-	-	1,356
Total:	116	1,717	669	187	-	-	-	-	2,689

O&M Impacts: N/A

* Funds 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 6 - Closeout	Council District:	Multiple
Start/End Date:	2017 - 2019	Neighborhood District:	Lake Union
Total Project Cost:	\$115	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	115	-	-	-	-	-	-	-	115
Total:	115	-	-	-	-	-	-	-	115
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	115	-	-	-	-	-	-	-	115
Total:	115	-	-	-	-	-	-	-	115

O&M Impacts: N/A

* Funds 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:	North
Total Project Cost:	\$54,000	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	8,902	5,877	17,000	21,217	1,000	-	-	-	53,996
Total:	8,902	5,877	17,000	21,217	1,000	-	-	-	53,996
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2021 Multipurpose LTGO Bond Fund	8,902	2,377	-	-	-	-	-	-	11,279
2022 Multipurpose LTGO Bond Fund	-	3,500	-	-	-	-	-	-	3,500
2023 Multipurpose LTGO Bond Fund	-	-	17,000	-	-	-	-	-	17,000
2024 Multipurpose LTGO Bond Fund	-	-	-	21,217	-	-	-	-	21,217
2025 Multipurpose LTGO Bond Fund	-	-	-	-	1,000	-	-	-	1,000
Total:	8,902	5,877	17,000	21,217	1,000	-	-	-	53,996

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.

* Funds 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 6 - Closeout	Council District:	Council District 5
Start/End Date:	2019 - 2026	Neighborhood District:	Northwest
Total Project Cost:	\$6,450	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	4	-	-	-	-	-	-	-	4
Real Estate Excise Tax I	4,611	1,040	200	200	200	200	-	-	6,450
Total:	4,615	1,040	200	200	200	200	-	-	6,455
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2021 Multipurpose LTGO Bond Fund	4	-	-	-	-	-	-	-	4
REET I Capital Fund	4,611	1,040	200	200	200	200	-	-	6,450
Total:	4,615	1,040	200	200	200	200	-	-	6,455

O&M Impacts: N/A

* Funds 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-NBFIRE
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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	787	250	-	-	-	-	-	-	1,037
Real Estate Excise Tax I	4,445	(1)	-	-	-	-	-	-	4,443
Seattle Voter-Approved Levy	6,428	-	-	-	-	-	-	-	6,428
Total:	11,660	249	-	-	-	-	-	-	11,908
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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	4,445	(1)	-	-	-	-	-	-	4,443
Total:	11,660	249	-	-	-	-	-	-	11,908

O&M Impacts: N/A

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

Fire Station 5

Project No:	MC-FA-FS5	BSL Code:	BC-FA-PSFACFIRE
Project Type:	Discrete	BSL Name:	Public Safety Facilities Fire
Project Category:	Improved Facility	Location:	925 Alaskan Way
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 7
Start/End Date:	2014 - 2023	Neighborhood District:	Downtown
Total Project Cost:	\$13,691	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Interdepartmental Transfer	54	188	-	-	-	-	-	-	242
LTGO Bond Proceeds	5,357	943	-	-	-	-	-	-	6,300
Real Estate Excise Tax I	2,488	4,661	-	-	-	-	-	-	7,149
Total:	7,899	5,792	-	-	-	-	-	-	13,691
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2016 Multipurpose LTGO Bond Fund	1,928	72	-	-	-	-	-	-	2,000
2017 Multipurpose LTGO Bond Fund	3,429	871	-	-	-	-	-	-	4,300
Finance and Administrative Services Fund	54	188	-	-	-	-	-	-	242
REET I Capital Fund	2,488	4,661	-	-	-	-	-	-	7,149
Total:	7,899	5,792	-	-	-	-	-	-	13,691

O&M Impacts: N/A

* Funds 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:	\$91,156	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	45,825	3,665	5,274	7,133	7,746	7,173	7,171	7,167	91,156
Total:	45,825	3,665	5,274	7,133	7,746	7,173	7,171	7,167	91,156
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	45,825	3,665	5,274	7,133	7,746	7,173	7,171	7,167	91,156
Total:	45,825	3,665	5,274	7,133	7,746	7,173	7,171	7,167	91,156

O&M Impacts: N/A

* Funds 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 6 - Closeout	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	1,822	572	-	-	-	-	-	-	2,394
Seattle Voter-Approved Levy	1	7	-	-	-	-	-	-	8
Seattle Voter-Approved Levy	398	-	-	-	-	-	-	-	398
Total:	2,221	579	-	-	-	-	-	-	2,800
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2003 Fire Facilities Levy Fund	399	7	-	-	-	-	-	-	406
REET I Capital Fund	1,822	572	-	-	-	-	-	-	2,394
Total:	2,221	579	-	-	-	-	-	-	2,800

O&M Impacts: N/A

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Department Space Allocation Charges	15	(15)	-	-	-	-	-	-	-
General Fund	-	-	-	-	-	-	35	-	35
Property Sales and Interest Earnings	493	31	32	33	33	34	-	-	655
Use of Fund Balance	28	-	-	-	-	-	-	-	28
Total:	536	15	32	33	33	34	35	-	719
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Garden Capital Trust Fund	15	(15)	-	-	-	-	-	-	-
General Fund	-	-	-	-	-	-	35	-	35
Unrestricted Cumulative Reserve Fund	521	31	32	33	33	34	-	-	684
Total:	536	15	32	33	33	34	35	-	719

O&M Impacts: N/A

* Funds 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 2 - Initiation, Project Definition, & Planning	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	2,692	22,443	18,185	17,615	-	-	-	-	60,936
Total:	2,692	22,443	18,185	17,615	-	-	-	-	60,936
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2021 Multipurpose LTGO Bond Fund	2,692	4,808	-	-	-	-	-	-	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:	2,692	22,443	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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	-	500	639	517	1,411	333	-	-	3,400
Total:	-	500	639	517	1,411	333	-	-	3,400
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	-	500	639	517	1,411	333	-	-	3,400
Total:	-	500	639	517	1,411	333	-	-	3,400

O&M Impacts: Not applicable.

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

Seattle City Hall HVAC Improvements

Project No:	MC-FA-CTYHLHVAC	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	600 Fourth AVE
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 7
Start/End Date:	2016 - 2019	Neighborhood District:	Downtown
Total Project Cost:	\$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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	879	(1)	-	-	-	-	-	-	878
Total:	879	(1)	-	-	-	-	-	-	878
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	879	(1)	-	-	-	-	-	-	878
Total:	879	(1)	-	-	-	-	-	-	878

O&M Impacts: N/A

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

Seattle Municipal Courts

Project No:	MC-FA-MUNICOURT	BSL Code:	BC-FA-GOVTFAC
Project Type:	Ongoing	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	600 5th AVE
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This project provides for various facility improvements. Work may include, but is not limited to, space reconfigurations, reconfigurations of amenities such as drinking fountains, improvements to facility infrastructure such as assisted listening loops, and improvements to various access routes to the site, building, and other public spaces. Three new project phases will commence in 2018, 2019, and 2020. Each project will improve the security of the courthouse based upon the findings of two U.S. Federal Marshal Service Security Surveys.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	1,440	-	-	-	-	-	-	-	1,440
Total:	1,440	-	-	-	-	-	-	-	1,440
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	1,440	-	-	-	-	-	-	-	1,440
Total:	1,440	-	-	-	-	-	-	-	1,440

O&M Impacts: N/A

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

Seattle Municipal Tower Chiller Plant Replacement

Project No:	MC-FA-SMTCHLRPL	BSL Code:	BC-FA-APSCH1FAC
Project Type:	Discrete	BSL Name:	Asset Preservation - Schedule 1 Facilities
Project Category:	Rehabilitation or Restoration	Location:	700 Fifth AVE
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 7
Start/End Date:	2018 - 2022	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Department Space Allocation Charges	4,622	378	-	-	-	-	-	-	5,000
LTGO Bond Proceeds	9,986	14	-	-	-	-	-	-	10,000
Real Estate Excise Tax I	3,009	(9)	-	-	-	-	-	-	3,000
Total:	17,617	383	-	-	-	-	-	-	18,000
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2019 Multipurpose LTGO Bond Fund	3,500	-	-	-	-	-	-	-	3,500
2020 Multipurpose LTGO Bond Fund	6,486	14	-	-	-	-	-	-	6,500
Facility Asset Preservation Fund	4,622	378	-	-	-	-	-	-	5,000
REET I Capital Fund	3,009	(9)	-	-	-	-	-	-	3,000
Total:	17,617	383	-	-	-	-	-	-	18,000

O&M Impacts: N/A

* Funds 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 5 - Construction	Council District:	Council District 7
Start/End Date:	2019 - 2025	Neighborhood District:	Downtown
Total Project Cost Range:	26,500 - 26,500	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	4,535	11,465	3,167	3,167	3,167	-	-	-	25,500
Real Estate Excise Tax I	853	147	-	-	-	-	-	-	1,000
Total:	5,388	11,612	3,167	3,167	3,167	-	-	-	26,500
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2020 Multipurpose LTGO Bond Fund	659	841	-	-	-	-	-	-	1,500
2021 Multipurpose LTGO Bond Fund	3,876	1,124	-	-	-	-	-	-	5,000
2022 Multipurpose LTGO Bond Fund	-	9,500	-	-	-	-	-	-	9,500
2023 Multipurpose LTGO Bond Fund	-	-	3,167	-	-	-	-	-	3,167
2024 Multipurpose LTGO Bond Fund	-	-	-	3,167	-	-	-	-	3,167
2025 Multipurpose LTGO Bond Fund	-	-	-	-	3,167	-	-	-	3,167
REET I Capital Fund	853	147	-	-	-	-	-	-	1,000
Total:	5,388	11,612	3,167	3,167	3,167	-	-	-	26,500

Financial Planning Strategy: The estimated cost to complete bid documents for this Design-Build contract is \$2,500,000, \$1,500,000 of which is funded with LTGO bonds. The remaining \$1,000,000 was funded with REET 1.

At 30% design FAS will reevaluate the total project cost and the financial planning strategy for the remaining costs of the project, which could include local funding and debt funding.

The current mid-point for the financial planning estimate is \$30,000,000 including the \$2,500,000 currently appropriated for design.

O&M Impacts: N/A

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

Seattle Municipal Tower Facility Upgrades

Project No:	MC-FA-SMTUPG	BSL Code:	BC-FA-GOVTFAC
Project Type:	Ongoing	BSL Name:	General Government Facilities - General
Project Category:	Improved Facility	Location:	700 5th Ave.
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	N/A	Neighborhood District:	Downtown
Total Project Cost:	N/A	Urban Village:	Downtown

This on-going project, located in the Seattle Municipal Tower, provides funds for the planning, design and construction of operational improvements and renovations in the Seattle Municipal Tower. Work may include, but is not limited to, space reconfigurations, reconfiguration of amenities such as drinking fountains and public spaces, and improvements to facility infrastructure such as restrooms and showers.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	1,885	-	-	-	-	-	-	-	1,885
Total:	1,885	-	-	-	-	-	-	-	1,885
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	1,885	-	-	-	-	-	-	-	1,885
Total:	1,885	-	-	-	-	-	-	-	1,885

O&M Impacts: N/A

* Funds 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 6 - Closeout	Council District:	Council District 7
Start/End Date:	2015 - 2022	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	2,483	17	-	-	-	-	-	-	2,500
Total:	2,483	17	-	-	-	-	-	-	2,500
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2016 Multipurpose LTGO Bond Fund	2,483	17	-	-	-	-	-	-	2,500
Total:	2,483	17	-	-	-	-	-	-	2,500

O&M Impacts: N/A

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

Seattle Police Department North Area Interim and Long-Term Facilities

Project No:	MC-FA-SPDNFAC	BSL Code:	BC-FA-PSFACPOL
Project Type:	Discrete	BSL Name:	Publ Safety Facilities Police
Project Category:	New Investment	Location:	Multiple
Current Project Stage:	Stage 6 - Closeout	Council District:	Council District 5
Start/End Date:	2017 - 2022	Neighborhood District:	North
Total Project Cost:	\$6,962	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	6,187	775	-	-	-	-	-	-	6,962
Total:	6,187	775	-	-	-	-	-	-	6,962
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	6,187	775	-	-	-	-	-	-	6,962
Total:	6,187	775	-	-	-	-	-	-	6,962

O&M Impacts: N/A

* Funds 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, the K-9 Facility, and other police facilities. 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	4,985	4,138	-	4,600	-	-	7,000	-	20,723
Total:	4,985	4,138	-	4,600	-	-	7,000	-	20,723

Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	4,985	4,138	-	4,600	-	-	7,000	-	20,723
Total:	4,985	4,138	-	4,600	-	-	7,000	-	20,723

O&M Impacts: N/A

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	-	350	-	-	-	-	-	-	350
Total:	-	350	-	-	-	-	-	-	350
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	-	350	-	-	-	-	-	-	350
Total:	-	350	-	-	-	-	-	-	350

O&M Impacts: Not applicable.

* Funds 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:	2022 - 2025	Neighborhood District:	Multiple
Total Project Cost:	\$4,800	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. The project received \$4m funding in 2022 for basic requirements gathering and will need additional \$8m in 2023-2024 to cover implementation and ongoing O&M.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
CRS Misc Revenues	-	4,000	-	-	-	-	-	-	4,000
General Fund	-	400	-	-	-	-	-	-	400
Property Sales and Interest Earnings	271	129	-	-	-	-	-	-	400
Total:	271	4,529	-	-	-	-	-	-	4,800
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	-	400	-	-	-	-	-	-	400
Unrestricted Cumulative Reserve Fund	271	4,129	-	-	-	-	-	-	4,400
Total:	271	4,529	-	-	-	-	-	-	4,800

O&M Impacts: N/A

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

Waterfront Operations and Tribal Interpretive Center

Project No:	MC-FA-OWMAINT	BSL Code:	BC-FA-GOVTFAC
Project Type:	Discrete	BSL Name:	General Government Facilities - General
Project Category:	New Facility	Location:	1426 Alaskan Way
Current Project Stage:	Stage 2 - Initiation, Project Definition, & Planning	Council District:	Council District 7
Start/End Date:	2023 - 2024	Neighborhood District:	Downtown
Total Project Cost:	\$13,000	Urban Village:	Downtown

This project holds budget to acquire the Integrus (Bakun) building located on the new Alaskan Way at Pike Street Hillclimb from WSDOT to provide for a facility to house the dedicated staff team for on-going maintenance and operations of the Waterfront Park. This building is located approximately 600 feet from the new maintenance area being provided under the Overlook Walk for vehicle storage and other maintenance activities. The building would also fulfill the City's permitting commitments to the Muckleshoot Tribe for construction of the Elliott Bay Seawall to provide space in a building along the Waterfront for a Tribal Interpretive Center rent free in perpetuity. The Tribe has indicated their interest in the space and that it could fulfill the conditions of the permit.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
LTGO Bond Proceeds	-	-	13,000	-	-	-	-	-	13,000
Total:	-	-	13,000	-	-	-	-	-	13,000
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
2023 LTGO Taxable Bond Fund	-	-	13,000	-	-	-	-	-	13,000
Total:	-	-	13,000	-	-	-	-	-	13,000

O&M Impacts: FAS, the Office of the Waterfront, and Seattle Center will develop an operations plan for the facility and will coordinate agreements among the building's multiple user departments and the Muckleshoot Tribe. The operations plan will include details on planned funding resources to meet the ongoing maintenance needs of the facility.

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

Waterfront Operations and Tribal Interpretive Center - Debt Service

Project No:	MC-FA-OWMAINTDS	BSL Code:	BC-FA-GOVTFAC
Project Type:	Debt Service	BSL Name:	General Government Facilities - General
Project Category:	New Investment	Location:	1426 Alaskan Way
Current Project Stage:	N/A	Council District:	Council District 7
Start/End Date:	2023 - 2043	Neighborhood District:	Downtown
Total Project Cost:		Urban Village:	Downtown

This project provides for payment of the debt service on bonds issued in 2023 to fund the acquisition and rehabilitation of the Waterfront Operation and Tribal Interpretive Center (CIP Project No. MC-FA-OWMAINT).

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Real Estate Excise Tax I	-	-	937	1,264	1,264	1,264	1,264	1,264	7,257
Total:	-	-	937	1,264	1,264	1,264	1,264	1,264	7,257
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
REET I Capital Fund	-	-	937	1,264	1,264	1,264	1,264	1,264	7,257
Total:	-	-	937	1,264	1,264	1,264	1,264	1,264	7,257

O&M Impacts: N/A

* Funds 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

Seattle IT is a trusted partner that provides secure, reliable, and compliant technologies enabling the City to deliver equitable and responsive services to the public.

Seattle IT delivers technology solutions including, data, telephone, and radio networks; applications and application infrastructure; desktop, mobile, and printing device support; website and digital engagement tools; data centers, servers, storage, and backup; video production and coverage of public meetings; and community support for digital equity, civic technology, and public internet access initiatives. 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 2023-2028 Adopted CIP budget is \$137.1 million. Details for 2023 are provided in the following table.

CIP Program Name	2023 Adopted	Planned Spending
Discrete Projects		
Criminal Justice Information System Projects	\$12,996,000	Implement case management systems for agencies including Seattle Municipal Court, the Hearing Examiner, and the City Attorney.
Ongoing CIP Programs		
800 MHz Radio Network Program	\$742,000	Maintain radio network infrastructure and public safety radios.
Computing Services Architecture	\$10,650,000	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	\$17,918,000	Network equipment related to Unified Communication System, and routine equipment replacement and upgrades. Includes budget to continue the retirement and replacement of legacy telephony and contact center environments to more modern, secure replacements.
Fiber-Optic Communication Installation & Maintenance	\$4,582,000	Fiber installation and maintenance.

Seattle Channel Maintenance & Upgrade	\$354,000	Equipment replacement and maintenance.
Department Total	\$47,242,000	

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.

2023-2028 CIP Highlights

Seattle IT’s 2023-2028 Adopted CIP Budget includes the following transfers and modifications to CIP programs:

Criminal Justice Information System Projects (+\$17,706,000) project includes bond funded budget to support the Municipal Court Information System (MCIS) replacement. As the MCIS project has progressed, the project has been re-baselined and teams have been realigned to better execute meeting the project goals to reach Go-Live in 2024. The 2023-2028 Adopted CIP reflects the additional appropriation and associated bond funding needed for project completion.

Data and Telephone Infrastructure (+\$20,800,000) project includes bond funded budget to support the continued replacement of legacy telephony infrastructure to an IP-based telephone system. Additionally, this budget will support the migration of legacy contact center environments that serve utility service centers, community centers, the retirement office, Seattle Center, and other city employees who take calls from the public to more secure, modern environments.

Thematic Priorities

Seattle IT’s priorities are:

- **Develop & Enhance Business Solutions** – We build and improve tools and capabilities for our clients
- **Inform & Support the Public** – We deliver programs to ensure City residents have equitable access to technology, City data, government processes, and civic programs
- **Deliver & Improve Services** – We resolve issues and fulfill requests; and we increase the efficiency & performance of our services
- **Maintain Operational Integrity** – We support sustainable technology and avoid creating technical debt
- **Security & Compliance** – We reduce vulnerabilities, protect City assets and data, and exercise fiscal responsibility
- **People & Culture** – We recruit, develop, support, and retain top talent

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.)

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 mode 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 the City’s PC Replacement Program is funded using a desktop computer as the base unit of measure for budgetary purpose. In addition, logistics related to asset management, device support, and equipment deployment to remote and hybrid workers will continue to be challenging unless additional investments are made to support mobile equipment. 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.

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 Investment 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 applications. This fragmented technology footprint is a major cyber security concern, a cause of lost productivity, and 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.

Privacy and Public Records Management. The City is often confronted with the dichotomous challenge of preserving the privacy of members of the public who interact with the City and the requirements for transparency and disclosure outlined in the State of Washington’s Public Records Act. The City collects and uses a vast and expanding amount of data on a regular basis. It is necessary that the City minimize the number of platforms and services that collect public data, be mindful and intentional about the amount of data collected, and be consistent about retaining that data in repositories that can be accessed and searched in response to public records requests. The proliferation of data sources and repositories requires a constant evolution in the training and tooling used by Public Disclosure Officers, and requires all City employees to understand the City’s commitments to data privacy and public records.

Cybersecurity. The nature of threats to the integrity of the City’s technology systems is evolving. Emphasis is shifting away from network and end-point security to advanced risk-based threat assessment and response, identity assurance, employee training, and “security by design” for IT applications and solutions. Preventive controls are no longer entirely reliable; instead, we need a greater emphasis on the ability to locate and quickly remediate and recover compromised technology. This shift in the threat matrix requires different investments in technology, education, and expertise, and

necessitates an increased participation in regional and national efforts that coordinate and share cybersecurity information.

Public Expectations. The public has high expectations for how government performs, including how technology is used to deliver efficient and accessible government services and how government can be more transparent about its operations. 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 and civic technology programs such as Open Data must be prioritized and have to 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. Instead, 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 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.

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Internal Service Fees and Allocations, Outside Funding Partners	20,598	1,994	4,740	1,143	1,740	2,550	2,550	4,040	39,355
LTGO Bond Proceeds	7,764	2,731	5,910	3,992	4,620	4,295	5,700	5,610	40,623
Total:	28,362	4,725	10,650	5,135	6,360	6,845	8,250	9,650	79,978
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Information Technology Fund	28,362	4,725	10,650	5,135	6,360	6,845	8,250	9,650	79,978
Total:	28,362	4,725	10,650	5,135	6,360	6,845	8,250	9,650	79,978

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Internal Service Fees and Allocations, Outside Funding Partners	28,082	7,050	2,274	1,782	1,535	1,581	210	220	42,734
LTGO Bond Proceeds	21,534	5,907	15,644	6,921	1,115	1,654	500	2,500	55,774
Total:	49,615	12,957	17,918	8,702	2,650	3,235	710	2,720	98,508
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Information Technology Fund	49,615	12,957	17,918	8,702	2,650	3,235	710	2,720	98,508
Total:	49,615	12,957	17,918	8,702	2,650	3,235	710	2,720	98,508

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.

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

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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Internal Service Fees and Allocations, Outside Funding Partners	19,208	2,685	742	761	784	807	831	856	26,675
Total:	19,208	2,685	742	761	784	807	831	856	26,675
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Information Technology Fund	19,208	2,685	742	761	784	807	831	856	26,675
Total:	19,208	2,685	742	761	784	807	831	856	26,675

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Internal Service Fees and Allocations, Outside Funding Partners	45,717	8,585	4,582	4,702	4,843	4,988	5,137	5,292	83,845
Total:	45,717	8,585	4,582	4,702	4,843	4,988	5,137	5,292	83,845
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Information Technology Fund	45,717	8,585	4,582	4,702	4,843	4,988	5,137	5,292	83,845
Total:	45,717	8,585	4,582	4,702	4,843	4,988	5,137	5,292	83,845

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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Internal Service Fees and Allocations, Outside Funding Partners	3,580	389	354	363	372	384	395	407	6,245
Total:	3,580	389	354	363	372	384	395	407	6,245
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Information Technology Fund	3,580	389	354	363	372	384	395	407	6,245
Total:	3,580	389	354	363	372	384	395	407	6,245

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.

* Funds 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 - 2024	Neighborhood District:	Downtown
Total Project Cost:	\$62,868	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	145	569	(1,837)	(919)	-	-	-	-	(2,043)
Internal Service Fees and Allocations, Outside Funding Partners	213	(156)	1,837	919	-	-	-	-	2,813
LTGO Bond Proceeds	23,879	17,758	12,996	4,710	-	-	-	-	59,342
Total:	24,236	18,170	12,996	4,710	-	-	-	-	60,112
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Information Technology Fund	24,236	18,170	12,996	4,710	-	-	-	-	60,112
Total:	24,236	18,170	12,996	4,710	-	-	-	-	60,112

O&M Impacts: Not enough information at this stage of the project.

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

Permit System Integration

Project No:	MC-IT-C6305	BSL Code:	BC-IT-C7000
Project Type:	Discrete	BSL Name:	Capital Improvement Projects
Project Category:	New Investment	Location:	700 5th AVE
Current Project Stage:	Stage 5 - Execution (IT Only)	Council District:	Council District 3
Start/End Date:	2017 - 2023	Neighborhood District:	Downtown
Total Project Cost:	\$6,952	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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	2,112	-	-	-	-	-	-	-	2,112
Internal Service Fees and Allocations, Outside Funding Partners	3,811	1,028	-	-	-	-	-	-	4,839
Total:	5,924	1,028	-	-	-	-	-	-	6,952
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Information Technology Fund	5,924	1,028	-	-	-	-	-	-	6,952
Total:	5,924	1,028	-	-	-	-	-	-	6,952

O&M Impacts: Ongoing costs are built into Seattle IT’s operating budget.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	1,011	-	-	-	-	-	-	-	1,011
Internal Service Fees and Allocations, Outside Funding Partners	3,240	782	-	-	-	-	-	-	4,022
Total:	4,251	782	-	-	-	-	-	-	5,033
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Information Technology Fund	4,251	782	-	-	-	-	-	-	5,033
Total:	4,251	782	-	-	-	-	-	-	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.

* Funds 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	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	535	-	-	-	-	-	-	-	535
Internal Service Fees and Allocations, Outside Funding Partners	5,947	1,898	-	-	-	-	-	-	7,845
LTGO Bond Proceeds	1,908	-	-	-	-	-	-	-	1,908
Total:	8,390	1,898	-	-	-	-	-	-	10,288
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Information Technology Fund	8,390	1,898	-	-	-	-	-	-	10,288
Total:	8,390	1,898	-	-	-	-	-	-	10,288

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.

* Funds 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 - 2023	Neighborhood District:	Downtown
Total Project Cost:	\$4,175	Urban Village:	Downtown

This project funds the development and implementation of a new Citywide solution for contracts management.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
General Fund	-	263	-	-	-	-	-	-	263
Internal Service Fees and Allocations, Outside Funding Partners	3,291	620	-	-	-	-	-	-	3,912
Total:	3,291	884	-	-	-	-	-	-	4,175
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Information Technology Fund	3,291	884	-	-	-	-	-	-	4,175
Total:	3,291	884	-	-	-	-	-	-	4,175

O&M Impacts: Ongoing costs for annual software subscriptions are built into Seattle IT's operating budget.

* Funds 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 - 2023	Neighborhood District:	Downtown
Total Project Cost:	\$8,578	Urban Village:	Downtown

This project provides funds to maintain, replace, and upgrade technology equipment for the City's public safety departments.

Resources	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Internal Service Fees and Allocations, Outside Funding Partners	1,231	(451)	-	-	-	-	-	-	781
LTGO Bond Proceeds	3,983	618	-	-	-	-	-	-	4,601
Use of Fund Balance	-	3,196	-	-	-	-	-	-	3,196
Total:	5,214	3,364	-	-	-	-	-	-	8,578
Fund Appropriations / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	Total
Information Technology Fund	5,214	3,364	-	-	-	-	-	-	8,578
Total:	5,214	3,364	-	-	-	-	-	-	8,578

O&M Impacts: N/A.

* Funds 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 - 2023	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	2022 Revised	2023	2024	2025	2026	2027	2028	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 / Allocations *	LTD Actuals	2022 Revised	2023	2024	2025	2026	2027	2028	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.

* Funds 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 ID	Project Name	Project Capacity	Project Location	2023 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	\$8
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	\$245

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

MC-CL- XB6401	Boundary Facility - 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 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	\$1,038
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	\$8,048
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	\$13,380
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	\$577
MC-CL- XB6566	Boundary - DC Battery System & Charge Modernizatio n	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	Boundary Rd, Metaline, WA 99153	\$15

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

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	\$28,997
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	\$998

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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	\$435
MC-CL- XC6573	Cedar Falls Substation & 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	\$218

**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	\$316
MC-CL- XF9006	Safety Modifications	<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	\$707

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- XF9072	Building Envelope Upgrades	<p>Rationale: Proactively replacing waterproofing elements on building exteriors averts costly structural damage and prevents the growth of toxic mold inside wall cavities and ceiling spaces that can easily render a building uninhabitable. In extreme cases the building has to be completely demolished and rebuilt in order to eradicate mold. Performing emergency repairs during storm season is extremely expensive if it can be done at all. Emergency repairs also disrupt utility operations, typically at the most inopportune time. Alternative(s): 1. Fund program 9072. 2. Don't fund program 9072 and reduce building condition expectations. 3. Bundle a range of building envelope replacements into large ad hoc programs in the future when maintenance costs become prohibitive. 4. Incorporate roofing and weatherizing from a larger, more generalized fund that addresses the needs of all building systems together. 5. Increase the operations and maintenance budget and attempt to extend systems beyond their designed lifetime.</p>	System Wide	\$43
------------------	----------------------------------	---	-------------	------

**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	\$9,556
------------------	-----------------------------------	--	-------------	---------

**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 Replacement	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	\$8,865
MC-CL- XF9107	Service Center Facility Improvements	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	\$100
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	\$1,006

*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.	System Wide	\$357
MC-CL- XF9152	Environmenta l 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	\$69
MC-CL- XF9156	Facilities Infrastructure Improvements	Rationale: City Light's extensive inventory of active facilities includes structures and appurtenant elements whose supportive systems are approaching the end of their designed life spans. The performance of highly integrative structural, mechanical and electrical systems profoundly affects the overall quality of interior space that supports many diverse business activities. Replacing these elements as they begin to deteriorate helps sustain City Light's key business operations on a continuous basis and maintains asset value as well. Improvement of grounds and yards supports distribution and warehouse operational efficiency and mitigates the facility's visual impact on neighboring businesses and residential areas. Alternative(s): 1. Fund Program 9156 as proposed. 2. Replace systems one component at a time over an extended period through many medium scale maintenance projects. 3. Combine infrastructure improvements and building envelope upgrades into one large building and grounds improvement fund. 4. Continue to apply stop gap measures until the majority of major systems are uniformly deteriorated and then embark on a large scale replacement of key buildings and upgrading of grounds sometime in the next ten years.	System Wide	\$628

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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	\$738
MC-CL- XF9161	Substation Comprehensive Improvements	Rationale: 1. Reduce the risk to communications equipment and power network controls in order to sustain City Light's historically high system reliability. 2. Reduce workplace complaints among substation staff so that City Light maintains its harmonious relationship with electrical workers. Alternative(s): 1. Fund Program 9161. 2. Eliminate Program 9161 and make limited scope improvements in reaction to critical situations. 3. Eliminate Program 9161 and fund substation improvements out of other programs. 4. Make no improvements and finance increasing risk through insurance. 5. Eliminate Program 9161 and complete substation improvements as an O&M expense.	System Wide	\$2,679
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	\$850

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

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	\$169
MC-CL-XP6530	Hydro Project Spill Containment	<p>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.</p>	Outside City of Seattle	\$192
MC-CL-XP6600	SMT AutoLab	<p>Rationale: This project supports continued new cyber security and automation projects. The existing equipment lab is too small and the HVAC system doesn't adequately cool existing equipment. Alternative(s): The project will also look at enlarging the existing lab on SMT 35, as well as looking at alternate spaces to create a new lab. Existing IT labs will be considered.</p>	System Wide	\$31

*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	\$1,169
--------------	-----------------------------------	---	-------------------------	---------

**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	\$103
MC-CL- XS6405	Skagit Facility - Minor Improvements 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	\$10,283

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

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	\$13
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	\$117
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	\$4,574
MC-CL- XS6540	Skagit - Boat Facility Improvements	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	\$397
MC-CL- XS6564	Ross - Exciters 41-44	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	Ross Powehouse	\$1,487

*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	\$645
------------------	--	--	------------------------------------	-------

*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	\$9,056
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.	500 Newhalem Creek Rd	\$84

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- YD9009	Communications Improvements	<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	\$928
------------------	--------------------------------	--	-------------	-------

**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	\$793
------------------	--	---	-------------	-------

**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	\$780
------------------	---	---	-------------	-------

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- YD9202	Security Improvements	<p>Rationale: If Seattle City Light's Security Improvements Program is underfunded, its critical facilities face increased risk to sabotage, vandalism, theft, and terrorism that can result in the loss of valuable infrastructure for generation and distribution of power, as well as noncompliance with North American Reliability Council (NERC) 1200 Standards, adopted May 2, 2006, to improve security at critical facilities that house command and control systems. Curtailment of Seattle City Light's electric operations would impact reliability of the power system in the Pacific Northwest, create lost revenues, and jeopardize public safety and emergency response due to loss of lifeline services such as medical services, water and wastewater systems, communications, law enforcement, banking, transportation system, etc. 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	\$1,414
------------------	--------------------------	---	-------------	---------

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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 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	\$2,256
------------------	--	---	----------	---------

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- YD9957	Enterprise Geographic Information System	<p>Rationale: 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 Services. The current DAMS editor was originally implemented in 1994 as a suite of custom applications</p>	System Wide	\$3,204
------------------	---	---	-------------	---------

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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.

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	\$17,933
------------------	---	---	-----------	----------

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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	\$644
------------------	---------------------------------	---	-------------	-------

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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	\$1,921
------------------	---	--	-------------	---------

**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.*

Appendix A: New or Expanded Capital Facilities

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	\$2,171
------------------	--	--	--------------------	---------

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

MC-CL- YN8202	Massachusetts Street Substation - Networks	<p>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.</p> <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	\$3,359
------------------	---	--	--------------------	---------

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

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	\$2,552
------------------	---	--	------------------	---------

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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	\$3,776
------------------	-------------------------	--	--------------------	---------

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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	\$7,103
------------------	----------------------------------	--	---------------	---------

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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	\$400
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	\$7

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

MC-CL- YR8351	Overhead Equipment Replacements	<p>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.</p> <p>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.</p>	System Wide	\$52,311
MC-CL- YR8353	Underground Equipment Replacements	<p>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.</p>	System Wide	\$22,777
MC-CL- YR8355	Overhead Customer Driven Capacity Additions	<p>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.</p>	System Wide	\$2,498
MC-CL- YR8356	Overhead System Capacity Additions	<p>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.</p>	System Wide	\$2,969

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

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	\$819
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	\$3,321
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	\$2,739
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	\$1,021

**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):</p> <p>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	\$3,210
------------------	----------------------------	---	----------	---------

**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	\$17,064
MC-CL- YR9974	PCB Tracking and Condition Assessment Project	<p>Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.</p>	System Wide	\$210

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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	\$4
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	\$1,065
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	\$2,991

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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	\$6,442
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	\$5,471
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	\$2

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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	\$86
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	\$2,920
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	\$7,645

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

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	\$385
--------------	-----------------------------------	---	-------------	-------

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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	\$1,236
--------------	-----------------------	--	-------------	---------

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

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	\$40
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	\$4,080

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

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	\$639
MC-CL-YT7125	Denny Substation Transmission Lines	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	System Wide	\$217
MC-CL-ZC9972	Call Center Improvements - City Light	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	University District / Roosevelt / Northgate	\$45
MC-CL-ZL8377	Transportation Streetlights	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.	System Wide	\$5,458
MC-CL-ZL8378	Streetlights: Arterial, Residential and Floodlights	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. 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.	System Wide	\$6,707

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

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. Alternative(s): No Alternatives Provided.</p>	Citywide	\$3,351
------------------	---	---	----------	---------

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

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	\$4,120
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	\$1,135

*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	\$1,447
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	\$9,320
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	\$7,964
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	\$5,018

**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	\$22,147
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	\$7,653
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	\$1,185
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	\$3,000

*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	\$4,242
--------------	--	--	---------------	---------

**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	\$1,436
--------------	----------------------------------	--	----------	---------

**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	\$1,303
------------------	--	--	-----------------------	---------

**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	\$17,968
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	\$2,054
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	\$670

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle Department of Transportation

Project Name	Project ID	Project Capacity	Project Location	2023 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's transportation network and of the regional transit network.	VARIOUS	\$37,000
MC-TR-C019	Neighborhood Traffic Control Program	This program will install traffic calming devices on neighborhood streets.	Citywide	\$729
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	\$700
MC-TR-C021	Next Generation Intelligent Transportation Systems (ITS)	This project will install new Intelligent Transportation System equipment to improve traffic flow.	Citywide	\$1,378
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	\$6,026
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	\$1,231
MC-TR-C034	3rd Avenue Corridor Improvements	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	3rd AVE	\$1,785
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	\$1,996
MC-TR-C044	Burke-Gilman Trail Extension	This project will construct three miles of new multi-use trail.	VARIOUS	\$2,900
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	\$4,930
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	\$259

*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	\$47,718
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	\$28,409
MC-TR-C064	Vision Zero	This project will upgrade existing signals and signs, and install new ADA ramps, and pedestrian safety improvements.	Citywide	\$8,364
MC-TR-C072	Alaskan Way Main Corridor	The program will construct a new Alaskan Way surface street and public space.	VARIOUS	\$29,668
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	\$1,922

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

Seattle Parks and Recreation

Project Name	Project ID	Project Capacity	Project Location	2023 Budget*
MC-PR-21001	Park Land Acquisition and Leverage Fund	This project will add acreage to Seattle's total park land acreage.	Citywide	\$1,633
MC-PR-21003	New Park Development	This project will add 14 developed parks for active recreation to help meet the City's parks and open space goals.	Citywide	\$4,297
MC-PR-21004	Activating and Connecting to Greenways	This project will increase the number of miles of safe pedestrian routes for all ages.	Citywide	\$241
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	\$2,241
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	\$1,886

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

Seattle Public Utilities

Project Name	Project ID	Project Capacity	Project Location	2023 Budget*
MC-SU-C1111	Water Infrastructure- Water Main Extensions	This project will install approximately 8,000 feet of new watermains per year.	Citywide	\$2,520
MC-SU-C1112	Water Infrastructure- New Hydrants	This project will improve fire protection by increasing the number of fire hydrants in the city.	Citywide	\$55
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	\$983
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	\$566
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	\$1,500
MC-SU-C3604	Long Term Control Plan	This project will determine size and location of all future CSO control facilities within the City.	Various	\$1,000
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	\$300
MC-SU-C3611	CSO Facility Retrofit	This project will retrofit, upgrade, and modify existing Combined Sewer Overflow reduction facilities.	Various	\$30
MC-SU-C3703	Pump Station & Force Main Improvements	This program will provide wastewater pump station improvements, upgrades, repairs and rehabilitation.	Various	\$11,598
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	\$4,616
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	\$2,430

*Amounts in thousands of dollars.

Appendix A: New or Expanded Capital Facilities

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	\$5,482
MC-SU-C4107	Regional Facility - Other	This program will improve facilities at SPU's regional sites.	Regional	\$4,000

**Amounts in thousands of dollars.*

Appendix A: New or Expanded Capital Facilities

Finance and Administrative Services

MC-FA- ADAIMPFAS	ADA Improvements - FAS	This is an Asset Preservation project and has no requirements under the Growth Management Act (GMA).	FAS facilities	\$900
MC-FA- APSCH1FAC	Asset Preservation - Schedule 1 Facilities	This is an Asset Preservation project and has no requirements under the Growth Management Act (GMA).	Multiple City facilities	\$4,102
MC-FA- APSCH2FAC	Asset Preservation - Schedule 2 Facilities	This is an Asset Preservation project and has no requirements under the Growth Management Act (GMA).	Multiple City facilities	\$1,848

**Amounts in thousands of dollars.*

DEPARTMENT OF FINANCE AND ADMINSTRATIVE SERVICES

Project ID:	MC-FA-OWMAINT
Project Title:	Waterfront Operations and Tribal Interpretive Center
Location:	1426 Alaskan Way
2023 Adopted Budget:	13,000,000
Description:	This project holds budget to acquire the Integrus (Bakun) building located on the new Alaskan Way at Pike Street Hillclimb from WSDOT to provide for a dedicated space to house the dedicated staff team for on-going maintenance and operations of the Waterfront Park. This building is located approximately 600 feet from the new maintenance area being provided under the Overlook Walk for vehicle storage and other maintenance activities. The building would also fulfill the City's permitting commitments to the Muckleshoot Tribe for construction of the Elliott Bay Seawall to provide 10,000 square feet in a building along the Waterfront for a Tribal Interpretive Center rent free in perpetuity. The Tribe has indicated their interest in the space and that it could fulfill the conditions of the permit.

DEPARTMENT OF PARKS AND RECREATION

Project ID:	MC-PR-41036
Project Title:	Comfort Station Renovations
Location:	Multiple
2023 Adopted Budget:	2,240,528
Description:	This project renovates selected comfort stations for improved ADA access, ventilation, finishes (walls and floors), and security. The renovations also may include reconfigured stalls, new toilets, urinals, and sinks, grab-bars, paint and finishes, and other related work, depending on the needs of a particular site. In some cases, a comfort station may be replaced or reconfigured to allow for non-gender specific accessible use. Comfort stations are prioritized for work based on the results of condition assessments while also factoring in race and social equity, emergent needs, and the location's status on the BRS schedule. Where priorities align, SPR also makes an effort to combine work at comfort stations with other work on the site.

SEATTLE CITY LIGHT

Project ID:	MC-CL-WC3125
Project Title:	Skagit License 1995
Location:	Skagit
2023 Adopted Budget:	3,456,000

2023-2028 Adopted Capital Improvement Program

Appendix B: Capital Projects passing the \$5 million threshold with the 2023 appropriations.

Description: 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.

Project ID: MC-CL-XF9156
Project Title: Facilities Infrastructure Improvements
Location: System Wide
2023 Adopted Budget: 627,833

Description: 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.

Project ID: MC-CL-YD9957
Project Title: Enterprise Geographic Information System
Location: System wide
2023 Adopted Budget: 3,204,090

Description: 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).

Project ID: MC-CL-YT7130
Project Title: Transmission Tower Refurbishment
Location: Multiple
2023 Adopted Budget: 3,795,171

Description: 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.

Project ID: MC-CL-ZS8350
Project Title: Overhead Outage Replacements
Location: System wide
2023 Adopted Budget: 1,135,359

2023-2028 Adopted Capital Improvement Program

Appendix B: Capital Projects passing the \$5 million threshold with the 2023 appropriations.

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.

SEATTLE DEPARTMENT OF TRANSPORTATION

Project ID: MC-TR-C096
Project Title: Georgetown to South Park Trail
Location: Various
2023 Adopted Budget: 4,500,000
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-C002
Project Title: Accessible Mt. Baker Implementation
Location: Various
2023 Adopted Budget: 900,000
Description: 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

Project ID: MC-TR-C105
Project Title: Thomas Street Redesigned
Location: Thomas St. from 5th Ave N to Dexter Ave N
2023 Adopted Budget: 3,260,511
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-C108
Project Title: Seattle Transportation Benefit District - Transit Improvements
Location: Citywide
2023 Adopted Budget: 4,640,000
Description: 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

2023-2028 Adopted Capital Improvement Program

Appendix B: Capital Projects passing the \$5 million threshold with the 2023 appropriations.

reliability of transit service operated by King County Metro within the City of Seattle.

SEATTLE PUBLIC UTILITIES

Project ID: MC-SU-C1135
Project Title: Pump Station Improvements
Location: Citywide
2023 Adopted Budget: 1,823,114
Description: 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.

Project ID: MC-SU-C3711
Project Title: Drainage Facilities Rehabilitation
Location: Various
2023 Adopted Budget: 3,050,000
Description: 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.

Project ID: MC-SU-C4123
Project Title: Other Major Transportation Projects
Location: Various
2023 Adopted Budget: 1,719,095
Description: 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.

Project ID: MC-SU-C5403
Project Title: Enterprise Information Management
Location: Various
2023 Adopted Budget: 1,100,000

2023-2028 Adopted Capital Improvement Program

Appendix B: Capital Projects passing the \$5 million threshold with the 2023 appropriations.

Description:

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.

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.