CITY OF

Seattle, Washington

2016-2021 Adopted
Capital Improvement Program

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CITY OF SEATTLE

2016-2021 Adopted
Capital Improvement Program

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Reader's Guide to the 2016-2021 Adopted Capital Improvement Program

The City of Seattle's 2016-2021 Adopted Capital Improvement Program (CIP) includes an introduction, departmental sections, appendix, an index, and a glossary. The introduction provides information on the CIP, allocations, funding sources for capital projects, significant initiatives, support for neighborhoods and neighborhood plan projects, and policies guiding the City's capital investments.

Departmental sections comprise the majority of the CIP document, and contain detailed information on approximately 600 individual projects. The following departments have sections in this book: Parks and Recreation, Seattle Center, Seattle Public Library, Seattle Department of Transportation, Seattle City Light, Seattle Public Utilities (divided into four sections: Drainage and Wastewater, Solid Waste, Technology Projects, and Water), Department of Information Technology, and Finance and Administrative Services. The Appendix lists new or expanded capital facilities, as required by the Growth Management Act.

Reading CIP Project Pages

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

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

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

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

Start Date/End Date: Quarter and year a project begins and is expected to finish. Projects that continue from year-to-year are shown as "Ongoing." Projects without a determined start or end date may show as "TBD" or "On Hold."

Project ID: Unique number identifying a project in the City's automated financial management system.

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

Neighborhood Plan: If a project supports a neighborhood plan recommendation, the name of the neighborhood plan is indicated. Some projects are in more than one neighborhood plan, or not in a neighborhood plan. The City's 38 adopted neighborhood plans can be viewed online at http://www.seattle.gov/neighborhoods/npi/plans.htm.

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

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.

Revenue Sources: Revenues are all sources of money supporting a particular project such as grants, private donations, Councilmanic debt, Real Estate Excise Taxes, etc. The Revenue Source Table lists the project's revenue sources, life-to-date (LTD) expenditures through 2014; the 2015 revised budget (including 2015 Adopted Budget, carry-forward balances, abandonments, and supplemental appropriations); Adopted 2016 appropriations; and estimated appropriation requests for 2017-2021. "TBD" indicates that revenue sources are to be determined.

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

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

Spending Plan: This field is shown when spending differs from appropriation or allocation for a given year. This is displayed for a limited number of projects in this document.

Background

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

Every year during the annual budget process, the City adopts a six-year Capital Improvement Program (CIP) which outlines anticipated investments over that timeframe. The 2016-2021 Adopted CIP totals $6.0 billion over six years, with $1,099 million of that amount designated for the 2016 budget year.

Capital Planning Policies

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

- Preserve and maintain existing capital assets
- Support the goals of the City's plans
- Support economic development
- Consider external funding possibilities
- Consider revenue-generating possibilities
- Seek regional funding for regional projects
- Pursue cost-saving commitments
- Pursue conservation and sustainability investments

Additional specific considerations include:

- Compliance with regulatory requirements
- Coordination between departments and with other jurisdictions
- Public safety and health

Capital Program Funding

Like all large municipalities, Seattle relies on a variety of sources to pay for capital projects. These include locally-generated revenues (taxes, fees, voter-approved levies, and user charges), intergovernmental revenues (including state and federal grants), and debt issuance. Unlike pay-as-you-go sources of funding, the issuance of debt requires revenues in future years to repay the principal and interest expenses. These traditional sources continue to provide the majority of funds for capital facility investments. The City's level of capital investment is based on the mix and extent of financial resources available to the City.

Both Seattle City Light and Seattle Public Utilities fund utility projects with revenues from utility rates. Each utility's adopted financial policies 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.

Funding of the City's general government capital program is highly dependent on revenue from Real Estate Excise Taxes (REET), transportation-specific taxes, and in some cases, relies on General Fund support, as well. REET is a volatile revenue source that tracks closely to local economic activity. As shown in the graph below, REET revenues rose sharply in 2004-2007 during the economic expansion, but plummeted in 2008-2011 as activity fell off. REET revenues rebounded significantly in 2012 due to robust commercial activity. An improving residential market combined with continued strength in commercial activity has led to robust REET revenues over the past few years. While projections for 2015 anticipate REET revenues to continue growing, the forecast for 2016 shows a slight decline as commercial activity begins to slow. Although REET revenues in recent years have been relatively stable, large and sudden fluctuations in this revenue source make it difficult to depend upon for ongoing capital needs.

For this reason, the City maintains a reserve of REET funds to help offset fluctuations in revenue. The City dipped into this reserve in 2010, but through careful management of capital spending over the last several years, the City was able to replenish the $10 million target reserve level by the end of 2014. Maintaining this reserve is critical to ensure the City has sufficient funding to support core asset preservation work in the event of a future economic downturn.

As described above, the City also relies on other funding sources for its capital program, including locally-generated revenues (taxes, fees, voter-approved levies, and user charges) and intergovernmental revenues (including state and federal grants). Reliance on councilmanic or voter approved debt is another common financing tool, although those obligations must be repaid from the same set of limited resources including REET and General Fund revenues.

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

In addition to reliance upon general tax sources, Seattle undertook a number of major capital projects during the last two decades using voter-approved funds and Councilmanic (non-voted) debt. Voter-

approved capital projects include improvements to Seattle Center and construction of new or expanded community centers and parks, new or remodeled downtown and branch libraries, new or remodeled fire facilities, parks improvements, funding for low income housing, and replacement of the Central Seawall. The most recent capital project levies are:

- The 1998 Libraries for All Levy: A 30-year, $196 million dollar voted bond measure that built a new Central Library, four new branch libraries and renovated or replaced 22 branch libraries.
- The 1999 Community Centers and Seattle Center Levy: An eight-year, $72 million levy which renovated and expanded community centers as well as renovations to Seattle Center.
- The 2003 Fire Facilities and Emergency Response Levy: A nine-year, $167 million levy which upgrades or replaces the City's 33 fire stations and renovates the Chief Seattle fireboat, and built a new Emergency Operations Center and a new Joint Training Facility. Over the past year, the City has been assessing additional needs in its portfolio of public safety facilities, including but not limited to the replacement of the North Seattle Police Precinct and the Seattle Fire Department's Headquarters building. Given the costs of these investments, there is a potential that the City will return to voters for the funding required to address these projects.
- The 2006 Bridging the Gap Levy: A nine-year, $365 million levy for transportation maintenance and improvements. This levy is expiring at the end of 2015, but Seattle voters will have an opportunity to vote on an expanded transportation levy this November.
- The 2008 Parks and Green Spaces Levy: A six-year, $146 million levy to acquire, develop, or restore, existing or new, parks, recreation facilities, cultural facilities, green spaces, playfields, trails, community gardens, and shoreline areas. This levy expired at the end of 2014, but a new source of voter-approved revenue – the Seattle Park District – will provide an on-going funding source to help address major maintenance needs, as well as park development, at the Seattle Department of Parks and Recreation
- In August 2012, Seattle voters approved a seven-year, $123 million levy to support, maintain and improve core Library services. Included as part of the levy well 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 2012 Central Seawall Excess Levy: A 30-year, $290 million bond levy completes funding necessary to construct Phase 1 the Elliott Bay Seawall Project (from Washington Street to Virginia Street) and funds reconstruction of one of the public piers (Pier 62/63 and Waterfront Park).
- In August 2014, voters passed a ballot measure creating the Seattle Park District. The passage of the park district is the culmination of the Parks Legacy Plan project, led by the Parks Legacy Plan Citizens' Advisory Committee. The goal of the park district is to provide long-term, stable funding to support recreation programing, parks projects and the critical needs for investment in major and ongoing maintenance. 2016 is the first year that the Park District will collect property tax revenues and marks the first year of full funding for Park District projects. The Park District will provide over $30 million annually for major maintenance and capital projects.
- In November 2015, voters approved a nine year $930 million dollar Move Seattle Transportation Levy. The levy will generate $95 million in 2016, increasing every year until it reaches $112 million in 2024. The levy proceeds will be used to support safe routes, congestion relief and maintenance and repairs of our cities bridges and arterial roadways.

Funding Dynamics for Significant Future Capital Projects

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

Public Safety Facilities

A number of the City's public safety facilities are in need of upgrade or replacement. For example, Fire Station 5 on Alaskan Way, Fire Station 22 on East Roanoke Street, the Police Harbor Patrol facility on Lake Union and the Police North Precinct on College Way North all need to be remodeled or replaced. In addition, The Fire Department Headquarters is currently located in a seismically unsound building and the Department's fresh water boat facilities are in need of a major upgrade. Work is underway to develop specific cost estimates for these projects, with a specific focus on the North Police Precinct which represents the most pressing need.

Transportation

The City's existing transportation network faces an extensive backlog of major maintenance. Current funding is not sufficient to maintain the City's road, bridges, signs, etc. In addition, through a series of long-term planning efforts the City has completed "Master Plans" that identify large potential investments in a transit network, bicycle facilities and pedestrian-oriented infrastructure. In recent years, the Bridging the Gap transportation levy, which expired in 2015, has provided a significant amount of funding to help address all these needs. In November of 2015 voters approved a new nine year $930 million dollar levy that will address critical transportation programs such as safe routes, relief of congested roadways and maintenance and repair programs.

Waterfront

The City has developed an ambitious plan for the redevelopment of Seattle's downtown waterfront. The removal of the Alaskan Way Viaduct will provide an opportunity to reconnect the City and the waterfront. A portion of this project, Pike Place Market's redevelopment of City-owned property on Western Avenue is underway, and the Seattle Aquarium is moving forward in the planning phases for its expansion project. The 2016 - 2021 Adopted CIP identifies the mix of resources that will be used to fund these projects and the other elements of the overall Waterfront redevelopment. In addition to general government resources in the form of REET and General Fund-supported debt, the funding plan calls for significant contributions from a Local Improvement District (LID) and philanthropy. The LID will require that property owners who benefit from the project to pay a share of its cost. As the timeline for Viaduct removal becomes clearer, the City will initiate the LID process and further refine the funding plan.

Protecting and Creating Opportunities for Workers

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

Fair and equitable treatment of workers: While FAS monitors and enforces fair and equitable treatment of workers in City construction contracts to protect workers, due to limited resources, it could only focus on a small number of projects. In 2013, FAS increased its monitoring and enforcement of

wage and labor conditions on City-contracted construction projects, including Office of Housing-financed projects. The 2016 Adopted Budget provides funding to allow FAS to continue this program, expanding its scope to provide compliance monitoring for wage and labor violations for projects considered high-risk.

Reduce barriers to construction jobs: The City's own spending on major capital investments can help drive employment within the local economy. Construction jobs and related positions offer living-wage jobs that can support individuals and families. The 2016 Adopted Budget expands staff support for the "Priority Hire" program that was initiated last year. The program provides opportunities for City residents to work on City-funded capital projects. For major capital projects, City contractors enter into Community Workforce Agreements that are intended to increase employment for women, people of color and those living in economically distressed areas of the City.

Women and Minority Owned Business (WMBE): The City continues to successfully address contracting equity for minority- and women- owned businesses. In 2011, FAS implemented a Citywide requirement on all public work bids and contracts above $300,000 called the " Public Works WMBE Inclusion Plan" that continues to effectively encourage and enforce commitments by contractors to use WMBE firms. In 2014, FAS launched prompt pay initiatives which our WMBE firms report as very significant and meaningful for their business cash flow.

2016-2021 Adopted Capital Improvement Program Summary

The 2016-2021 Adopted CIP totals $6.0 billion for six years and includes approximately 635 individual projects. $3.6 billion of the six-year total, or 59%, are utility projects managed by Seattle City Light (SCL) and Seattle Public Utilities (SPU), and mostly are funded by utility rates. Seattle Department of Transportation's (SDOT) CIP totals for $1.5 billion (25%) over the six-year period, while the remaining departments (Parks and Recreation, Finance and Administrative Services, Seattle Center, Seattle Public Library, and Department of Information Technology) account for approximately $954 million, or 16%, of the six-year CIP.

2016-2021 Adopted CIP by Department (Dollars in Thousands)

Department	2015 Adopted	2016 Adopted	2017 Estimated	2018 -21 Estimated	2016-21 Total
Finance and Administrative Services	26,332	74,270	144,586	126,897	345,753
Information Technology	31,696	11,913	11,422	87,249	110,584
Parks and Recreation	20,719	54,566	66,178	316,467	437,211
Seattle Center	5,723	6,969	7,880	27,450	42,299
Seattle Public Library	3,648	4,527	4,957	9,946	19,430
Seattle Transportation	295,410	291,451	260,825	970,431	1,522707
Subtotal	**383,529**	**443,696**	**495,848**	**1,538,441**	**2,477,984**
City-owned Utilities					
Seattle City Light	395,897	413,727	393,526	1,380,931	2,188,184
SPU - Drainage & Wastewater	114,268	117,172	110,865	609,094	837,131
SPU - Solid Waste	51,615	32,129	17,674	10,263	60,066

Department	2015 Adopted	2016 Adopted	2017 Estimated	2018 -21 Estimated	2016-21 Total
SPU - Technology Projects	28,323	33,346	18,008	39,980	91,334
SPU - Water	76662	59,521	78,449	247,837	385,807
Subtotal	**666,765**	**655,895**	**618,522**	**2,288,105**	**3,562,522**
City Total	**1,050,294**	**1,099,591**	**1,114,370**	**3,826,546**	**6,040,506**

Notes:
1. 2015 Adopted totals are based on the 2015-2020 Adopted CIP.
2. Not all funds above are appropriated; see the 2016 Adopted Budget for a list of capital appropriations by department.

2016 Adopted CIP by Department - $ 1,100 Million

The table below identifies funding sources for the 2016-2021 Adopted CIP by Revenue Source Group.

2016-2021 Adopted CIP Revenues

Revenue Source Group (in $1,000s)	2015 Adopted	2016 Adopted	2017 Estimated
Federal Funds	3,844	8,383	12,923
King County Funding	208	4,373	1,697
Other City Funds	68,567	65,674	63,540

Revenue Source Group (in $1,000s)	**2015 Adopted**	**2016 Adopted**	**2017 Estimated**
Other Local Government	651	97	300
Private Funding	6,919	17,703	12,311
State Funding	23,193	20,867	36,761
Utility Funding	668,925	659,487	622,022
Real Estate Excise Tax	52,971	56,708	40,053
Bond Financed	42,896	109,690	35,800
Voter-approved Funds (Seattle and King Co.)	181,122	157,347	174,016
Other	0		114,946
Grand Total	**1,050,294**	**1,099,591**	**1,114,370**

2016 Adopted CIP by Revenue Source - $ 1,100 Million

Asset Preservation

A 2002 Asset Preservation Study found that, despite achieving targets recommended by the 1994 Citizens' Capital Investment Committee, the City still lagged behind industry-recommended levels of investment in asset preservation. The four general government departments involved in the study (Finance and Administrative Services, Library, Parks and Recreation, and Seattle Center) are responsible for about of 6.9 million square feet of building space, 2.6 million square feet of parking space, and 240 million square feet of grounds (primarily green space) and work yards. These assets have a replacement value of approximately $5 billion. Assuming an annual asset preservation funding target of 1.0% of the replacement value for buildings and 0.5% of the replacement value for other assets, the City should be investing about $50 million (2013 dollars) per year in asset preservation. These percentage targets are consistent with those used by other jurisdictions that were polled as part of this study's review of best practices.

In 2016, the City will spend $29 million from the Cumulative Reserve Subfund (CRS) and $62 million overall on asset preservation of general government infrastructure in parks, libraries, civic buildings, and on the Seattle Center campus. Space rent charges continue to fund projects in the Department of Finance

and Administrative Services as recommended by the 2002 Asset Preservation Study. The department of Transportation will spend an additional $156 million on asset preservation of infrastructure in 2016.

Cumulative Reserve Subfund

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

The table below shows department allocations from CRS along with other special programs, including debt service payments, support for the Design Commission, Artwork Conservation and the City's Tenant Relocation Assistance Program. Further explanations of these special programs can be found in the 2016 Adopted Budget.

CRS APPROPRIATIONS BY DEPARTMENT

	($1,000s)	2016 Endorsed	2016 Adopted
	Department	**Dept Capital**	**Dept Capital**
	Seattle Center	$5,475	$6,134
	Seattle Department of Transportation	$21,832	$34,813
	Seattle Public Library	$1,016	$2,285
	Department of Parks & Recreation	$12,300	$15,230
	Finance & Administrative Services Department	$14,260	$16,652
	Cumulative Reserve Subfund Direct Spending	$3,830	$9,594
TOTAL		**$58,385**	**$84,707**

Neighborhood Projects

Support for Neighborhoods and Neighborhood Plan Projects

The 2016-2021 Adopted CIP contains more than 61 projects, totaling approximately $257 million, in support of neighborhood plans in 2016. The plans, created with input from 20,000 citizens and approved by the City Council, identify actions desired to ensure the City's neighborhoods continue to thrive and improve as Seattle grows over the next 20 years, as well as meet commitments under the State's Growth Management Act. Projects supporting neighborhood plan recommendations are found throughout the CIP and include parks, street and pedestrian improvements, libraries, community centers, drainage improvements, and pedestrian and safety lighting. When a project's location is included in a neighborhood plan's geographic parameters, the neighborhood plan is indicated. Funding for these projects comes from voter-approved levies, the Neighborhood Matching Subfund, the Cumulative Reserve Subfund, utility funds, Community Development Block Grant funds, and other public and private sources.

Neighborhood Project Fund

Beginning in 1999, the City set aside approximately $1 million per year from the Cumulative Reserve Subfund (CRS) for major maintenance projects identified in neighborhood plans. The Mayor, as part of his commitment and investment in Neighborhoods, added an additional $1 million of CRS resources for 2015 and 2016. These neighborhood projects are identified and prioritized by the community, and selected for funding by the Department of Neighborhoods, SDOT, Parks, and the City Budget Office. The most recent selection process was completed in August 2015, resulting in the project list below. The Department of Parks and Recreation budget includes $207,000 of CRS REET II funding and SDOT's budget includes $1,793,000 of CRS REET II funding. SDOT also contributes an additional $200,000 of resources to supplement the available resources for these projects. In addition to the 2016 resources, approximately $200,000 is being awarded from unallocated amounts from the 2015 Adopted Budget. See SDOT project TC365770 (NSF/CRS Neighborhood Program) and Parks project K732376 (Neighborhood Capital Program) for more detail.

2016 Neighborhood Projects Funds – Small Projects

District Council	Project ID #	Project Description	Dept	CRS/NSF Amount
Ballard	2015-112	Design and construction of doweled in curb bulbs into NW Market St and 11th Ave NW on the SW & NE corners.	SDOT	90,000
Ballard	2015-131	Public space improvement at 17th Ave NW, NW Dock St, Russell Ave NW and NW 50th St.	SDOT	86,800
Subtotal Ballard				**176,800**
Central	2015-071	Phase 1: Installation of sidewalk into the park at 19th Ave and E Madison	PARKS	51,436
Central	2015-083	Install concrete walkway into the park at S Atlantic St and 23rd Ave	PARKS	56,485
Central	2015-150	Asphalt repairs at E Spring St between 33rd and 34th Ave.	SDOT	79,100
Central	2015-142	Pedestrian safety improvements at 20th and Union	SDOT	8,300
Subtotal Central				**195,321**
Delridge	2015-118	Traffic safety improvements at 35th Ave SW and SW Graham	SDOT	62,400
Delridge	2015-054	Pedestrian safety improvements at Avalon Way SW and Yancy St	SDOT	90,000
Delridge	2015-028	Improve access to Highland Park	PARKS	112,596
Subtotal Delridge				**264,996**
Downtown	2015-041	Install curb ramps at 2 locations in Pioneer Square	SDOT	70,000

District Council	Project ID #	Project Description	Dept	CRS/NSF Amount
Downtown	2015-094	Traffic analysis, outreach and conceptual design for improvements at Denny Way and Lenora St	SDOT	90,000
Downtown	2015-124	Installation of table and chairs at Hing Hay Park	PARKS	38,300
Subtotal Downtown				**198,300**
East	2015-110	Design Neighborhood Greenway segment at E Harrison St and Boyer along Lake Washington	SDOT	40,000
East	2015-128	Design phase for crosswalks and curb ramps, as well as low cost improvements at E Denny Way and 12th Ave E	SDOT	15,500
East	2015-104	Design and Installation of a pedestrian improvements at the vicinity of Pike St and Melrose Ave intersection.	SDOT	90,000
East	2015-058	Study and design of a bicycle facility and pedestrian improvements in the vicinity of E Harrison between 29th Ave E and 39th Ave E.	SDOT	40,000
Subtotal East				**185,500**
Greater Duwamish	2015-102	Install staircase at S Alaska Pl	SDOT	90,000
Greater Duwamish	2015-123	Pending City Light approval, pave pathway connections to Chief Sealth Trail around New Holly	SDOT	89,500
Subtotal Greater Duwamish				**179,300**
Lake Union	2015-113	Install RRFB at N 43rd and Stone Way N	SDOT	89,300
Subtotal Lake Union				**89,300**
Magnolia/Queen Anne	2015-022	Pruning of vegetation and low-cost intersection improvements at intersection of Queen Anne, Queen Anne Dr and 4th Ave N, and traffic analysis for pedestrian/circulation improvements	SDOT	35,000
Magnolia/Queen Anne	2015-007	Pave sidewalk and make curb cuts at 43rd Ave W and W Dravus	SDOT	90,000

District Council	Project ID #	Project Description	Dept	CRS/NSF Amount
Magnolia/Queen Anne	2015-057	Replace rolled curb at Queen Anne Boulevard and west side of Bigelow Ave between Newton and Howe St	SDOT	65,000
Subtotal Magnolia/QA				**190,000**
North	2015-038	Sidewalk installation at NE 143rd to 30th Ave NE	SDOT	90,000
North	2015-016	Study and conceptual design of a Neighborhood Greenway at 37th Ave NE between NE 145th and NE 125th and crossing of NE 125th St at 38th Ave NE	SDOT	30,000
North	2015-085	Installation of a curb bulb at 35th Ave NE & Erickson Pl NE	SDOT	76,300
Subtotal North				**196,300**
Northeast	2015-078	Pedestrian safety improvements at 15th Ave NE and NE 50th St	SDOT	19,000
Northeast	2015-135	Develop conceptual design for the Sand Point Corridor	SDOT	90,000
Northeast	2015-101	Removal of street trees and construction of a retaining wall at Brooklyn Ave NE between 50th and 52nd St	SDOT	59,000
Northeast	2015-098	Excavate portions of roadway and install barricades at Weedin Place	SDOT	30,000
Subtotal Northeast				**198,000**
Northwest	2015-136	Repair of walkway on the west side of 3rd Ave NW between 132nd and 140th St	SDOT	90,000
Northwest	2015-109	Installation of curb ramps and landing pads at 1st Ave NW and midblock intersection with Morrow Lane.	SDOT	69,350
Northwest	2015-138	Drainage improvements on East side of 3rd Ave between 140th and 143rd St	SDOT	83,500
Subtotal Northwest				**242,850**
Southeast	2015-014	Design and partial construction of sidewalk at 34th Ave S and S Charlestown St	SDOT	90,000

District Council	Project ID #	Project Description	Dept	CRS/NSF Amount
Southeast	2015-129	Installation of traffic circle at S Oregon St and Renton Ave S	SDOT	34,100
Southeast	2015-034	Installation of curb ramps and crosswalk at S Othello at Greenway	SDOT	45,000
Southeast	2015-147	Clearing of overgrowth on path between Rainier Beach Library and Barton Place Apartments	SDOT	21,600
Subtotal Southeast				**190,700**
Southwest	2015-050	Pedestrian safety improvements at SW Juneau and California Ave SW	SDOT	90,000
Southwest	2015-055	Street trees along California Ave SW from SW Juneau Ave to SW Myrtle St	SDOT	24,000
Subtotal Southwest				**114,000**
GRAND TOTAL				**2,421,567**

Neighborhood allocations include approximately $220,000 of unallocated amounts from the 2015 Adopted Budget

Neighborhood Matching Subfund

The 2016 Adopted Budget maintains funding to Neighborhood Matching Subfund (NMF) grant programs. A number of CIP projects, particularly in the Department of Parks and Recreation, include funding from NMF.

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

Please see the NMF section in the 2016 Adopted Budget for additional information

Art and Design Funding for City Capital Projects

1% for Art Program

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

Municipal Art Fund revenues from the 1% for Art program can fluctuate significantly from year-to-year depending on changes in City capital investments. In 2016, the Municipal Art Fund is expected to receive approximately $3.1 million from capital departments for the 1% for Art program, as described below.

1% for Art Revenues	2016 Endorsed	2016 Adopted
City Light	$1,066,033	$1,116,644
Seattle Public Utilities	$978,532	$978,532
Finance & Admin. Services	$145,081	$0
Seattle Center	$7,000	$12,100
Parks & Recreation	$129,000	$75,480
Transportation	$1,003,022	$1,032,575
Total	**$3,328,968**	**$3,119,647**

In addition to the 1% for Art revenues identified above, Arts receives $187,000 in 2016 from the Cumulative Reserve Subfund for repair of all sited and portable artworks.

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 Capital Improvement Program. Commission members are appointed by the Mayor for a renewable two-year term. Membership is comprised of two licensed architects, one professional fine artist, one appointee from the Get Engaged program, one lay member, and at least one and no more than two from each of the following categories, for a maximum total of five (professional urban planner, professional environmental or urban designer, landscape architect, and licensed professional engineer). The Design Commission is fully funded with funds from the Cumulative Reserve Subfund.

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

Background of Capital Improvement Program Policy Drivers

As described above, City investments in capital projects are guided by a set of key policies reflecting the City's values and priorities. These policies shape how the City takes care of buildings and infrastructure, invests in capital projects in areas that have accepted growth as envisioned in the City's Comprehensive Plan, preserves the City's and greater Seattle'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 ground-breaking approach to demonstrating City leadership and transforming the marketplace.

Since 2000, the green building community has experienced exceptional growth in expertise and capacity. Recognizing this change, in 2011 the Executive proposed an updated Sustainable Building Policy which the Council unanimously passed in October of 2011 (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 realms.

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

- For new construction, additions and major renovation projects 5,000 square feet or greater
    - The minimum required green building rating is LEED Gold;
    - There are minimum requirements for energy and water efficiency, construction waste reductions, and bicycle amenities;
- For tenant improvement projects 5,000 square feet or greater, where the scope includes mechanical, electrical, and plumbing
    - The minimum required green building rating is LEED Gold;
    - There are minimum requirements for water efficiency and construction waste reductions;

- Completion of a Capital Green checklist is required for projects smaller than 5,000 sf or those otherwise not eligible for a LEED rating;
- City departments are encouraged to test new approaches and standards, such as the Living Building Challenge and the Sustainable Sites Initiative;
- Annual reporting of performance under the policy is required by March 31st of each year.

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

City of Seattle Comprehensive Plan

The Comprehensive plan is a 20-year vision and roadmap for Seattle's future. The plan guides City decisions on where to build new jobs and houses, how to improve our transportation system, and where to make capital investments such as utilities, sidewalks, and libraries. The Plan is the framework for most of Seattle's big-picture decisions on how to grow while preserving and improving our neighborhoods. The Department of Planning and Development released a draft of the updated City's Comprehensive Plan in May of this year and will finalize much of the work over the next several months. The Comprehensive plan helped inform the development of the 2016-2021 Adopted CIP as departments have taken special note of capital projects in neighborhoods targeted for substantial growth in the future or that have received substantial growth in the last few years. This effort is intended to make sure areas receiving growth have the appropriate physical infrastructure to accommodate such growth, while balancing the major maintenance of existing facilities, such as power distribution systems, pipes, community centers, swimming pools, libraries, and streets that are located throughout the City, not just in targeted growth areas

Federal and State Regulatory Requirements

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

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

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

Endangered Species Compliance

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

Americans with Disabilities Act

The United States Department of Justice (DOJ) conducted an audit of select City of Seattle facilities, practices and procedures, in order to assess City compliance with the Americans with Disabilities Act (ADA), and reported its findings to the City. While the City is largely in compliance, there are some elements within facilities that the DOJ has requested that the City update or alter in order to improve accessibility for individuals with disabilities. In 2016, the City will continue to appropriate funds to alter or address items where the City agrees accessibility can be improved. In addition, planning for a survey of City facilities is underway. A project manager added in 2011 will continue to coordinate and oversee implementation of ADA improvements in certain City facilities; determine and report compliance to DOJ; and review and modify as needed the facilities design and construction process with regard to the ADA. Additionally, a citywide prioritization process was developed to allocate ADA funding among the five implementing departments: Parks and Recreation, Seattle Center, Seattle Public Library, Department of Transportation and Finance and Administrative Services (FAS). Among other criteria, the process aimed to identify the highest-use facilities and those where ADA work could be done at the same time as other planned remodeling.

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

Historic Preservation

Seattle's commitment to historic preservation began with citizen efforts in the 1960s to block the demolition of two of Seattle's oldest neighborhoods - the 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 Seattle 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 Seattle City Council adopted a Landmarks Preservation Ordinance to safeguard properties of historic and architectural significance throughout the City, and more than 450 buildings, sites, and objects have now been designated as City landmarks.

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

Parks and Recreation

Overview

The Department of Parks and Recreation's (Parks) mission statement is: "Seattle Parks and Recreation provides welcoming and safe opportunities to play, learn, contemplate and build community, and promotes responsible stewardship of the land." Achievement of this statement is manifest in a 6,200-acre park system of 465 parks and extensive natural areas. Parks provides athletic fields, tennis courts, play areas, specialty gardens, and more than 25 miles of boulevards and 120 miles of trails. The system comprises about 11% of the city's land area. Parks also manages many facilities, including 26 community centers, eight indoor swimming pools, two outdoor (summer) swimming pools, four environmental education centers, two small craft centers, four golf courses, an outdoor stadium, a conservatory, a Japanese garden, and much more.

CIP Revenue Sources

Funds for the development of the system and for ongoing asset management come from a variety of sources. The Seattle Park District, passed by the voters in 2014, provides a significant increase in funding for Parks capital projects. Other funding includes the 2008 Parks and Green Spaces Levy, the Cumulative Reserve Subfund, the Shoreline Park Improvement Fund, Councilmanic debt, and other special fund sources, grants, and private donations. The funding sources used to cover annual debt service vary depending on the projects being debt financed: golf revenues are used to repay all golf-related debt; aquarium revenues pay for a portion of the debt service on the bonds used to renovate Pier 59; revenue from Magnuson Park rentals is expected to pay most of the debt service for the renovations of Buildings 11 and 30; and the General Fund covers debt service for the rest of the Pier 59 bonds and on other Parks-related bond funds.

Seattle Park District

In August 2014 the voters of Seattle passed a ballot measure creating the Seattle Park District (a metropolitan park district). The Seattle Park District provides for a new taxing authority and ongoing revenue source to fund increased parks and recreation services and capital projects. The Seattle Park District has the same boundaries as the City of Seattle. The City Council members, acting *ex officio* and independently, comprise the governing board (the District Board). In 2016, the Seattle Park District will generate $34.2 million of revenue for Parks capital budget with the largest component going towards major maintenance. Park District funds will now make up over half of Parks' capital budget.

Cumulative Reserve Subfund

The Cumulative Reserve Subfund also provides funding for Parks' capital budget, and it is used for asset management purposes. This funding is provided by revenues from Real Estate Excise Taxes. It is used to address various capital programs, such as boiler replacement, electrical system upgrades, small irrigation upgrades, small ballfield improvements, small roofing replacement, paving restoration, landscape and forest restoration, and others. It also funds replacement of aging ballfield lighting systems and certain aquarium infrastructure projects.

2008 Parks and Green Spaces Levy

The 2008 Parks and Green Spaces Levy, was a six-year $145.5 million levy intended "to acquire, develop, or restore, existing or new, parks, recreation facilities, cultural facilities, green spaces, playfields, trails, community gardens, and shoreline areas." The levy package, largely modeled after the successful 2000 Pro Parks Levy, provided for acquisition of new parks and green space, and for development and improvement of various parks throughout the city. This included renovation of 23 play areas, park development atop lidded reservoirs, renovation of several existing parks and cultural facilities, and an environmental category to provide funding for the Green Seattle Partnership, community gardens, trails, and improved shoreline access at street ends. An Opportunity Fund

Category funded other community-identified projects. This levy ended in 2014, but continues to collect revenues on delinquent property taxes. The capital budget does not include any new appropriations of levy funds, but Parks will continue to spend down existing appropriations.

2016-2021 CIP Highlights

The 2016 Capital Improvement Program (CIP) reflects a wide range of projects. The primary funding source is the Seattle Park District which provides about $34.2 million for capital projects in 2016. Additionally, the Cumulative Reserve Subfund (CRS) provides approximately $15.2 million, through a combination of $14.8 million in REET I and REET II, and $0.4 million in CRS-Unrestricted. The remaining $4.7 million in the CIP comes from a federal Community Development Block Grant (CDBG), the Central Waterfront Improvement fund and King County.

Park's 2016 CIP maintains a strong commitment to asset preservation. As such, the projects proposed for REET are prioritized consistent with Parks' asset management criteria. Ongoing major maintenance projects, such as environmental remediation, landscape and forest restoration, irrigation system repair, pavement restoration, and replacing major roof and HVAC systems address basic infrastructure needs across the Parks system. The 2016 CIP also provides REET for capital maintenance at Bell Harbor Marina ($1 million), algae reduction treatment at Green Lake ($1.2 million), and moorage improvements ($2 million).

The Seattle Park District capital funding levels remain the same as the 2016 Endorsed Budget and totals $34.2 million annually starting in 2016. Significant Park District investments for 2016 include:

- working to address the major maintenance backlog ($16.8 million);
- community center rehabilitation projects ($4.3 million);
- making progress on the Green Seattle Partnership goal of restoring 2,500 acres of urban forestland by 2025 ($2.2 million); and
- begin development of new parks at land-banked sites ($5 million).

Parks will continue to use CDBG funds for the Seattle Conservation Corps in 2016. The Seattle Conservation Corps (SCC) executes park improvement projects in low to moderate-income neighborhoods, while at the same time providing training and employment for formerly homeless adults. In 2016, $808,000 will be used to fund the SCC to improve approximately 20 parks through the Parks Upgrade Program.

The 2008 Parks and Green Spaces Levy projects are winding down. While there are no new allocations in 2016, spending will continue for a few more years as final projects wrap up.

Thematic Priorities

Parks analyzes and prioritizes projects generated in the identification stage of the capital improvement program development using the priority ranking based on Parks management guidance and the City Council's "Basic Principles Underlying Strategic Capital Planning," policies established in Resolution 30365:

Policy 1. Preserve and maintain existing infrastructure. While building new infrastructure is often seen as more glamorous, maintaining existing infrastructure is critical to ensuring continued service and protection of previous capital investments…

Policy 2. Support the goals of the City's functional plans. Capital investments will be targeted to support the goals of the Comprehensive Plan, recognized neighborhood plans, adopted facility, department, or sub-area Master Plans, and other adopted City functional plans…

Policy 3. Support economic development. The City's ability to fund major maintenance and capital development in the long run depends on the strength of the City's economy and tax base…

Parks is committed to developing and managing an environmentally sustainable park system that is safe and welcoming for all users, including residents of the city and visitors to Seattle. This means effective use of energy and utilities in all of our facilities, being efficient in the use of water for irrigation and other uses; creating efficiently-maintained landscapes; and operating clean and safe park facilities.

These principles have led Parks to use available resources to undertake energy conservation improvements to various facilities, to continue to make investments that preserve the integrity of facilities; to make improvements that ensure public safety in the parks, and to address various code deficiencies. Examples of this last principle include upgrades to play areas to meet modern play area safety guidelines as well as Americans for Disability Act (ADA) guidelines to ensure safe access to park and recreation opportunities.

Project Selection Criteria

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

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

Typically, Parks staff score and rank all of the projects included in the asset management plan with the six overarching criteria that most closely match the need for the project. The following six criteria are used to rank the projects:

Priority 1 – Code Requirements (100 points) The project brings a facility or element up to federal, state, and Seattle code requirements (such as ADA, water quality, fire suppression, and seismic), or meets other legal requirements. (Note: Projects that primarily are ADA-focused fall under this priority. ADA elements will also be completed as part of projects that fall under other priorities.)

Priority 2 – Life Safety (35 points) 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, or a documented environmental health hazard.

Priority 3 – Facility Integrity (30/25/20 points) The project will 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.

30 points: Extends life cycle, high usage/heavily programmed, underserved area, community center, emergency shelters.
25 points: Extends life cycle, high usage/programmed.
20 points: Extends life cycle.

Priority 4 – Improve Operating Efficiency (25 points) The project will result in the reduction of operating and maintenance costs, including energy and water savings.

Priority 5 – Other (5 Points) Projects that have a unique element (e.g., leverage other funds) and/or are known needs that do not fit the other priorities.

Priority 6 – Project Necessary in Next Biennium (5 points) Projects identified in plans and other documents that need to be done in the upcoming biennium (e.g., scheduled synthetic turf replacement or regulatory deadlines).

Parks' application of these criteria results in project lists that first address code and life safety issues. These could include ADA improvements, roof replacement, seismic upgrades, and piling replacement, among other types of code and life safety issues. If there are sufficient funds available, the next highest priorities are facility integrity-related projects. Protection of the exterior "skin" of a building by replacing roofs, walls, and windows will maintain the viability of the facility and ensure its usefulness for programs and staff. Other investments that extend the life of the building such as renovation or replacement of electrical, plumbing, and heating systems are also given priority. Work that reduces operating and maintenance costs or produces water and energy savings are also priorities. Finally, projects that leverage other funds or should be done in the biennium such as planned turf replacements are the next priorities.

Summary of Upcoming Budget Issues and Challenges

Parks has several very large assets in need of attention but are beyond the capacity of the typical annual outlay of CRS funding. Waterfront Park (Pier 58) is deteriorated and load limits have been placed on its use. The metal reinforcement of the concrete promenade and gallery structures are so deteriorated they are seismically unsound. Piers 62 and 63 deteriorated to the point that the popular Summer Nights on the Pier concert series was cancelled after the 2004 season due to load limits and the need for major repairs. The Office of the Waterfront is the City's lead agency responsible for project design and construction, including pier reconstruction as part of the redevelopment of the entire waterfront and the reconstruction of the seawall (as set forth in the 2012 Central Seawall Excess Levy).

Magnuson Park is the 309 acre former Sand Point Naval Air Station property. The park's setting on Lake Washington is idyllic, and many of the 55 buildings and other remnants of the Navy operations have retained their unique historic character. There are, however, over $38 million in identified needs to address building code deficiencies and major maintenance needs in Building 2 (two large hangars), Building 18 (tenant improvements), and Building 47 (completing the community center renovation), among others. An additional $4 million is needed for infrastructure improvements such as road and parking improvements, sanitary and storm sewer renovation, and site lighting. Parks is exploring opportunities to develop partnerships to share the renovation costs, which will both preserve the buildings and ensure they are occupied in the long term.

Future Projects/What is on the Horizon

Traditionally, Parks has not had sufficient resources to support ongoing asset management of the Parks system, and over the years has accumulated a large major maintenance project backlog. A major

maintenance project is a capital investment intended to preserve a facility. Typically, these projects are expensive and long lasting, costing at least $20,000 and designed to function for at least 15 years. Projects can take anywhere between 1-3 years to complete. A backlog exists because the number of projects has historically outpaced funding.

Fortunately, in August, 2014, Seattle voters passed the Seattle Parks District; almost three quarters of the Park District funding will be used to support capital projects and of that, nearly half will address major maintenance. This is a substantial investment allowing Parks to systematically address the major maintenance needs of the system. The backlog is not a finite list of projects, and Parks will continue to update it as the department completes more facility assessments and projects come to the end of their lifecycles. Because there is not a beginning and end to major maintenance and preserving the systems assets, Parks will establish six-year goals to show progress over the long term. By 2021, Parks plans to complete 126 major maintenance projects. Over time, this funding should allow Parks to reduce, and perhaps eventually eliminate, the backlog.

In conjunction with the above, Parks is prioritizing resources to build capacity for asset management planning and tracking and to centralize capital planning efforts for consistency and better implementation of public involvement and project-delivery efforts. Parks is also currently working with a vendor to develop a new Asset Management and Work Order System to further improve the tracking of capital assets. This system will allow Parks to integrate separate data systems and give the department the tools for better data collection, analysis and decision making.

City Council Changes to Proposed CIP

The City Council redirected 2013 King County Levy funds to two separate projects and backfilled each with other fund sources. The Council transferred $200,000 in DPR for a feasibility study of land trust strategies and backfilled it with REET II and general fund dollars—more information can be found in the DPR department section. The Council redirected $348,000 of 2013 King County levy funds for the Rainier Beach Urban Farm and Wetlands Project and backfilled it with REET II. The change created a new BCL, the Opportunity Fund Development BCL, which will be used to expand the farm, make improvements to the site, and make it a premier educational facility for sustainable community urban agriculture.

City Council Provisos to the CIP

Council adopted the following capital budget provisos:

- Of the appropriation in the 2016 budget for the Department of Parks and Recreation's Building Component Renovations BCL, $300,000 is appropriated solely for the construction of a restroom at the Bush Hotel and may be spent for no other purpose. Furthermore, none of the money so appropriated may be spent until authorized by a future ordinance which releases existing easements and restrictive covenants granted by the Seattle Chinatown-International District Preservation and Development Authority ("Authority") to the City of Seattle in exchange for new easements, covenants and/or condominium rights, title, and interests in a Bush Hotel restroom granted from the Authority to the City.

- None of the money appropriated in the 2016 budget for the Department of Parks and Recreation's (DPR) Docks, Piers, Floats, Seawalls, Shorelines BCL may be spent for repair of the Lakewood and Leschi Moorages until DPR submits and the Council approves by ordinance an agreement with a new Lessee/Concessionaire who will operate and make repairs or renovations to these moorages.

Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
1999 Community Center Improvements						**BCL/Program Code:**			**K72654**
Belltown Neighborhood Center (K73484)	1,864	269	0	0	0	0	0	0	2,133
1999 Community Center Improvements	1,864	269	0	0	0	0	0	0	2,133
2008 Parks Levy- Cultural Facilities						**BCL/Program Code:**			**K720021**
Langston Hughes Performing Arts Center Renovation-2008 Parks Levy (K730121)	3,444	126	0	0	0	0	0	0	3,570
Seattle Asian Art Museum Renovation (K730122)	0	0	0	0	7,000	6,972	0	0	13,972
2008 Parks Levy- Cultural Facilities	3,444	126	0	0	7,000	6,972	0	0	17,542
2008 Parks Levy- Forest & Stream Restoration						**BCL/Program Code:**			**K720030**
Urban Forestry - Green Seattle Partnership- 2008 Parks Levy (K730136)	3,843	640	0	0	0	0	0	0	4,483
2008 Parks Levy- Forest & Stream Restoration	3,843	640	0	0	0	0	0	0	4,483
2008 Parks Levy- Green Space Acquisition						**BCL/Program Code:**			**K720011**
Donations- Green Space (K730139)	37	38	0	0	0	0	0	0	75
Green Space Acquisitions- 2008 Parks Levy (K730011)	6,827	2,678	0	0	0	0	0	0	9,505
2008 Parks Levy- Green Space Acquisition	6,864	2,716	0	0	0	0	0	0	9,580
2008 Parks Levy- Major Parks						**BCL/Program Code:**			**K720023**
Major Parks- 2008 Parks Levy (K730023)	14	22	0	0	0	0	0	0	36
Washington Park Arboretum Improvements- 2008 Parks Levy (K730132)	2,718	186	0	0	0	0	0	0	2,904
2008 Parks Levy- Major Parks	2,732	208	0	0	0	0	0	0	2,940
2008 Parks Levy- Neighborhood Park Acquisition						**BCL/Program Code:**			**K720010**
Neighborhood Park Acquisitions- 2008 Parks Levy (K730010)	16,545	7,820	0	0	0	0	0	0	24,365
2008 Parks Levy- Neighborhood Park Acquisition	16,545	7,820	0	0	0	0	0	0	24,365
2008 Parks Levy- Neighborhood Parks and Playgrounds						**BCL/Program Code:**			**K720020**
14th Avenue NW Park Boulevard Development (NW 58th to NW 62nd) (K730176)	0	2,625	0	0	0	0	0	0	2,625

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

Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Bobby Morris Playfield Turf Replacement-2008 Levy (K730201)	0	1,069	0	0	0	0	0	0	1,069
Emma Schmitz Sea Wall Replacement-2008 Levy (K730194)	1	649	0	0	0	0	0	0	650
Gas Works Park Play Area Renovation (K730089)	133	1,267	0	0	0	0	0	0	1,400
Green Lake Community Center Electrical and Mechanical Renovation-2008 Levy (K730195)	0	1,216	0	0	0	0	0	0	1,216
Hiawatha Community Center Renovation-2008 Levy (K730196)	0	1,193	0	0	0	0	0	0	1,193
Hing Hay Park Development (K730091)	545	2,825	0	0	0	0	0	0	3,370
Lake Union Park Walkway Renovations-2008 Levy (K730197)	0	350	0	0	0	0	0	0	350
Magnuson Park Building #406 Roof Replacement-2008 Levy (K730198)	0	1,352	0	0	0	0	0	0	1,352
Marra-Desimone Park Development (K730100)	66	1,034	0	0	0	0	0	0	1,100
Neighborhood Parks & Playgrounds- 2008 Parks Levy (K730020)	128	219	0	0	0	0	0	0	347
Play Area Renovations-2008 Levy (K730202)	0	893	0	0	0	0	0	0	893
Pratt Park Water Feature Renovation-2008 Levy (K730199)	0	514	0	0	0	0	0	0	514
Victor Steinbrueck Park Renovation (K730115)	26	1,574	0	0	0	0	0	0	1,600
2008 Parks Levy-Neighborhood Parks and Playgrounds	899	16,780	0	0	0	0	0	0	17,679
Ballfields/Athletic Courts/Play Areas						**BCL/Program Code:**			**K72445**
Ballfield Lighting Replacement Program (K732310)	3,203	123	0	500	500	500	500	500	5,826
Ballfields - Minor Capital Improvements (K732415)	363	2	0	50	50	50	50	50	615
Delridge Playfield Synthetic Turf Resurfacing (K732487)	0	0	0	0	0	0	1,846	0	1,846
Garfield Playfield Infield Synthetic Turf Resurfacing (K732489)	0	0	0	0	0	0	561	0	561

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Genesee Playfield #1 Synthetic Turf Resurfacing (K732488)	0	0	0	0	0	0	707	0	707
Genesee Playfield #2 Synthetic Turf Resurfacing (K732485)	0	0	0	0	0	0	823	0	823
Georgetown Playfield Turf Replacement (K732456)	0	0	0	0	870	0	0	0	870
Hiawatha Playfield Synthetic Turf Resurfacing (K732486)	0	0	0	0	0	0	1,092	0	1,092
Lower Woodland Park Playfield #2 Synthetic Turf Replacement (K732477)	0	0	0	0	0	550	0	0	550
Lower Woodland Park Playfield #7 Synthetic Turf Replacement (K732478)	0	0	0	0	0	425	0	0	425
Loyal Heights Playfield Turf Replacement (K732465)	0	0	0	1,069	0	0	0	0	1,069
Magnuson Park (5 Fields) Synthetic Turf Replacement (K732479)	0	0	0	0	0	1,532	0	0	1,532
Miller Playfield Synthetic Turf Replacement (K732475)	0	0	0	0	0	495	0	0	495
Play Area Renovations (K732468)	0	500	1,000	1,107	1,500	1,500	0	0	5,607
Play Area Safety Program (K732403)	512	186	150	150	150	150	150	150	1,598
Pratt Park Water Feature Renovation (K732469)	0	171	0	0	0	0	0	0	171
Queen Anne Bowl Playfield Turf Replacement (K732470)	0	0	0	0	480	0	0	0	480
Tennis & Basketball Court Renovation Program (K732404)	301	0	0	100	100	100	100	100	801
Walt Hundley PF Synthetic Turf Replacement (k732496)	0	0	0	0	0	0	0	1,100	1,100
Ballfields/Athletic Courts/Play Areas	4,379	982	1,150	2,976	3,650	5,302	5,829	1,900	26,168
Building Component Renovations						**BCL/Program Code:**			**K72444**
ADA Compliance - Parks (K732434)	948	2,892	0	0	0	0	0	0	3,840
Boiler and Mechanical System Replacement Program (K732306)	1,329	0	0	175	175	175	175	175	2,204
Comfort Station Renovations (K732453)	0	399	960	660	1,186	660	0	0	3,865

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Electrical System Replacement Program (K732307)	900	0	0	150	150	150	150	150	1,650
Gilman Playground Shelterhouse Sewer Replacement (K732457)	0	0	0	0	0	0	0	0	0
Green Lake CC - Evans Pool Roof Replacement & Solar Hot Water (K732448)	208	1,464	0	0	0	0	0	0	1,672
HVAC System Duct Cleaning Program - Large Buildings (K732421)	172	38	35	35	35	35	35	35	420
Jefferson Community Center Renovation (K732462)	0	0	0	0	0	661	0	0	661
Lake City Community Center Improvements (K732472)	46	454	0	0	0	0	0	0	500
Loyal Heights Community Center Renovation (K732464)	0	0	0	197	1,671	0	0	0	1,868
Magnuson Park Building #406 Roof Replacement (K732467)	8	178	0	0	0	0	0	0	186
Municipal Energy Efficiency Program - Parks (K732433)	428	435	0	0	0	0	0	0	863
Pioneer Square Comfort Station (K732494)	0	320	0	0	0	0	0	0	320
Roof & Building Envelope Program (K732420)	1,207	399	350	350	350	350	350	350	3,706
Seattle Asian Art Museum Restoration (K732369)	862	1,238	0	0	0	0	0	0	2,100
Utility Conservation Program (K732336)	2,499	405	355	355	355	355	355	355	5,034
Building Component Renovations	8,607	8,222	1,700	1,922	3,922	2,386	1,065	1,065	28,889
Building For The Future - CIP						**BCL/Program Code:**			**K720302**
Activating and Connecting to Greenways (K730309)	0	0	200	205	210	215	221	226	1,277
Develop 14 New Parks at Land-Banked Sites (K730308)	0	0	4,998	4,288	4,180	0	0	0	13,466
Major Projects Challenge Fund (K730307)	0	0	1,600	1,640	1,681	1,723	1,766	1,810	10,220
Park Land Acquisition and Leverage Fund (K730306)	0	0	2,000	2,050	2,101	2,154	2,208	2,263	12,776
Smith Cove Park Development (K730311)	0	30	550	2,900	2,550	0	0	0	6,030
Building For The Future - CIP	0	30	9,348	11,083	10,722	4,092	4,195	4,299	43,769

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Citywide and Neighborhood Projects						**BCL/Program Code:**			**K72449**
Landscape Restoration Program (K732402)	2,022	595	430	430	430	430	430	430	5,197
Neighborhood Capital Program (K732376)	779	357	207	0	0	0	0	0	1,343
Neighborhood Response Program (K732416)	891	383	250	250	250	250	250	250	2,774
Park Acquisition and Development (K732497)	0	3,305	0	0	0	0	0	0	3,305
Trails Renovation Program (K732419)	1,593	350	350	350	350	350	350	350	4,043
Citywide and Neighborhood Projects	5,285	4,990	1,237	1,030	1,030	1,030	1,030	1,030	16,662
Debt and Special Funding						**BCL/Program Code:**			**K72440**
Aquarium - Pier 59 Piling Replacement and Aquarium Redevelopment Debt Service (K732283)	16,670	3,321	1,731	1,714	1,718	1,714	1,708	1,717	30,293
Gas Works Park - Remediation (K73582)	755	563	1,802	420	2,200	2,180	1,100	280	9,300
Golf - Capital Improvements (K732407)	1,129	665	0	0	100	100	100	100	2,194
Golf Master Plan Implementation (K732391)	14,204	2,380	0	0	0	0	0	0	16,584
Hubbard Homestead Park (Northgate) Acquisition- Debt Service (K732321)	1,507	239	236	234	234	221	224	221	3,116
Parks Maintenance Facility Acquisition - Debt Service (K73502)	5,296	562	563	562	561	559	555	556	9,214
Puget Park - Environmental Remediation (K73127)	225	305	0	0	0	0	0	0	530
Debt and Special Funding	39,786	8,035	4,332	2,930	4,813	4,774	3,687	2,874	71,231
Docks/Piers/Floats/Seawalls/Shorelines						**BCL/Program Code:**			**K72447**
Aquarium Expansion (K732492)	0	740	600	2,480	4,730	13,260	11,760	0	33,570
Aquarium Major Maintenance Commitment (K732436)	2,103	1,228	300	0	0	0	0	0	3,631
Beach Restoration Program (K732303)	623	20	25	25	25	25	25	25	793
Bell Harbor Marina (K732491)	0	1,000	1,000	0	0	0	0	0	2,000
Boat Moorage Restoration (K732408)	284	2,066	2,000	0	0	0	0	0	4,350
Emma Schmitz Sea Wall Replacement (K732454)	21	29	0	0	0	0	0	0	50

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Green Lake Park Alum Treatment (K732460)	0	300	1,200	0	0	0	0	0	1,500
Parks Central Waterfront Piers Rehabilitation (K732493)	0	0	2,247	12,743	21,203	34,401	16,175	1,810	88,579
Docks/Piers/Floats/Seawalls/ Shorelines	3,031	5,383	7,372	15,248	25,958	47,686	27,960	1,835	134,473
Fix It First - CIP						**BCL/Program Code:**			**K720300**
Community Center Rehabilitation & Development (K730301)	0	358	4,329	4,437	4,548	4,662	4,778	4,897	28,009
Major Maintenance Backlog and Asset Management (K730300)	0	844	16,862	18,360	18,819	19,289	19,771	20,265	114,210
Saving our City Forests (K730302)	0	354	2,197	2,251	2,308	2,365	2,425	2,486	14,386
Zoo Major Maintenance (K730304)	0	500	1,800	1,845	1,891	1,938	1,987	2,037	11,998
Fix It First - CIP	0	2,056	25,188	26,893	27,566	28,254	28,961	29,685	168,603
Forest Restoration						**BCL/Program Code:**			**K72442**
Seward Park Forest Restoration (K732367)	762	116	88	88	90	0	0	0	1,144
Urban Forestry - Forest Restoration Program (K732410)	835	255	200	200	200	200	200	200	2,290
Urban Forestry - Green Seattle Partnership (K732340)	7,249	1,637	1,700	1,700	1,700	1,700	1,700	1,700	19,086
Urban Forestry - Tree Replacement (K732339)	1,153	108	95	95	95	95	95	95	1,831
Forest Restoration	9,999	2,116	2,083	2,083	2,085	1,995	1,995	1,995	24,351
Maintaining Parks and Facilities - CIP						**BCL/Program Code:**			**K720301**
Rejuvenate Our P-Patches (K730305)	0	100	200	205	210	215	231	237	1,398
Maintaining Parks and Facilities - CIP	0	100	200	205	210	215	231	237	1,398
Opportunity Fund						**BCL/Program Code:**			**K720041**
12th Avenue Square Park Development - 2008 Parks Levy (formerly East James Court) (K730145)	181	389	0	0	0	0	0	0	570
24th Avenue NW Street End Improvements (Threading the Needle Park) (K730189)	7	743	0	0	0	0	0	0	750
Broadway Hill Park Development (K730180)	58	717	0	0	0	0	0	0	775

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Comfort Station Renovations- 2008 Parks Levy (K730161)	98	202	0	0	0	0	0	0	300
East John Street Open Space Development (K730148)	62	198	0	0	0	0	0	0	260
Highland Park Playground Renovation (K730181)	64	310	0	0	0	0	0	0	374
Northwest Native Canoe Center Development (K730185)	8	743	0	0	0	0	0	0	751
Opportunity Fund Acquisitions- 2008 Parks Levy (K730040)	7,840	639	0	0	0	0	0	0	8,479
Opportunity Fund Development- 2008 Parks Levy (K730041)	1	17	348	0	0	0	0	0	366
Troll's Knoll (Aurora Avenue N. and N 36th St.) Park Development (K730155)	145	540	0	0	0	0	0	0	685
Virgil Flaim Park Skatespot Development (K730182)	18	732	0	0	0	0	0	0	750
Washington Park Playfield Play Area Development (K730190)	9	356	0	0	0	0	0	0	365
Woodland Park Zoo Seattle Sensory Garden Development (K730188)	19	731	0	0	0	0	0	0	750
Yesler Terrace Neighborhood Park Development (K730203)	0	2,600	0	0	0	0	0	0	2,600
Opportunity Fund	8,510	8,917	348	0	0	0	0	0	17,775
Parks Infrastructure						**BCL/Program Code:**			**K72441**
Environmental Remediation Program (K732401)	465	134	100	100	100	100	100	100	1,199
Fountain Discharge Retrofit (K732444)	37	463	0	0	0	0	0	0	500
Irrigation Replacement and Outdoor Infrastructure Program (K732406)	975	398	300	300	300	300	550	550	3,673
Parks Upgrade Program (K732422)	2,690	958	808	808	808	808	808	808	8,496
Pavement Restoration Program (K732418)	1,322	758	400	400	400	400	400	400	4,480
Parks Infrastructure	5,489	2,711	1,608	1,608	1,608	1,608	1,858	1,858	18,348

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Pools/Natatorium Renovations						**BCL/Program Code:**			**K72446**
Pool Plaster Liner Replacements (K732455)	0	0	0	200	0	0	0	0	200
Pools/Natatorium Renovations	0	0	0	200	0	0	0	0	200
SR520 Mitigation						**BCL/Program Code:**			**K72451**
Arboretum Waterfront Trail Renovation (K732484)	9	466	0	0	0	0	0	0	475
Bryant Site Development (K732480)	105	11,284	0	0	0	0	0	0	11,389
Washington Park Arboretum Trail Development (K732473)	745	7,065	0	0	0	0	0	0	7,810
SR520 Mitigation	859	18,815	0	0	0	0	0	0	19,674
West Point Settlement Projects						**BCL/Program Code:**			**K72982**
Discovery Park - Contingency and Opportunity Fund (K731241)	322	24	0	0	0	0	0	0	346
West Point Settlement Projects	322	24	0	0	0	0	0	0	346
Department Total*:	122,458	90,940	54,566	66,178	88,564	104,314	76,811	46,778	650,609

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Fund Summary

Fund Name & Code	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
1999 Seattle Center/Community Centers Fund (33800)	1,864	269	0	0	0	0	0	0	2,133
2000 Parks Levy Fund (33850)	1,975	0	0	0	0	0	0	0	1,975
2008 Parks Levy Fund (33860)	40,148	37,167	0	0	0	0	0	0	77,315
2010 Multipurpose LTGO Bond Fund (35400)	859	4	0	0	0	0	0	0	863
2011 Multipurpose LTGO Bond Fund (35500)	2,268	259	0	0	0	0	0	0	2,527
2012 Multipurpose LTGO Bond Fund (35600)	3,894	407	0	0	0	0	0	0	4,301
2013 King County Parks Levy (36000)	0	899	1,460	1,660	1,660	1,660	0	0	7,339
2013 Multipurpose LTGO Bond Fund (35700)	1,791	19	0	0	0	0	0	0	1,810
2014 Multipurpose LTGO Bond Fund (36100)	4,942	619	0	0	0	0	0	0	5,561
2015 Multipurpose LTGO Bond Fund (36200)	704	1,296	0	0	0	0	0	0	2,000
Beach Maintenance Trust Fund (61500)	295	12	25	25	25	25	25	25	457
Central Waterfront Improvement Fund (35900)	0	250	2,247	8,843	19,585	32,696	13,175	1,810	78,606
Community Development Block Grant Fund (17810)	1,166	1,758	808	808	808	808	808	808	7,772
Community Improvement Contribution Fund (33120)	21	29	0	0	0	0	0	0	50
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	15,199	16,076	12,276	2,993	795	780	779	777	49,675
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	34,305	4,255	2,555	10,789	21,958	22,115	16,469	8,727	121,173
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	10,413	6,569	399	399	505	409	408	410	19,512
Emergency Subfund (00185)	21	0	0	0	0	0	0	0	21
Gasworks Park Contamination Remediation Fund (10220)	386	17	0	0	0	0	0	0	403
General Subfund (00100)	111	0	60	0	0	0	0	0	171
Open Spaces & Trails Bond Fund (33620)	265	40	0	0	0	0	0	0	305
Park Mitigation and Remediation Fund (33130)	859	18,815	0	0	0	0	0	0	19,674
Parks 2002 Capital Facilities Bond Fund (34610)	39	0	0	0	0	0	0	0	39

**Amounts in thousands of dollars*

Fund Summary

Fund Name & Code	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Parks and Recreation Fund (10200)	611	0	0	0	0	0	0	0	611
Parks Capital Fund (33140)	0	2,156	34,736	38,181	38,498	32,561	33,387	34,221	213,740
Shoreline Park Improvement Fund (33110)	322	24	0	0	0	0	0	0	346
To Be Determined (TBD)	0	0	0	2,480	4,730	13,260	11,760	0	32,230
Department Total*:	122,458	90,940	54,566	66,178	88,564	104,314	76,811	46,778	650,609

**Amounts in thousands of dollars*

12th Avenue Square Park Development - 2008 Parks Levy (formerly East James Court)

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	Improved Facility	**Start Date:**	Q2/2011
Project ID:	K730145	**End Date:**	Q1/2016
Location:	12th AVE/E James CT		
Neighborhood Plan:	Central Area	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	12th AV

This project, part of the 2008 Parks Levy Opportunity Fund, converts an existing street and sidewalk into a park boulevard which invites and accommodates joint pedestrian and vehicular use. It will serve as a park-like extension of the adjacent, newly-acquired 12th Ave Park which is in the planning stage. The additional open space will provide green space and enhance neighborhood circulation in this dense neighborhood.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	180	320	0	0	0	0	0	0	500
Private Funding/Donations	1	69	0	0	0	0	0	0	70
Total:	181	389	0	0	0	0	0	0	570
Fund Appropriations/Allocations									
2008 Parks Levy Fund	181	389	0	0	0	0	0	0	570
Total*:	181	389	0	0	0	0	0	0	570
O & M Costs (Savings)			10	10	11	11	11	12	65
Spending Plan by Fund									
2008 Parks Levy Fund		369	20	0	0	0	0	0	389
Total:		369	20	0	0	0	0	0	389

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

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	New Facility	**Start Date:**	Q3/2012
Project ID:	K730176	**End Date:**	Q2/2016
Location:	E 14th AVE NW/NW 58th ST/NW 62nd ST		
Neighborhood Plan:	Crown Hill/Ballard	**Council District:**	TBD
Neighborhood District:	Ballard	**Urban Village:**	Ballard

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	0	2,625	0	0	0	0	0	0	2,625
Total:	0	2,625	0	0	0	0	0	0	2,625
Fund Appropriations/Allocations									
2008 Parks Levy Fund	0	2,625	0	0	0	0	0	0	2,625
Total*:	0	2,625	0	0	0	0	0	0	2,625
O & M Costs (Savings)			28	28	29	29	30	30	174
Spending Plan by Fund									
2008 Parks Levy Fund		745	1,880	0	0	0	0	0	2,625
Total:		745	1,880	0	0	0	0	0	2,625

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24th Avenue NW Street End Improvements (Threading the Needle Park)

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	K730189	**End Date:**	Q1/2017
Location:	24th AVE NW/Shilshole AVE NW		
Neighborhood Plan:	Crown Hill/Ballard	**Council District:**	6
Neighborhood District:	Ballard	**Urban Village:**	Not in an Urban Village

This project, part of the 2008 Parks Levy Opportunity Fund, improves the 24th Ave. NW street end with a pedestrian greenway, small restored waterfront beach, and an upgraded dock. Other project elements include rain gardens, cisterns, and bio-retention swales. These renovations will enhance waterfront access and the environment and be coordinated with SPU's existing 24th Ave NW outfall redevelopment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	7	743	0	0	0	0	0	0	750
Total:	7	743	0	0	0	0	0	0	750
Fund Appropriations/Allocations									
2008 Parks Levy Fund	7	743	0	0	0	0	0	0	750
Total*:	7	743	0	0	0	0	0	0	750
O & M Costs (Savings)			0	6	7	7	8	8	36
Spending Plan by Fund									
2008 Parks Levy Fund		20	683	40	0	0	0	0	743
Total:		20	683	40	0	0	0	0	743

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Activating and Connecting to Greenways

BCL/Program Name:	Building For The Future - CIP	**BCL/Program Code:**	K720302
Project Type:	Improved Facility	**Start Date:**	Q1/2016
Project ID:	K730309	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Park District Revenues	0	0	200	205	210	215	221	226	1,277
Total:	0	0	200	205	210	215	221	226	1,277
Fund Appropriations/Allocations									
Parks Capital Fund	0	0	200	205	210	215	221	226	1,277
Total*:	0	0	200	205	210	215	221	226	1,277
O & M Costs (Savings)			0	0	0	0	0	0	0

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ADA Compliance - Parks

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q2/2011
Project ID:	K732434	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	783	250	0	0	0	0	0	0	1,033
Real Estate Excise Tax I	165	1,842	0	0	0	0	0	0	2,007
Federal Community Development Block Grant	0	800	0	0	0	0	0	0	800
Total:	948	2,892	0	0	0	0	0	0	3,840
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	783	250	0	0	0	0	0	0	1,033
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	165	1,842	0	0	0	0	0	0	2,007
Community Development Block Grant Fund	0	800	0	0	0	0	0	0	800
Total*:	948	2,892	0	0	0	0	0	0	3,840
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		250	0	0	0	0	0	0	250
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		1,000	842	0	0	0	0	0	1,842
Community Development Block Grant Fund		500	300	0	0	0	0	0	800
Total:		1,750	1,142	0	0	0	0	0	2,892

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Aquarium - Pier 59 Piling Replacement and Aquarium Redevelopment Debt Service

BCL/Program Name:	Debt and Special Funding	**BCL/Program Code:**	K72440
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2005
Project ID:	K732283	**End Date:**	Q4/2025
Location:	1483 Alaskan Wy		
Neighborhood Plan:	Commercial Core	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	9,909	1,617	1,560	1,543	1,543	1,545	1,540	1,547	20,804
Real Estate Excise Tax I	1,747	0	0	0	0	0	0	0	1,747
Private Funding/Donations	4,647	1,704	171	171	175	169	168	170	7,375
Private Funding/Donations	367	0	0	0	0	0	0	0	367
Total:	16,670	3,321	1,731	1,714	1,718	1,714	1,708	1,717	30,293
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	9,909	1,617	1,560	1,543	1,543	1,545	1,540	1,547	20,804
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,747	0	0	0	0	0	0	0	1,747
Cumulative Reserve Subfund - Unrestricted Subaccount	4,647	1,704	171	171	175	169	168	170	7,375
Parks and Recreation Fund	367	0	0	0	0	0	0	0	367
Total*:	16,670	3,321	1,731	1,714	1,718	1,714	1,708	1,717	30,293
O & M Costs (Savings)			0	0	0	0	0	0	0

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Aquarium Expansion

BCL/Program Name:	Docks/Piers/Floats/Seawalls/Shorelines	**BCL/Program Code:**	K72447
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	K732492	**End Date:**	TBD
Location:	1483 Alaskan WAY		
Neighborhood Plan:	Commercial Core	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

The Seattle Aquarium is planning a major expansion to its existing footprint to add new programming and visitor capacity. It will become a major destination for the newly redeveloped waterfront. The project intends to make improvements to piers 59 and 60 with additional overwater coverage to allow for more exhibits. The aquarium is owned by Seattle Parks and Recreation but operated by the non-profit Seattle Aquarium Society. This project is part of the overall waterfront improvement program.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	490	600	0	0	0	0	0	1,090
To be determined	0	0	0	2,480	4,730	13,260	11,760	0	32,230
Interfund Loan	0	250	0	0	0	0	0	0	250
Total:	0	740	600	2,480	4,730	13,260	11,760	0	33,570
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	490	600	0	0	0	0	0	1,090
Central Waterfront Improvement Fund	0	250	0	0	0	0	0	0	250
Total*:	0	740	600	0	0	0	0	0	1,340

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

Aquarium Major Maintenance Commitment

BCL/Program Name:	Docks/Piers/Floats/Seawalls/Shorelines	**BCL/Program Code:**	K72447
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2012
Project ID:	K732436	**End Date:**	TBD
Location:	1483 Alaskan WAY		
Neighborhood Plan:	Commercial Core	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project provides for capital maintenance to the building envelope, roof, pier supports and decking, HVAC, sewer, water, and electrical systems, elevator, structural elements to the exhibits, fire alarm and suppressions systems, emergency lighting, safety improvements, and other related work at the Aquarium on Piers 59 and 60 which will extend the useful life of the facility. This project funds the remaining portion of the City obligation to provide $8 million for agreed capital maintenance at the Seattle Aquarium. This agreement between the City of Seattle and the Seattle Aquarium Society was authorized by Ordinance 123205. Consistent with the agreement, this project is expected to be carried out by the Seattle Aquarium Society and funding will be transferred to the Seattle Aquarium Society for that purpose via an agreement with the Department of Parks and Recreation.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	2,103	1,228	300	0	0	0	0	0	3,631
Total:	2,103	1,228	300	0	0	0	0	0	3,631
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,103	1,228	300	0	0	0	0	0	3,631
Total*:	2,103	1,228	300	0	0	0	0	0	3,631
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		1,000	528	0	0	0	0	0	1,528
Total:		1,000	528	0	0	0	0	0	1,528

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Arboretum Waterfront Trail Renovation

BCL/Program Name:	SR520 Mitigation	**BCL/Program Code:**	K72451
Project Type:	Improved Facility	**Start Date:**	Q3/2014
Project ID:	K732484	**End Date:**	Q4/2016
Location:	2300 Arboretum DR E		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
State Interlocal Revenues	9	466	0	0	0	0	0	0	475
Total:	9	466	0	0	0	0	0	0	475
Fund Appropriations/Allocations									
Park Mitigation and Remediation Fund	9	466	0	0	0	0	0	0	475
Total*:	9	466	0	0	0	0	0	0	475
O & M Costs (Savings)			0	0	0	0	0	0	0

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Ballfield Lighting Replacement Program

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	K732310	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	3,055	0	0	500	500	500	500	500	5,555
Real Estate Excise Tax I	148	123	0	0	0	0	0	0	271
Total:	3,203	123	0	500	500	500	500	500	5,826
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,055	0	0	500	500	500	500	500	5,555
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	148	123	0	0	0	0	0	0	271
Total*:	3,203	123	0	500	500	500	500	500	5,826
O & M Costs (Savings)			11	12	12	12	13	13	73

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

Ballfields - Minor Capital Improvements

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732415	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project provides small-scale renovations and minor improvements to athletic fields throughout the City. Typical improvements include, but are not limited to, repairs to fencing and backstops, renovations to dugouts and playing surfaces, modifications and improvements to irrigation systems and replacement of goal posts and nets. Future funding for this project depends on specific projects and available resources, including grants. This project extends the useful life of the various elements of athletic fields. This project was formerly project number K73507. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	200	0	0	0	50	50	50	50	400
Real Estate Excise Tax I	43	2	0	50	0	0	0	0	95
King County Funds	120	0	0	0	0	0	0	0	120
Private Funding/Donations	0	0	0	0	0	0	0	0	0
Total:	363	2	0	50	50	50	50	50	615
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	200	0	0	0	50	50	50	50	400
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	43	2	0	50	0	0	0	0	95
Cumulative Reserve Subfund - Unrestricted Subaccount	120	0	0	0	0	0	0	0	120
Total*:	363	2	0	50	50	50	50	50	615
O & M Costs (Savings)			0	0	0	0	0	0	0

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Beach Restoration Program

BCL/Program Name:	Docks/Piers/Floats/Seawalls/Shorelines	**BCL/Program Code:**	K72447
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	K732303	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
King County Funds	328	8	0	0	0	0	0	0	336
King County Funds	295	12	25	25	25	25	25	25	457
Total:	623	20	25	25	25	25	25	25	793
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	328	8	0	0	0	0	0	0	336
Beach Maintenance Trust Fund	295	12	25	25	25	25	25	25	457
Total*:	623	20	25	25	25	25	25	25	793
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Bell Harbor Marina

BCL/Program Name:	Docks/Piers/Floats/Seawalls/Shorelines	**BCL/Program Code:**	K72447
Project Type:	Improved Facility	**Start Date:**	Q1/2015
Project ID:	K732491	**End Date:**	Q4/2016
Location:	2203 Alaskan WAY		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project provides for capital maintenance of a public access marina located at the intersection of Alaskan Way and Bell Street. The project will fund ongoing repair work and upgrades for the marina, which includes pile wrapping, wave break cathodic protection, flotation repair, and bumper replacement.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	1,000	1,000	0	0	0	0	0	2,000
Total:	0	1,000	1,000	0	0	0	0	0	2,000
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	1,000	1,000	0	0	0	0	0	2,000
Total*:	0	1,000	1,000	0	0	0	0	0	2,000

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Belltown Neighborhood Center

BCL/Program Name:	1999 Community Center Improvements	**BCL/Program Code:**	K72654
Project Type:	New Facility	**Start Date:**	Q3/2000
Project ID:	K73484	**End Date:**	Q4/2016
Location:	2407 1st Ave		
Neighborhood Plan:	Belltown	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Belltown

This project provides for the long-term lease (or purchase) of approximately 6,000 square feet of street level space, and build-out of that space if required, in the Belltown area. Potential elements of the new space may include a multi-purpose room, a kitchen, as well as spaces for classes, community meetings, and celebrations. This project provides community center space that serves as a civic focal point for the Belltown area. It is the ninth, and final, community center to be funded by the 1999 Seattle Center and Community Centers Levy.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	1,864	269	0	0	0	0	0	0	2,133
Total:	1,864	269	0	0	0	0	0	0	2,133
Fund Appropriations/Allocations									
1999 Seattle Center/Community Centers Fund	1,864	269	0	0	0	0	0	0	2,133
Total*:	1,864	269	0	0	0	0	0	0	2,133
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
1999 Seattle Center/Community Centers Fund		135	134	0	0	0	0	0	269
Total:		135	134	0	0	0	0	0	269

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

Boat Moorage Restoration

BCL/Program Name:	Docks/Piers/Floats/Seawalls/Shorelines	**BCL/Program Code:**	K72447
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732408	**End Date:**	ONGOING
Location:	201 Lakeside AVE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	2
Neighborhood District:	Central	**Urban Village:**	Not in an Urban Village

This project renovates City-owned boat moorages throughout the park system. Work includes, but is not limited to, repairs to the piles, caps, stringers, decking, and breakwater structures. These repairs extend the useful life boat moorages, many of which generate revenues to the Department each year. This project was formerly project number K732338. A new project number has been created for this project to comply with new accounting procedures, therefore life to date amounts do not appear in the table below.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax I	30	1,970	2,000	0	0	0	0	0	4,000
Concession Revenues	254	96	0	0	0	0	0	0	350
Total:	284	2,066	2,000	0	0	0	0	0	4,350
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	30	1,970	2,000	0	0	0	0	0	4,000
Cumulative Reserve Subfund - Unrestricted Subaccount	254	96	0	0	0	0	0	0	350
Total*:	284	2,066	2,000	0	0	0	0	0	4,350
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		70	3,900	0	0	0	0	0	3,970
Cumulative Reserve Subfund - Unrestricted Subaccount		36	60	0	0	0	0	0	96
Total:		106	3,960	0	0	0	0	0	4,066

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

Bobby Morris Playfield Turf Replacement-2008 Levy

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q3/2014
Project ID:	K730201	**End Date:**	Q4/2016
Location:	1635 11th AVE		
Neighborhood Plan:	Capitol Hill	**Council District:**	3
Neighborhood District:	East District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	0	1,069	0	0	0	0	0	0	1,069
Total:	0	1,069	0	0	0	0	0	0	1,069
Fund Appropriations/Allocations									
2008 Parks Levy Fund	0	1,069	0	0	0	0	0	0	1,069
Total*:	0	1,069	0	0	0	0	0	0	1,069
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		69	1,000	0	0	0	0	0	1,069
Total:		69	1,000	0	0	0	0	0	1,069

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

Boiler and Mechanical System Replacement Program

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	K732306	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	1,229	0	0	175	175	175	175	175	2,104
Real Estate Excise Tax I	100	0	0	0	0	0	0	0	100
Total:	1,329	0	0	175	175	175	175	175	2,204
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,229	0	0	175	175	175	175	175	2,104
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	100	0	0	0	0	0	0	0	100
Total*:	1,329	0	0	175	175	175	175	175	2,204
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Broadway Hill Park Development

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	Improved Facility	**Start Date:**	Q3/2013
Project ID:	K730180	**End Date:**	Q1/2016
Location:	500 Federal AVE E		
Neighborhood Plan:	Capitol Hill	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	Capitol Hill

This project, part of the 2008 Parks Levy Opportunity Fund, provides for the development of new park elements and a community garden space on this roughly 12,000 SF site. The specific elements proposed include community garden/P-Patch, seating, lawn area, and landscaping. The new amenities will provide additional park uses in this densely developed neighborhood.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	58	717	0	0	0	0	0	0	775
Total:	58	717	0	0	0	0	0	0	775
Fund Appropriations/Allocations									
2008 Parks Levy Fund	58	717	0	0	0	0	0	0	775
Total*:	58	717	0	0	0	0	0	0	775
O & M Costs (Savings)			19	20	20	21	21	22	123
Spending Plan by Fund									
2008 Parks Levy Fund		550	167	0	0	0	0	0	717
Total:		550	167	0	0	0	0	0	717

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

Bryant Site Development

BCL/Program Name:	SR520 Mitigation	**BCL/Program Code:**	K72451
Project Type:	Improved Facility	**Start Date:**	Q3/2013
Project ID:	K732480	**End Date:**	Q4/2018
Location:	1101 NE Boat ST		
Neighborhood Plan:	University	**Council District:**	4
Neighborhood District:	Northeast	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
State Interlocal Revenues	105	11,284	0	0	0	0	0	0	11,389
Total:	105	11,284	0	0	0	0	0	0	11,389
Fund Appropriations/Allocations									
Park Mitigation and Remediation Fund	105	11,284	0	0	0	0	0	0	11,389
Total*:	105	11,284	0	0	0	0	0	0	11,389
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Park Mitigation and Remediation Fund		336	2,000	4,000	4,948	0	0	0	11,284
Total:		336	2,000	4,000	4,948	0	0	0	11,284

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

Comfort Station Renovations

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	K732453	**End Date:**	TBD
Location:			
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project renovates selected comfort stations for improved ADA access, ventilation and finishes (walls and floors), and security. The renovations also may include reconfigured stalls, new toilets, urinals, and sinks, ADA accessories, paint and finishes, and related work, depending on the needs of a particular site. In some cases, a comfort station may be replaced with a prefabricated unit. More park users will have access to these facilities, and the improvements will make them more inviting and comfortable. Specific sites will be determined in early 2015.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	526	0	0	0	526
Real Estate Excise Tax I	0	0	300	0	0	0	0	0	300
King County Voter-Approved Levy	0	399	660	660	660	660	0	0	3,039
Total:	0	399	960	660	1,186	660	0	0	3,865
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	526	0	0	0	526
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	300	0	0	0	0	0	300
2013 King County Parks Levy	0	399	660	660	660	660	0	0	3,039
Total*:	0	399	960	660	1,186	660	0	0	3,865
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Comfort Station Renovations- 2008 Parks Levy

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2012
Project ID:	K730161	**End Date:**	Q1/2016
Location:			
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project, funded with the 2008 Parks Levy Inflation Adjustment funds,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 accessories, 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 will be determined by the end of 2011.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	98	202	0	0	0	0	0	0	300
Total:	98	202	0	0	0	0	0	0	300
Fund Appropriations/Allocations									
2008 Parks Levy Fund	98	202	0	0	0	0	0	0	300
Total*:	98	202	0	0	0	0	0	0	300
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		197	5	0	0	0	0	0	202
Total:		197	5	0	0	0	0	0	202

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

Community Center Rehabilitation & Development

BCL/Program Name:	Fix It First - CIP	**BCL/Program Code:**	K720300
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	K730301	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Park District Revenues	0	358	4,329	4,437	4,548	4,662	4,778	4,897	28,009
Total:	0	358	4,329	4,437	4,548	4,662	4,778	4,897	28,009
Fund Appropriations/Allocations									
Parks Capital Fund	0	358	4,329	4,437	4,548	4,662	4,778	4,897	28,009
Total*:	0	358	4,329	4,437	4,548	4,662	4,778	4,897	28,009
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Parks Capital Fund		315	3,042	4,145	4,730	4,610	4,905	4,527	26,274
Total:		315	3,042	4,145	4,730	4,610	4,905	4,527	26,274

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

Delridge Playfield Synthetic Turf Resurfacing

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2020
Project ID:	K732487	**End Date:**	Q1/2021
Location:	4458 Delridge WAY SW		
Neighborhood Plan:	Delridge	**Council District:**	1
Neighborhood District:	Delridge	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	0	1,846	0	1,846
Total:	0	0	0	0	0	0	1,846	0	1,846
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	1,846	0	1,846
Total*:	0	0	0	0	0	0	1,846	0	1,846
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Develop 14 New Parks at Land-Banked Sites

BCL/Program Name:	Building For The Future - CIP	**BCL/Program Code:**	K720302
Project Type:	Improved Facility	**Start Date:**	Q1/2016
Project ID:	K730308	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Park District Revenues	0	0	4,998	4,288	4,180	0	0	0	13,466
Total:	0	0	4,998	4,288	4,180	0	0	0	13,466
Fund Appropriations/Allocations									
Parks Capital Fund	0	0	4,998	4,288	4,180	0	0	0	13,466
Total*:	0	0	4,998	4,288	4,180	0	0	0	13,466
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Parks Capital Fund		0	780	4,000	4,000	4,686	0	0	13,466
Total:		0	780	4,000	4,000	4,686	0	0	13,466

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

Discovery Park - Contingency and Opportunity Fund

BCL/Program Name:	West Point Settlement Projects	**BCL/Program Code:**	K72982
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q3/2007
Project ID:	K731241	**End Date:**	TBD
Location:	3801 Discovery Park BLVD		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Not in an Urban Village

This project provides funding to cover unanticipated costs arising in named projects associated with the West Point Treatment Plant mitigation funds and to respond to other project opportunities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
King County Funds	322	24	0	0	0	0	0	0	346
Total:	322	24	0	0	0	0	0	0	346
Fund Appropriations/Allocations									
Shoreline Park Improvement Fund	322	24	0	0	0	0	0	0	346
Total*:	322	24	0	0	0	0	0	0	346
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Shoreline Park Improvement Fund		10	14	0	0	0	0	0	24
Total:		10	14	0	0	0	0	0	24

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

Donations- Green Space

BCL/Program Name:	2008 Parks Levy- Green Space Acquisition	**BCL/Program Code:**	K720011
Project Type:	New Facility	**Start Date:**	Q2/2009
Project ID:	K730139	**End Date:**	TBD
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This project provides funding from the Green Space Acquisition Program in the 2008 Parks Levy to cover ancillary costs associated with evaluating and accepting offers to the City for the donation and acquisition of real property located in green spaces. Authority for the actual acceptance of real properties will be authorized through separate legislative actions.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	37	38	0	0	0	0	0	0	75
Total:	37	38	0	0	0	0	0	0	75
Fund Appropriations/Allocations									
2008 Parks Levy Fund	37	38	0	0	0	0	0	0	75
Total*:	37	38	0	0	0	0	0	0	75
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		23	15	0	0	0	0	0	38
Total:		23	15	0	0	0	0	0	38

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

East John Street Open Space Development

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	New Facility	**Start Date:**	Q1/2012
Project ID:	K730148	**End Date:**	Q3/2016
Location:	Summit AVE E/E John ST		
Neighborhood Plan:	Capitol Hill	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	Capitol Hill

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	62	198	0	0	0	0	0	0	260
Total:	62	198	0	0	0	0	0	0	260
Fund Appropriations/Allocations									
2008 Parks Levy Fund	62	198	0	0	0	0	0	0	260
Total*:	62	198	0	0	0	0	0	0	260
O & M Costs (Savings)			6	7	7	8	8	9	45
Spending Plan by Fund									
2008 Parks Levy Fund		4	194	0	0	0	0	0	198
Total:		4	194	0	0	0	0	0	198

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

Electrical System Replacement Program

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	K732307	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	819	0	0	150	150	150	150	150	1,569
Real Estate Excise Tax I	81	0	0	0	0	0	0	0	81
Total:	900	0	0	150	150	150	150	150	1,650
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	819	0	0	150	150	150	150	150	1,569
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	81	0	0	0	0	0	0	0	81
Total*:	900	0	0	150	150	150	150	150	1,650
O & M Costs (Savings)			0	0	0	0	0	0	0

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Emma Schmitz Sea Wall Replacement

BCL/Program Name:	Docks/Piers/Floats/Seawalls/Shorelines	**BCL/Program Code:**	K72447
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	K732454	**End Date:**	TBD
Location:	4503 Beach DR SW		
Neighborhood Plan:	Morgan Junction (MOCA)	**Council District:**	1
Neighborhood District:	Southwest	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
Miscellaneous Grants or Donations	21	29	0	0	0	0	0	0	50
Total:	21	29	0	0	0	0	0	0	50
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Community Improvement Contribution Fund	21	29	0	0	0	0	0	0	50
Total*:	21	29	0	0	0	0	0	0	50
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Emma Schmitz Sea Wall Replacement-2008 Levy

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q3/2014
Project ID:	K730194	**End Date:**	Q4/2016
Location:	4503 Beach DR SW		
Neighborhood Plan:	Morgan Junction (MOCA)	**Council District:**	1
Neighborhood District:	Southwest	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	1	649	0	0	0	0	0	0	650
Total:	1	649	0	0	0	0	0	0	650
Fund Appropriations/Allocations									
2008 Parks Levy Fund	1	649	0	0	0	0	0	0	650
Total*:	1	649	0	0	0	0	0	0	650
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		9	640	0	0	0	0	0	649
Total:		9	640	0	0	0	0	0	649

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Environmental Remediation Program

BCL/Program Name:	Parks Infrastructure	**BCL/Program Code:**	K72441
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732401	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	432	0	0	100	100	100	100	100	932
Real Estate Excise Tax I	33	134	100	0	0	0	0	0	267
Total:	465	134	100	100	100	100	100	100	1,199
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	432	0	0	100	100	100	100	100	932
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	33	134	100	0	0	0	0	0	267
Total*:	465	134	100	100	100	100	100	100	1,199
O & M Costs (Savings)			0	0	0	0	0	0	0

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Fountain Discharge Retrofit

BCL/Program Name:	Parks Infrastructure	**BCL/Program Code:**	K72441
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q3/2012
Project ID:	K732444	**End Date:**	Q1/2016
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	37	463	0	0	0	0	0	0	500
Total:	37	463	0	0	0	0	0	0	500
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	37	463	0	0	0	0	0	0	500
Total*:	37	463	0	0	0	0	0	0	500
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		455	8	0	0	0	0	0	463
Total:		455	8	0	0	0	0	0	463

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

Garfield Playfield Infield Synthetic Turf Resurfacing

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2020
Project ID:	K732489	**End Date:**	Q1/2021
Location:	2301 E Cherry ST		
Neighborhood Plan:	Central Area	**Council District:**	2
Neighborhood District:	Central	**Urban Village:**	23rd Ave. @ Jackson

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	0	561	0	561
Total:	0	0	0	0	0	0	561	0	561
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	561	0	561
Total*:	0	0	0	0	0	0	561	0	561
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Gas Works Park - Remediation

BCL/Program Name:	Debt and Special Funding	**BCL/Program Code:**	K72440
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2000
Project ID:	K73582	**End Date:**	TBD
Location:	2101 N Northlake Wy		
Neighborhood Plan:	Wallingford	**Council District:**	4
Neighborhood District:	Lake Union	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	369	(34)	0	0	2,200	2,180	1,100	280	6,095
Real Estate Excise Tax I	0	580	1,802	420	0	0	0	0	2,802
General Subfund Revenues	386	17	0	0	0	0	0	0	403
To be determined	0	0	0	0	0	0	0	0	0
Total:	755	563	1,802	420	2,200	2,180	1,100	280	9,300
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	369	(34)	0	0	2,200	2,180	1,100	280	6,095
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	580	1,802	420	0	0	0	0	2,802
Gasworks Park Contamination Remediation Fund	386	17	0	0	0	0	0	0	403
Total*:	755	563	1,802	420	2,200	2,180	1,100	280	9,300
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Gas Works Park Play Area Renovation

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2013
Project ID:	K730089	**End Date:**	Q4/2016
Location:	2101 N Northlake WAY		
Neighborhood Plan:	Wallingford	**Council District:**	4
Neighborhood District:	Lake Union	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	133	1,267	0	0	0	0	0	0	1,400
Total:	133	1,267	0	0	0	0	0	0	1,400
Fund Appropriations/Allocations									
2008 Parks Levy Fund	133	1,267	0	0	0	0	0	0	1,400
Total*:	133	1,267	0	0	0	0	0	0	1,400
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		125	1,142	0	0	0	0	0	1,267
Total:		125	1,142	0	0	0	0	0	1,267

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

Genesee Playfield #1 Synthetic Turf Resurfacing

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2020
Project ID:	K732488	**End Date:**	Q1/2021
Location:	4420 S Genesee ST		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	2
Neighborhood District:	Southeast	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	0	707	0	707
Total:	0	0	0	0	0	0	707	0	707
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	707	0	707
Total*:	0	0	0	0	0	0	707	0	707
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Genesee Playfield #2 Synthetic Turf Resurfacing

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2020
Project ID:	K732485	**End Date:**	Q1/2021
Location:	4420 S Genesee ST		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	2
Neighborhood District:	Southeast	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	0	823	0	823
Total:	0	0	0	0	0	0	823	0	823
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	823	0	823
Total*:	0	0	0	0	0	0	823	0	823
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Georgetown Playfield Turf Replacement

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2018
Project ID:	K732456	**End Date:**	TBD
Location:	750 S hOMER ST		
Neighborhood Plan:	Georgetown	**Council District:**	2
Neighborhood District:	Greater Duwamish	**Urban Village:**	Not in an Urban Village

This project replaces the 109,000 square feet synthetic turf field surfacing which was installed in 2008 and is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for soccer, baseball, and other activities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	870	0	0	0	870
Total:	0	0	0	0	870	0	0	0	870
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	870	0	0	0	870
Total*:	0	0	0	0	870	0	0	0	870
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Gilman Playground Shelterhouse Sewer Replacement

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2017
Project ID:	K732457	**End Date:**	TBD
Location:	923 NW 54TH ST		
Neighborhood Plan:	Crown Hill/Ballard	**Council District:**	6
Neighborhood District:	Northwest	**Urban Village:**	Not in an Urban Village

This project replaces the sewer line from the shelterhouse, underneath the tennis courts, and to the street, it repairs the impact to the tennis court (crack repair and new color coat), and performs related work. The clay tile sewer line was filmed in 2012 and the specific defect location within the line was identified. It likely caused by tree intrusion from adjacent trees.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
Total:	0	0	0	0	0	0	0	0	0
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Total*:	0	0	0	0	0	0	0	0	0
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	0	122	0	0	0	0	122
Total:		0	0	122	0	0	0	0	122

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

Golf - Capital Improvements

BCL/Program Name:	Debt and Special Funding	**BCL/Program Code:**	K72440
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732407	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project is an ongoing program designed to improve the four City-owned golf courses (Interbay, Jackson, Jefferson, and West Seattle.) Funding for these improvements is provided by green fees, golf cart rentals, ball purchases, and other golf revenues. This project was formerly project number K732285. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Golf Revenues	1,129	665	0	0	100	100	100	100	2,194
Total:	1,129	665	0	0	100	100	100	100	2,194
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,129	665	0	0	100	100	100	100	2,194
Total*:	1,129	665	0	0	100	100	100	100	2,194
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Unrestricted Subaccount		65	100	200	200	200	100	200	1,065
Total:		65	100	200	200	200	100	200	1,065

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

Golf Master Plan Implementation

BCL/Program Name:	Debt and Special Funding	**BCL/Program Code:**	K72440
Project Type:	Improved Facility	**Start Date:**	Q2/2010
Project ID:	K732391	**End Date:**	Q2/2016
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	859	4	0	0	0	0	0	0	863
General Obligation Bonds	2,014	35	0	0	0	0	0	0	2,049
General Obligation Bonds	3,894	407	0	0	0	0	0	0	4,301
General Obligation Bonds	1,791	19	0	0	0	0	0	0	1,810
General Obligation Bonds	4,942	619	0	0	0	0	0	0	5,561
General Obligation Bonds	704	1,296	0	0	0	0	0	0	2,000
Total:	14,204	2,380	0	0	0	0	0	0	16,584
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0	0
2010 Multipurpose LTGO Bond Fund	859	4	0	0	0	0	0	0	863
2011 Multipurpose LTGO Bond Fund	2,014	35	0	0	0	0	0	0	2,049
2012 Multipurpose LTGO Bond Fund	3,894	407	0	0	0	0	0	0	4,301
2013 Multipurpose LTGO Bond Fund	1,791	19	0	0	0	0	0	0	1,810
2014 Multipurpose LTGO Bond Fund	4,942	619	0	0	0	0	0	0	5,561
2015 Multipurpose LTGO Bond Fund	704	1,296	0	0	0	0	0	0	2,000
Total*:	14,204	2,380	0	0	0	0	0	0	16,584
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Spending Plan by Fund

Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0
2010 Multipurpose LTGO Bond Fund	4	0	0	0	0	0	0	4
2011 Multipurpose LTGO Bond Fund	35	0	0	0	0	0	0	35
2012 Multipurpose LTGO Bond Fund	407	0	0	0	0	0	0	407
2013 Multipurpose LTGO Bond Fund	19	0	0	0	0	0	0	19
2014 Multipurpose LTGO Bond Fund	619	0	0	0	0	0	0	619
2015 Multipurpose LTGO Bond Fund	696	600	0	0	0	0	0	1,296
Total:	1,780	600	0	0	0	0	0	2,380

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

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

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2013
Project ID:	K732448	**End Date:**	TBD
Location:	7201 E Green Lake Dr N		
Neighborhood Plan:	Greenlake	**Council District:**	6
Neighborhood District:	Northwest	**Urban Village:**	Green Lake

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	208	1,464	0	0	0	0	0	0	1,672
Total:	208	1,464	0	0	0	0	0	0	1,672
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	208	1,464	0	0	0	0	0	0	1,672
Total*:	208	1,464	0	0	0	0	0	0	1,672
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		24	700	740	0	0	0	0	1,464
Total:		24	700	740	0	0	0	0	1,464

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

Green Lake Community Center Electrical and Mechanical Renovation-2008 Levy

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q3/2014
Project ID:	K730195	**End Date:**	Q2/2017
Location:	7201 E Green Lake DR N		
Neighborhood Plan:	Greenlake	**Council District:**	6
Neighborhood District:	Northwest	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	0	1,216	0	0	0	0	0	0	1,216
Total:	0	1,216	0	0	0	0	0	0	1,216
Fund Appropriations/Allocations									
2008 Parks Levy Fund	0	1,216	0	0	0	0	0	0	1,216
Total*:	0	1,216	0	0	0	0	0	0	1,216
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		26	600	590	0	0	0	0	1,216
Total:		26	600	590	0	0	0	0	1,216

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

Green Lake Park Alum Treatment

BCL/Program Name:	Docks/Piers/Floats/Seawalls/Shorelines	**BCL/Program Code:**	K72447
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	K732460	**End Date:**	Q4/2016
Location:	7201 E Green Lake WAY N		
Neighborhood Plan:	Greenlake	**Council District:**	6
Neighborhood District:	Northwest	**Urban Village:**	Green Lake

This project treats Green Lake with Alum to continue to maintain water quality and control algae growth. The water quality o the lake has remained stable since the first Alum treatment was done in 2004. A new study is underway to determine the exact treatment that will be needed to address the current water quality issues. The treatment will help Parks meet the adopted goal to maintain an average summer Secchi depth of eight feet.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	300	0	0	0	0	0	0	300
Real Estate Excise Tax I	0	0	1,200	0	0	0	0	0	1,200
Total:	0	300	1,200	0	0	0	0	0	1,500
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	300	0	0	0	0	0	0	300
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	1,200	0	0	0	0	0	1,200
Total*:	0	300	1,200	0	0	0	0	0	1,500
O & M Costs (Savings)			0	0	0	0	0	0	0

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Green Space Acquisitions- 2008 Parks Levy

BCL/Program Name:	2008 Parks Levy- Green Space Acquisition	**BCL/Program Code:**	K720011
Project Type:	New Facility	**Start Date:**	Q2/2009
Project ID:	K730011	**End Date:**	TBD
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

2014 2nd Q Supplemental Adds $1050000 for anticipated acquisitions

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.

In 2010,$305K was added to the project to provide funding to cover costs associated with the acquisition of real property within the City's designated green spaces. These funds are derived from excess interest earnings in the Open Spaces and Trails Fund, which was created in 1989 and has been inactive since 2006.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Interest Earnings	265	40	0	0	0	0	0	0	305
Seattle Voter-Approved Levy	6,562	2,638	0	0	0	0	0	0	9,200
Total:	6,827	2,678	0	0	0	0	0	0	9,505
Fund Appropriations/Allocations									
Open Spaces & Trails Bond Fund	265	40	0	0	0	0	0	0	305
2008 Parks Levy Fund	6,562	2,638	0	0	0	0	0	0	9,200
Total*:	6,827	2,678	0	0	0	0	0	0	9,505
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Open Spaces & Trails Bond Fund		40	0	0	0	0	0	0	40
2008 Parks Levy Fund		1,851	640	147	0	0	0	0	2,638
Total:		1,891	640	147	0	0	0	0	2,678

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

Hiawatha Community Center Renovation-2008 Levy

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q4/2014
Project ID:	K730196	**End Date:**	Q2/2017
Location:	2700 California AVE SW		
Neighborhood Plan:	Admiral	**Council District:**	1
Neighborhood District:	Southwest	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	0	1,193	0	0	0	0	0	0	1,193
Total:	0	1,193	0	0	0	0	0	0	1,193
Fund Appropriations/Allocations									
2008 Parks Levy Fund	0	1,193	0	0	0	0	0	0	1,193
Total*:	0	1,193	0	0	0	0	0	0	1,193
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		24	500	669	0	0	0	0	1,193
Total:		24	500	669	0	0	0	0	1,193

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

Hiawatha Playfield Synthetic Turf Resurfacing

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2020
Project ID:	K732486	**End Date:**	Q1/2021
Location:	2700 California AVE SW		
Neighborhood Plan:	Admiral	**Council District:**	1
Neighborhood District:	Southwest	**Urban Village:**	Admiral District

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	0	1,092	0	1,092
Total:	0	0	0	0	0	0	1,092	0	1,092
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	1,092	0	1,092
Total*:	0	0	0	0	0	0	1,092	0	1,092
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Highland Park Playground Renovation

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	K730181	**End Date:**	Q3/2016
Location:	1100 SW Cloverdale ST		
Neighborhood Plan:	Westwood & Highland Park	**Council District:**	1
Neighborhood District:	Delridge	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	64	310	0	0	0	0	0	0	374
Total:	64	310	0	0	0	0	0	0	374
Fund Appropriations/Allocations									
2008 Parks Levy Fund	64	310	0	0	0	0	0	0	374
Total*:	64	310	0	0	0	0	0	0	374
O & M Costs (Savings)			6	6	6	6	7	7	38
Spending Plan by Fund									
2008 Parks Levy Fund		26	284	0	0	0	0	0	310
Total:		26	284	0	0	0	0	0	310

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

Hing Hay Park Development

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	New Facility	**Start Date:**	Q1/2013
Project ID:	K730091	**End Date:**	Q2/2016
Location:	423 Maynard AVE S		
Neighborhood Plan:	International District/Chinatown	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	International District

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	545	2,825	0	0	0	0	0	0	3,370
Total:	545	2,825	0	0	0	0	0	0	3,370
Fund Appropriations/Allocations									
2008 Parks Levy Fund	545	2,825	0	0	0	0	0	0	3,370
Total*:	545	2,825	0	0	0	0	0	0	3,370
O & M Costs (Savings)			23	24	24	25	25	26	147
Spending Plan by Fund									
2008 Parks Levy Fund		2,421	404	0	0	0	0	0	2,825
Total:		2,421	404	0	0	0	0	0	2,825

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

Hubbard Homestead Park (Northgate) Acquisition- Debt Service

BCL/Program Name:	Debt and Special Funding	**BCL/Program Code:**	K72440
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	K732321	**End Date:**	Q4/2027
Location:	NE 112th St/5th Ave NE		
Neighborhood Plan:	Northgate	**Council District:**	More than one
Neighborhood District:	In more than one District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	1,507	239	236	234	234	221	224	221	3,116
Total:	1,507	239	236	234	234	221	224	221	3,116
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,507	239	236	234	234	221	224	221	3,116
Total*:	1,507	239	236	234	234	221	224	221	3,116
O & M Costs (Savings)			0	0	0	0	0	0	0

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

HVAC System Duct Cleaning Program - Large Buildings

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732421	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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. This project was formerly project number K73669. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Property Sales and Interest Earnings	172	38	35	35	35	35	35	35	420
Total:	172	38	35	35	35	35	35	35	420
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	172	38	35	35	35	35	35	35	420
Total*:	172	38	35	35	35	35	35	35	420
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Irrigation Replacement and Outdoor Infrastructure Program

BCL/Program Name:	Parks Infrastructure	**BCL/Program Code:**	K72441
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732406	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project funds engineering and other studies of the Department's park irrigation and outdoor infrastructure systems (e.g., water mains, irrigation and drainage lines, sanitary and storm sewers, electrical utilities, roads, paths, trails, retaining walls, bridges, saltwater piers, and related infrastructure); associated cost estimating; related staff and consultant support for developing and prioritizing projects within the Department's Asset Management Plan; and implements replacemen projects at various sites. Specific projects are determined by the study and operational considerations. This project provides conservation benefits by reducing water loss due to leaking systems, allocating water flow more efficiently through improved technology, and implementing other related work. It also extends the useful life of the infrastructure.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	821	9	0	300	300	300	550	550	2,830
Real Estate Excise Tax I	154	349	300	0	0	0	0	0	803
Drainage and Wastewater Rates	0	40	0	0	0	0	0	0	40
Total:	975	398	300	300	300	300	550	550	3,673
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	821	9	0	300	300	300	550	550	2,830
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	154	349	300	0	0	0	0	0	803
Cumulative Reserve Subfund - Unrestricted Subaccount	0	40	0	0	0	0	0	0	40
Total*:	975	398	300	300	300	300	550	550	3,673
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		9	0	300	300	300	550	550	2,009
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		219	430	0	0	0	0	0	649
Cumulative Reserve Subfund - Unrestricted Subaccount		40	0	0	0	0	0	0	40
Total:		268	430	300	300	300	550	550	2,698

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

Jefferson Community Center Renovation

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2019
Project ID:	K732462	**End Date:**	TBD
Location:	3801 Beacon AVE S		
Neighborhood Plan:	North District/Lake City	**Council District:**	2
Neighborhood District:	Greater Duwamish	**Urban Village:**	Not in an Urban Village

This project renovates the facility, including ADA accessibility, major building systems improvements, energy efficient lighting, space renovations, and related improvements as identified in the 2008 ARC Architects study for the community center. This renovation will allow for better accessibility, improved energy efficiency, and more programming opportunities i the center.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	661	0	0	661
Total:	0	0	0	0	0	661	0	0	661
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	661	0	0	661
Total*:	0	0	0	0	0	661	0	0	661
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Lake City Community Center Improvements

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	K732472	**End Date:**	TBD
Location:	12531 28th Avenue NE		
Neighborhood Plan:	North District/Lake City	**Council District:**	5
Neighborhood District:	North	**Urban Village:**	Lake City

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	46	454	0	0	0	0	0	0	500
Total:	46	454	0	0	0	0	0	0	500
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	46	454	0	0	0	0	0	0	500
Total*:	46	454	0	0	0	0	0	0	500
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Lake Union Park Walkway Renovations-2008 Levy

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q3/2014
Project ID:	K730197	**End Date:**	Q4/2017
Location:	860 Terry AVE N		
Neighborhood Plan:	South Lake Union	**Council District:**	3
Neighborhood District:	Lake Union	**Urban Village:**	South Lake Union

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	0	350	0	0	0	0	0	0	350
Total:	0	350	0	0	0	0	0	0	350
Fund Appropriations/Allocations									
2008 Parks Levy Fund	0	350	0	0	0	0	0	0	350
Total*:	0	350	0	0	0	0	0	0	350
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		31	100	219	0	0	0	0	350
Total:		31	100	219	0	0	0	0	350

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

Landscape Restoration Program

BCL/Program Name:	Citywide and Neighborhood Projects	**BCL/Program Code:**	K72449
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732402	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**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. This project was formerly project number K732214. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	1,729	(9)	0	0	430	430	430	430	3,440
Real Estate Excise Tax I	292	495	430	430	0	0	0	0	1,647
Property Sales and Interest Earnings	1	109	0	0	0	0	0	0	110
Total:	2,022	595	430	430	430	430	430	430	5,197
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,729	(9)	0	0	430	430	430	430	3,440
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	292	495	430	430	0	0	0	0	1,647
Cumulative Reserve Subfund - Unrestricted Subaccount	1	109	0	0	0	0	0	0	110
Total*:	2,022	595	430	430	430	430	430	430	5,197
O & M Costs (Savings)			19	19	19	20	20	21	118
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		(9)	0	0	430	430	430	430	1,711
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		495	430	430	0	0	0	0	1,355
Cumulative Reserve Subfund - Unrestricted Subaccount		39	70	0	0	0	0	0	109
Total:		525	500	430	430	430	430	430	3,175

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

Langston Hughes Performing Arts Center Renovation-2008 Parks Levy

BCL/Program Name:	2008 Parks Levy- Cultural Facilities	**BCL/Program Code:**	K720021
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q2/2009
Project ID:	K730121	**End Date:**	Q2/2016
Location:	104 17th AVE S		
Neighborhood Plan:	Central Area	**Council District:**	3
Neighborhood District:	Central	**Urban Village:**	23rd Ave. @ Jackson

This project provides for seismic upgrade, electrical system modernization, and other work at Langston Hughes Performing Arts Center. This project enhances the safety of the facility per the recommendations/findings of a previous architectural and engineering assessment of the building in 2008. This project is part of the 2008 Parks Levy. See related project Langston Hughes Performing Arts Center - Renovation (K732314).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
State Grant Funds	449	0	0	0	0	0	0	0	449
Seattle Voter-Approved Levy	2,995	126	0	0	0	0	0	0	3,121
Total:	3,444	126	0	0	0	0	0	0	3,570
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	449	0	0	0	0	0	0	0	449
2008 Parks Levy Fund	2,995	126	0	0	0	0	0	0	3,121
Total*:	3,444	126	0	0	0	0	0	0	3,570
O & M Costs (Savings)			3	3	4	4	5	5	24
Spending Plan by Fund									
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
2008 Parks Levy Fund		26	100	0	0	0	0	0	126
Total:		26	100	0	0	0	0	0	126

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

Lower Woodland Park Playfield #2 Synthetic Turf Replacement

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2019
Project ID:	K732477	**End Date:**	TBD
Location:	1000 N 50th ST		
Neighborhood Plan:	Greenlake	**Council District:**	6
Neighborhood District:	Northwest	**Urban Village:**	Not in an Urban Village

This project replaces the 100,800 square foot synthetic turf field surfacing which was installed in 2009, and performs related work. The surfacing material is near the end of its lifecyle. This improvement allows the continued use and scheduling of the playfield for soccer, lacrosse, and other activities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	550	0	0	550
Total:	0	0	0	0	0	550	0	0	550
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	550	0	0	550
Total*:	0	0	0	0	0	550	0	0	550
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Lower Woodland Park Playfield #7 Synthetic Turf Replacement

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2019
Project ID:	K732478	**End Date:**	TBD
Location:	1000 N 50th ST		
Neighborhood Plan:	Greenlake	**Council District:**	6
Neighborhood District:	Northwest	**Urban Village:**	Not in an Urban Village

This project replaces the 75,600 square foot synthetic turf field surfacing which was installed in 2009, and performs related work. The surfacing material is near the end of its lifecyle. This improvement allows the continued use and scheduling of the playfield for soccer, lacrosse, and other activities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	425	0	0	425
Total:	0	0	0	0	0	425	0	0	425
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	425	0	0	425
Total*:	0	0	0	0	0	425	0	0	425
O & M Costs (Savings)			0	0	0	0	0	0	0

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Loyal Heights Community Center Renovation

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2017
Project ID:	K732464	**End Date:**	TBD
Location:	2101 N 77th ST		
Neighborhood Plan:	Crown Hill/Ballard	**Council District:**	6
Neighborhood District:	Ballard	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	1,671	0	0	0	1,671
Real Estate Excise Tax I	0	0	0	197	0	0	0	0	197
Total:	0	0	0	197	1,671	0	0	0	1,868
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	1,671	0	0	0	1,671
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	197	0	0	0	0	197
Total*:	0	0	0	197	1,671	0	0	0	1,868
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Loyal Heights Playfield Turf Replacement

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2017
Project ID:	K732465	**End Date:**	TBD
Location:	2101 N 77th ST		
Neighborhood Plan:	Crown Hill/Ballard	**Council District:**	6
Neighborhood District:	Ballard	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	1,069	0	0	0	0	1,069
Total:	0	0	0	1,069	0	0	0	0	1,069
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	1,069	0	0	0	0	1,069
Total*:	0	0	0	1,069	0	0	0	0	1,069
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Magnuson Park (5 Fields) Synthetic Turf Replacement

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2019
Project ID:	K732479	**End Date:**	TBD
Location:	7400 Sand Point WAY N		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	4
Neighborhood District:	Northeast	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	1,532	0	0	1,532
Total:	0	0	0	0	0	1,532	0	0	1,532
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	1,532	0	0	1,532
Total*:	0	0	0	0	0	1,532	0	0	1,532
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Magnuson Park Building #406 Roof Replacement

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	K732467	**End Date:**	Q1/2016
Location:	7400 Sand Point WAY N		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	4
Neighborhood District:	Northeast	**Urban Village:**	Not in an Urban Village

This project replaces the Built Up Roofing (BUR) system with a rubberized/EPDM roofing system with 20KW photovoltaic panels. The system will supply power into the electrical system for the building, which will reduce the amount of utility power used. At certain times, the system may produce more power than is being used by the building, resulting in a credit for power used.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax I	8	178	0	0	0	0	0	0	186
Total:	8	178	0	0	0	0	0	0	186
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	8	178	0	0	0	0	0	0	186
Total*:	8	178	0	0	0	0	0	0	186
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		137	41	0	0	0	0	0	178
Total:		137	41	0	0	0	0	0	178

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

Magnuson Park Building #406 Roof Replacement-2008 Levy

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q2/2014
Project ID:	K730198	**End Date:**	Q2/2016
Location:	7400 Sand Point WAY NE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	4
Neighborhood District:	Northeast	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	0	1,352	0	0	0	0	0	0	1,352
Total:	0	1,352	0	0	0	0	0	0	1,352
Fund Appropriations/Allocations									
2008 Parks Levy Fund	0	1,352	0	0	0	0	0	0	1,352
Total*:	0	1,352	0	0	0	0	0	0	1,352
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		364	988	0	0	0	0	0	1,352
Total:		364	988	0	0	0	0	0	1,352

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

Major Maintenance Backlog and Asset Management

BCL/Program Name:	Fix It First - CIP	**BCL/Program Code:**	K720300
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	K730300	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project provides funding for major maintenance projects for assets in all of the city parks and recreation facilities,including athletic fields, play areas, swimming pools, trails, buildings, accessibility elements, outdoor infrastructure, and related work. This project also funds a new integrated asset management and work order system to better track and forecast long-term asset and maintenance needs. The project also increases Parks' ability to remove property encroachments. Typical major maintenance improvements may include, but are not limited to renovating buildings, Americans with Disabilities (ADA) access improvements, replacing play area structures, forest, landscape, trail maintenance and improvements, swimming pool repairs, athletic field refurbishment, and installation of energy efficient lighting, and related major maintenance work. These projects will address health and safety codes, extend the life of the asset, improve access for all, reduce energy costs, reclaim Parks property, and improve the overall park experience for the public. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Park District Revenues	0	844	16,862	18,360	18,819	19,289	19,771	20,265	114,210
Total:	0	844	16,862	18,360	18,819	19,289	19,771	20,265	114,210
Fund Appropriations/Allocations									
Parks Capital Fund	0	844	16,862	18,360	18,819	19,289	19,771	20,265	114,210
Total*:	0	844	16,862	18,360	18,819	19,289	19,771	20,265	114,210
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Parks Capital Fund		794	10,393	20,776	15,966	20,766	17,966	22,776	109,437
Total:		794	10,393	20,776	15,966	20,766	17,966	22,776	109,437

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

Major Parks- 2008 Parks Levy

BCL/Program Name:	2008 Parks Levy- Major Parks	**BCL/Program Code:**	K720023
Project Type:	Improved Facility	**Start Date:**	Q1/2010
Project ID:	K730023	**End Date:**	TBD
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

The project provides a contingency for Major Parks projects on a case-by-case basis, subject to Department recommendations. General costs applicable to all projects, such as interest on borrowed funds, may be paid from this project. This project is part of the 2008 Parks Levy.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	14	22	0	0	0	0	0	0	36
Total:	14	22	0	0	0	0	0	0	36
Fund Appropriations/Allocations									
2008 Parks Levy Fund	14	22	0	0	0	0	0	0	36
Total*:	14	22	0	0	0	0	0	0	36
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		6	16	0	0	0	0	0	22
Total:		6	16	0	0	0	0	0	22

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

Major Projects Challenge Fund

BCL/Program Name:	Building For The Future - CIP	**BCL/Program Code:**	K720302
Project Type:	Improved Facility	**Start Date:**	Q1/2016
Project ID:	K730307	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project provides funding to leverage community-generated funding for renovation or development of large projects of Parks' facilities where other City funding is unavailable, often times due to the magnitude of the project. These projects will require matching funds, so the leveraging will stretch the City's funding, and more great community-generated projects can be accomplished. The community will benefit from new and/or improved facilities that can better accommodate current and projected park and recreation needs and demands. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Park District Revenues	0	0	1,600	1,640	1,681	1,723	1,766	1,810	10,220
Total:	0	0	1,600	1,640	1,681	1,723	1,766	1,810	10,220
Fund Appropriations/Allocations									
Parks Capital Fund	0	0	1,600	1,640	1,681	1,723	1,766	1,810	10,220
Total*:	0	0	1,600	1,640	1,681	1,723	1,766	1,810	10,220
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Parks Capital Fund		0	350	1,900	2,100	1,900	2,100	1,400	9,750
Total:		0	350	1,900	2,100	1,900	2,100	1,400	9,750

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

Marra-Desimone Park Development

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	New Facility	**Start Date:**	Q1/2013
Project ID:	K730100	**End Date:**	Q4/2016
Location:	9026 4th AVE S		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Greater Duwamish	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	66	1,034	0	0	0	0	0	0	1,100
Total:	66	1,034	0	0	0	0	0	0	1,100
Fund Appropriations/Allocations									
2008 Parks Levy Fund	66	1,034	0	0	0	0	0	0	1,100
Total*:	66	1,034	0	0	0	0	0	0	1,100
O & M Costs (Savings)			30	30	30	31	32	33	186
Spending Plan by Fund									
2008 Parks Levy Fund		152	882	0	0	0	0	0	1,034
Total:		152	882	0	0	0	0	0	1,034

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

Miller Playfield Synthetic Turf Replacement

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2019
Project ID:	K732475	**End Date:**	TBD
Location:	330 19th AVE E		
Neighborhood Plan:	Central Area	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	Madison-Miller

This project replaces the 100,200 square foot synthetic turf field surfacing which was installed in 2009, and performs related work. The surfacing material is near the end of its lifecyle. This improvement allows the continued use and scheduling of the playfield for soccer, baseball, and other activities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	495	0	0	495
Total:	0	0	0	0	0	495	0	0	495
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	495	0	0	495
Total*:	0	0	0	0	0	495	0	0	495
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Municipal Energy Efficiency Program - Parks

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2011
Project ID:	K732433	**End Date:**	TBD
Location:	Citywide Multiple Locations		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	174	82	0	0	0	0	0	0	256
Miscellaneous Grants or Donations	0	129	0	0	0	0	0	0	129
General Obligation Bonds	254	224	0	0	0	0	0	0	478
Total:	428	435	0	0	0	0	0	0	863
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	174	82	0	0	0	0	0	0	256
Cumulative Reserve Subfund - Unrestricted Subaccount	0	129	0	0	0	0	0	0	129
2011 Multipurpose LTGO Bond Fund	254	224	0	0	0	0	0	0	478
Total*:	428	435	0	0	0	0	0	0	863
O & M Costs (Savings)			(70)	(70)	(70)	(70)	(70)	(70)	(420)
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		82	0	0	0	0	0	0	82
Cumulative Reserve Subfund - Unrestricted Subaccount		0	129	0	0	0	0	0	129
2011 Multipurpose LTGO Bond Fund		224	0	0	0	0	0	0	224
Total:		306	129	0	0	0	0	0	435

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

Neighborhood Capital Program

BCL/Program Name:	Citywide and Neighborhood Projects	**BCL/Program Code:**	K72449
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2008
Project ID:	K732376	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project provides funding for various projects that were proposed and prioritized by Community District Councils and selected by a team of City staff from the Department of Neighborhoods, the Parks Department, Seattle Department of Transportation, and the City Budget Office.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	536	357	207	0	0	0	0	0	1,100
Real Estate Excise Tax I	243	0	0	0	0	0	0	0	243
Total:	779	357	207	0	0	0	0	0	1,343
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	536	357	207	0	0	0	0	0	1,100
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	243	0	0	0	0	0	0	0	243
Total*:	779	357	207	0	0	0	0	0	1,343
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Neighborhood Park Acquisitions- 2008 Parks Levy

BCL/Program Name:	2008 Parks Levy- Neighborhood Park Acquisition	**BCL/Program Code:**	K720010
Project Type:	New Facility	**Start Date:**	Q2/2009
Project ID:	K730010	**End Date:**	TBD
Location:	Multiple Locations		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project provides for acquisition of property to create new urban parklands in Seattle's most densely-developed neighborhoods as identified in Seattle Parks and Recreation's 2006 Gap Analysis. New park land acquisition enhances livability and increases opportunities for the public to enjoy the outdoors. The acquisitions also implement the Parks Strategic Action Plan. Levy funds are expected to be supplemented by grants and funds from other sources and are not expected to be sufficient to complete acquisitions in all the targeted areas. This project is part of the 2008 Parks Levy.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	16,545	7,820	0	0	0	0	0	0	24,365
Total:	16,545	7,820	0	0	0	0	0	0	24,365
Fund Appropriations/Allocations									
2008 Parks Levy Fund	16,545	7,820	0	0	0	0	0	0	24,365
Total*:	16,545	7,820	0	0	0	0	0	0	24,365
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		4,369	4,405	2,000	0	0	0	0	10,774
Total:		4,369	4,405	2,000	0	0	0	0	10,774

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

Neighborhood Parks & Playgrounds- 2008 Parks Levy

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K730020	**End Date:**	TBD
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	128	219	0	0	0	0	0	0	347
Total:	128	219	0	0	0	0	0	0	347
Fund Appropriations/Allocations									
2008 Parks Levy Fund	128	219	0	0	0	0	0	0	347
Total*:	128	219	0	0	0	0	0	0	347
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		100	100	19	0	0	0	0	219
Total:		100	100	19	0	0	0	0	219

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

Neighborhood Response Program

BCL/Program Name:	Citywide and Neighborhood Projects	**BCL/Program Code:**	K72449
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732416	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program provides funding for small projects identified by citizens, neighborhood groups, or other community organizations. Projects address requests which are typically under $50,000, and may be used for major maintenance activities performed in conjunction with development-oriented Neighborhood Matching Fund (NMF) projects. This program enables the Department to respond quickly to community requests for repairs in neighborhood parks. This project was formerly project number K73508. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	677	0	0	250	250	250	250	250	1,927
Real Estate Excise Tax I	47	383	250	0	0	0	0	0	680
King County Funds	37	0	0	0	0	0	0	0	37
Private Funding/Donations	130	0	0	0	0	0	0	0	130
Total:	891	383	250	250	250	250	250	250	2,774
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	677	0	0	250	250	250	250	250	1,927
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	47	383	250	0	0	0	0	0	680
Cumulative Reserve Subfund - Unrestricted Subaccount	167	0	0	0	0	0	0	0	167
Total*:	891	383	250	250	250	250	250	250	2,774
O & M Costs (Savings)			0	0	0	0	0	0	0

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Northwest Native Canoe Center Development

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	K730185	**End Date:**	Q4/2016
Location:	860 Terry AVE N		
Neighborhood Plan:	South Lake Union	**Council District:**	3
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	South Lake Union

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	8	743	0	0	0	0	0	0	751
Total:	8	743	0	0	0	0	0	0	751
Fund Appropriations/Allocations									
2008 Parks Levy Fund	8	743	0	0	0	0	0	0	751
Total*:	8	743	0	0	0	0	0	0	751
O & M Costs (Savings)			11	12	12	13	13	14	75
Spending Plan by Fund									
2008 Parks Levy Fund		43	700	0	0	0	0	0	743
Total:		43	700	0	0	0	0	0	743

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Opportunity Fund Acquisitions- 2008 Parks Levy

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	New Facility	**Start Date:**	Q1/2010
Project ID:	K730040	**End Date:**	TBD
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This project provides funding to cover the costs of pre-acquisition activities (including planning, title searches, appraisals, negotiations, and community involvement) associated with acquisitions of specified real property as approved for the Opportunity Fund of the levy. Acquisitions will be authorized and funded through separate legislative action. This project is part of the 2008 Parks Levy.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	1,975	0	0	0	0	0	0	0	1,975
Seattle Voter-Approved Levy	5,865	639	0	0	0	0	0	0	6,504
Total:	7,840	639	0	0	0	0	0	0	8,479
Fund Appropriations/Allocations									
2000 Parks Levy Fund	1,975	0	0	0	0	0	0	0	1,975
2008 Parks Levy Fund	5,865	639	0	0	0	0	0	0	6,504
Total*:	7,840	639	0	0	0	0	0	0	8,479
O & M Costs (Savings)			12	12	12	12	12	13	73
Spending Plan by Fund									
2000 Parks Levy Fund		0	0	0	0	0	0	0	0
2008 Parks Levy Fund		600	39	0	0	0	0	0	639
Total:		600	39	0	0	0	0	0	639

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Opportunity Fund Development- 2008 Parks Levy

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	Improved Facility	**Start Date:**	Q1/2010
Project ID:	K730041	**End Date:**	Q4/2017
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	1	17	0	0	0	0	0	0	18
King County Voter-Approved Levy	0	0	348	0	0	0	0	0	348
Total:	1	17	348	0	0	0	0	0	366
Fund Appropriations/Allocations									
2008 Parks Levy Fund	1	17	0	0	0	0	0	0	18
2013 King County Parks Levy	0	0	348	0	0	0	0	0	348
Total*:	1	17	348	0	0	0	0	0	366
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		5	7	5	0	0	0	0	17
2013 King County Parks Levy		0	348	0	0	0	0	0	348
Total:		5	355	5	0	0	0	0	365

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Park Acquisition and Development

BCL/Program Name:	Citywide and Neighborhood Projects	**BCL/Program Code:**	K72449
Project Type:	New Facility	**Start Date:**	
Project ID:	K732497	**End Date:**	
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

This project provides funding for property acquisition for park purposes using a variety of funding sources. It also provides funding for developing acquired property.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	400	0	0	0	0	0	0	400
CRS Misc Revenues	0	2,905	0	0	0	0	0	0	2,905
Total:	0	3,305	0	0	0	0	0	0	3,305
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	400	0	0	0	0	0	0	400
Cumulative Reserve Subfund - Unrestricted Subaccount	0	2,905	0	0	0	0	0	0	2,905
Total*:	0	3,305	0	0	0	0	0	0	3,305
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	400	0	0	0	0	0	400
Cumulative Reserve Subfund - Unrestricted Subaccount		0	2,905	0	0	0	0	0	2,905
Total:		0	3,305	0	0	0	0	0	3,305

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Park Land Acquisition and Leverage Fund

BCL/Program Name:	Building For The Future - CIP	**BCL/Program Code:**	K720302
Project Type:	New Facility	**Start Date:**	Q1/2016
Project ID:	K730306	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project provides funds for land acquisition, leveraging capital projects, pre-acquisition activities (including planning, title searches, appraisals, negotiations, and community involvement), associated with acquisitions of specified real property, and related work. The project also serves as a match to leverage other funding sources such as King County Conservation Futures. The City is growing and there is a need to add parkland to meet park and open space goals and improve the quality of life for Seattle residents. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Park District Revenues	0	0	2,000	2,050	2,101	2,154	2,208	2,263	12,776
Total:	0	0	2,000	2,050	2,101	2,154	2,208	2,263	12,776
Fund Appropriations/Allocations									
Parks Capital Fund	0	0	2,000	2,050	2,101	2,154	2,208	2,263	12,776
Total*:	0	0	2,000	2,050	2,101	2,154	2,208	2,263	12,776
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Parks Capital Fund		0	1,050	2,000	2,100	2,375	2,400	2,350	12,275
Total:		0	1,050	2,000	2,100	2,375	2,400	2,350	12,275

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Parks Central Waterfront Piers Rehabilitation

BCL/Program Name:	Docks/Piers/Floats/Seawalls/Shorelines	**BCL/Program Code:**	K72447
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	K732493	**End Date:**	TBD
Location:	Alaskan Way		
Neighborhood Plan:	Commercial Core	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

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 Central Waterfront Improvement Fund will pay for the rehabilitation. This project is part of the overall waterfront improvement program.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	3,900	1,618	1,705	3,000	0	10,223
Interfund Loan	0	0	2,147	0	0	0	0	0	2,147
Private Funding/Donations	0	0	0	1,500	7,290	1,135	3,170	1,475	14,570
Seawall Levy	0	0	100	1,053	1,000	850	0	0	3,003
Local Improvement District Bonds	0	0	0	6,290	11,295	30,711	10,005	335	58,636
Total:	0	0	2,247	12,743	21,203	34,401	16,175	1,810	88,579
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	3,900	1,618	1,705	3,000	0	10,223
Central Waterfront Improvement Fund	0	0	2,247	8,843	19,585	32,696	13,175	1,810	78,356
Total*:	0	0	2,247	12,743	21,203	34,401	16,175	1,810	88,579

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

Parks Maintenance Facility Acquisition - Debt Service

BCL/Program Name:	Debt and Special Funding	**BCL/Program Code:**	K72440
Project Type:	Improved Facility	**Start Date:**	Q1/1999
Project ID:	K73502	**End Date:**	Q4/2022
Location:	4201 W Marginal Wy SW		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Greater Duwamish	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	4,641	561	563	562	561	559	555	556	8,558
City Light Fund Revenues	576	1	0	0	0	0	0	0	577
Concession Revenues	40	0	0	0	0	0	0	0	40
City Light Fund Revenues	0	0	0	0	0	0	0	0	0
General Obligation Bonds	39	0	0	0	0	0	0	0	39
Total:	5,296	562	563	562	561	559	555	556	9,214
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,641	561	563	562	561	559	555	556	8,558
Cumulative Reserve Subfund - Unrestricted Subaccount	576	1	0	0	0	0	0	0	577
Parks and Recreation Fund	40	0	0	0	0	0	0	0	40
Parks 2002 Capital Facilities Bond Fund	39	0	0	0	0	0	0	0	39
Total*:	5,296	562	563	562	561	559	555	556	9,214
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Parks Upgrade Program

BCL/Program Name:	Parks Infrastructure	**BCL/Program Code:**	K72441
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732422	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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. This project was formerly project number K73861. A new project number has been created for this project to comply with new accounting procedures, therefore life to date amounts do not appear in the table below. For 2013-2014, this program is funded with federal Community Development Block Grant funds.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	1,524	0	0	0	0	0	0	0	1,524
Federal Community Development Block Grant	1,166	958	808	808	808	808	808	808	6,972
Total:	2,690	958	808	808	808	808	808	808	8,496
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,524	0	0	0	0	0	0	0	1,524
Community Development Block Grant Fund	1,166	958	808	808	808	808	808	808	6,972
Total*:	2,690	958	808	808	808	808	808	808	8,496
O & M Costs (Savings)			44	44	44	45	45	46	268

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

Pavement Restoration Program

BCL/Program Name:	Parks Infrastructure	**BCL/Program Code:**	K72441
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732418	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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. This project was formerly project number K3512. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	642	46	0	0	400	400	400	400	2,288
Real Estate Excise Tax I	142	471	400	400	0	0	0	0	1,413
Federal Grant Funds	538	171	0	0	0	0	0	0	709
Miscellaneous Grants or Donations	0	70	0	0	0	0	0	0	70
Total:	1,322	758	400	400	400	400	400	400	4,480
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	642	46	0	0	400	400	400	400	2,288
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	142	471	400	400	0	0	0	0	1,413
Cumulative Reserve Subfund - Unrestricted Subaccount	538	241	0	0	0	0	0	0	779
Total*:	1,322	758	400	400	400	400	400	400	4,480
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		46	0	0	400	400	400	400	1,646
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		246	625	400	0	0	0	0	1,271
Cumulative Reserve Subfund - Unrestricted Subaccount		241	0	0	0	0	0	0	241
Total:		533	625	400	400	400	400	400	3,158

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

Pioneer Square Comfort Station

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	New Facility	**Start Date:**	Q1/2015
Project ID:	K732494	**End Date:**	Q1/2016
Location:	TBD		
Neighborhood Plan:	Pioneer Square	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Pioneer Square

This project, funded with REET funds, plans, designs, and installs a "Portland Loo," a stand-alone, comfort station in the vicinity of Occidental Square in the Pioneer Square Neighborhood, and undertakes related work. The comfort station will be ADA accessible.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	320	0	0	0	0	0	0	320
Total:	0	320	0	0	0	0	0	0	320
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	320	0	0	0	0	0	0	320
Total*:	0	320	0	0	0	0	0	0	320
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		170	150	0	0	0	0	0	320
Total:		170	150	0	0	0	0	0	320

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

Play Area Renovations

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	K732468	**End Date:**	TBD
Location:			
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project renovates a number of play areas in the park system. Improvements may include equipment replacement, ADA access, surfacing and containment renovation, and related elements. The sites will be determined each year using the Play Area Inventory and Assessment report.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Subfund Revenues	0	0	60	0	0	0	0	0	60
Real Estate Excise Tax II	0	0	488	107	500	500	0	0	1,595
King County Voter-Approved Levy	0	500	452	1,000	1,000	1,000	0	0	3,952
Total:	0	500	1,000	1,107	1,500	1,500	0	0	5,607
Fund Appropriations/Allocations									
General Subfund	0	0	60	0	0	0	0	0	60
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	488	107	500	500	0	0	1,595
2013 King County Parks Levy	0	500	452	1,000	1,000	1,000	0	0	3,952
Total*:	0	500	1,000	1,107	1,500	1,500	0	0	5,607
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Play Area Renovations-2008 Levy

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q3/2014
Project ID:	K730202	**End Date:**	Q3/2016
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	0	893	0	0	0	0	0	0	893
Total:	0	893	0	0	0	0	0	0	893
Fund Appropriations/Allocations									
2008 Parks Levy Fund	0	893	0	0	0	0	0	0	893
Total*:	0	893	0	0	0	0	0	0	893
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		53	840	0	0	0	0	0	893
Total:		53	840	0	0	0	0	0	893

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

Play Area Safety Program

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732403	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program renovates play areas, makes ADA improvements, installs safety upgrades, and performs other related work. The program focuses on addressing safety issues at two to four play areas per year. Primarily, the program is focused on installing proper safety surfacing at children's play areas throughout the parks system. Future funding for this program depends on specific projects and available resources, including grants. This program extends the useful life and improves the safety of the play areas. This project was formerly project number K732218. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	439	1	0	150	150	150	150	150	1,190
Real Estate Excise Tax I	73	185	150	0	0	0	0	0	408
Total:	512	186	150	150	150	150	150	150	1,598
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	439	1	0	150	150	150	150	150	1,190
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	73	185	150	0	0	0	0	0	408
Total*:	512	186	150	150	150	150	150	150	1,598
O & M Costs (Savings)			18	18	18	19	19	20	112

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

Pool Plaster Liner Replacements

BCL/Program Name:	Pools/Natatorium Renovations	**BCL/Program Code:**	K72446
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2017
Project ID:	K732455	**End Date:**	TBD
Location:			
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project replaces pool plaster liners at five pools, in priority order: Evans, Evers, Ballard, Southwest, and Pop Mounger. Pool plaster liners typically last approximately 15 to 20 years, depending on the specific conditions at a pool. New pool liners protect the pool shell, make the pool brighter, and improve underwater visibility. They also have smoother finishes than older ones, which can minimize potential abrasions for the users.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	200	0	0	0	0	200
Total:	0	0	0	200	0	0	0	0	200
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	200	0	0	0	0	200
Total*:	0	0	0	200	0	0	0	0	200
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Pratt Park Water Feature Renovation

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	K732469	**End Date:**	Q1/2016
Location:	1800 S Main ST		
Neighborhood Plan:	Central Area	**Council District:**	3
Neighborhood District:	Central	**Urban Village:**	23rd Ave. @ Jackson

This project repairs or replaces the surface at the water play feature, installs a recirculating system for it, and performs related improvements. Together, these elements improve water conservation, safety, and water play value at this busy park.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	171	0	0	0	0	0	0	171
Total:	0	171	0	0	0	0	0	0	171
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	171	0	0	0	0	0	0	171
Total*:	0	171	0	0	0	0	0	0	171
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		141	30	0	0	0	0	0	171
Total:		141	30	0	0	0	0	0	171

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

Pratt Park Water Feature Renovation-2008 Levy

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	K730199	**End Date:**	Q2/2016
Location:	1800 S Main ST		
Neighborhood Plan:	Central Area	**Council District:**	3
Neighborhood District:	Central	**Urban Village:**	23rd Ave. @ Jackson

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	0	514	0	0	0	0	0	0	514
Total:	0	514	0	0	0	0	0	0	514
Fund Appropriations/Allocations									
2008 Parks Levy Fund	0	514	0	0	0	0	0	0	514
Total*:	0	514	0	0	0	0	0	0	514
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		314	200	0	0	0	0	0	514
Total:		314	200	0	0	0	0	0	514

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

Puget Park - Environmental Remediation

BCL/Program Name:	Debt and Special Funding	**BCL/Program Code:**	K72440
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1997
Project ID:	K73127	**End Date:**	TBD
Location:	1900 SW Dawson St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Delridge	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Private Funding/Donations	0	305	0	0	0	0	0	0	305
General Subfund Revenues	21	0	0	0	0	0	0	0	21
Private Funding/Donations	204	0	0	0	0	0	0	0	204
Total:	225	305	0	0	0	0	0	0	530
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	305	0	0	0	0	0	0	305
Emergency Subfund	21	0	0	0	0	0	0	0	21
Parks and Recreation Fund	204	0	0	0	0	0	0	0	204
Total*:	225	305	0	0	0	0	0	0	530
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Unrestricted Subaccount		5	10	10	10	10	10	250	305
Emergency Subfund		0	0	0	0	0	0	0	0
Parks and Recreation Fund		0	0	0	0	0	0	0	0
Total:		5	10	10	10	10	10	250	305

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

Queen Anne Bowl Playfield Turf Replacement

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2018
Project ID:	K732470	**End Date:**	TBD
Location:	2806 3rd AVE W		
Neighborhood Plan:	Queen Anne	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	480	0	0	0	480
Total:	0	0	0	0	480	0	0	0	480
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	480	0	0	0	480
Total*:	0	0	0	0	480	0	0	0	480
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Rejuvenate Our P-Patches

BCL/Program Name:	Maintaining Parks and Facilities - CIP	**BCL/Program Code:**	K720301
Project Type:	Improved Facility	**Start Date:**	Q1/2015
Project ID:	K730305	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project revitalizes the City's 82 P-Patch Community Gardens. Typical projects will improve the paths, improve the planting beds and common areas, improve Americans with Disabilities (ADA) access, update aging infrastructure, and related work. The first P-Patch was constructed in 1973, and more have been added in the past 40 years. The individual projects will address safety and code requirements, extend the life of the asset, improve accessibility, and contribute to better air quality. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Park District Revenues	0	100	200	205	210	215	231	237	1,398
Total:	0	100	200	205	210	215	231	237	1,398
Fund Appropriations/Allocations									
Parks Capital Fund	0	100	200	205	210	215	231	237	1,398
Total*:	0	100	200	205	210	215	231	237	1,398
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Roof & Building Envelope Program

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732420	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project funds architectural, engineering and other studies of the Department's buildings (roofs, structure and other related infrastructure); associated cost estimating; related staff and consultant support for developing and prioritizing projects within the Department's Asset Management Plan; and implements the replacement or renovation of buildings and roofs throughout the park system, including those at comfort stations, picnic shelters, community centers, and small roof sections of larger buildings.

This project extends the useful life of the buildings and roofs; assures that the facilities are protected against damage from roof and wall leaks; and assures that general building issues are addressed in the Asset Management Plan.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	1,067	(83)	0	0	350	350	350	350	2,384
Real Estate Excise Tax I	140	482	350	350	0	0	0	0	1,322
Total:	1,207	399	350	350	350	350	350	350	3,706
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,067	(83)	0	0	350	350	350	350	2,384
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	140	482	350	350	0	0	0	0	1,322
Total*:	1,207	399	350	350	350	350	350	350	3,706
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Saving our City Forests

BCL/Program Name:	Fix It First - CIP	**BCL/Program Code:**	K720300
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	K730302	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project restores and maintains Seattle's 2,500 acres of urban forests. Seattle's trees are aging and inundated with invasive plants, including English ivy, Himalayan blackberry, Scot's broom, and knotweed. This project expands Parks' capacity to restore forest land, and to provide the ongoing monitoring and maintenance work necessary to keep restored areas from being overrun by invasive plants. A healthy urban forest contributes significantly to the health of the environment by cleaning air and water, filtering and retaining storm water, and providing a respite from the built environment. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Park District Revenues	0	354	2,197	2,251	2,308	2,365	2,425	2,486	14,386
Total:	0	354	2,197	2,251	2,308	2,365	2,425	2,486	14,386
Fund Appropriations/Allocations									
Parks Capital Fund	0	354	2,197	2,251	2,308	2,365	2,425	2,486	14,386
Total*:	0	354	2,197	2,251	2,308	2,365	2,425	2,486	14,386
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Seattle Asian Art Museum Renovation

BCL/Program Name:	2008 Parks Levy- Cultural Facilities	**BCL/Program Code:**	K720021
Project Type:	Rehabilitation or Restoration	**Start Date:**	TBD
Project ID:	K730122	**End Date:**	TBD
Location:	1400 Prospect ST		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	Not in an Urban Village

This project provides 2008 Parks Levy funds to support the renovation of the city-owned Seattle Asian Art Museum in Volunteer Park in partnership with the Seattle Art Museum. Levy funds, which are anticipated to cover approximately 40 percent of the total renovation costs, will not be released until future Council action by ordinance.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	7,000	6,972	0	0	13,972
Seattle Voter-Approved Levy	0	0	0	0	0	0	0	0	0
Total:	0	0	0	0	7,000	6,972	0	0	13,972
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	7,000	6,972	0	0	13,972
2008 Parks Levy Fund	0	0	0	0	0	0	0	0	0
Total*:	0	0	0	0	7,000	6,972	0	0	13,972
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Seattle Asian Art Museum Restoration

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q4/2007
Project ID:	K732369	**End Date:**	TBD
Location:	1400 E Prospect ST		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	600	0	0	0	0	0	0	0	600
Real Estate Excise Tax I	174	1,167	0	0	0	0	0	0	1,341
Property Sales and Interest Earnings	88	71	0	0	0	0	0	0	159
Total:	862	1,238	0	0	0	0	0	0	2,100
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	600	0	0	0	0	0	0	0	600
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	174	1,167	0	0	0	0	0	0	1,341
Cumulative Reserve Subfund - Unrestricted Subaccount	88	71	0	0	0	0	0	0	159
Total*:	862	1,238	0	0	0	0	0	0	2,100
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		40	40	56	1,031	0	0	0	1,167
Cumulative Reserve Subfund - Unrestricted Subaccount		6	5	5	55	0	0	0	71
Total:		46	45	61	1,086	0	0	0	1,238

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

Seward Park Forest Restoration

BCL/Program Name:	Forest Restoration	**BCL/Program Code:**	K72442
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2008
Project ID:	K732367	**End Date:**	Q4/2018
Location:	5900 Lake Washington Blvd S		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	2
Neighborhood District:	Southeast	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Miscellaneous Grants or Donations	762	116	88	88	90	0	0	0	1,144
Total:	762	116	88	88	90	0	0	0	1,144
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	762	116	88	88	90	0	0	0	1,144
Total*:	762	116	88	88	90	0	0	0	1,144
O & M Costs (Savings)			12	12	12	12	12	12	72

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

Smith Cove Park Development

BCL/Program Name:	Building For The Future - CIP	**BCL/Program Code:**	K720302
Project Type:	Improved Facility	**Start Date:**	Q1/2015
Project ID:	K730311	**End Date:**	Q4/2018
Location:	W Galer ST/23rd AVE W		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	30	0	0	0	0	0	0	30
To be determined	0	0	0	2,900	2,550	0	0	0	5,450
Interfund Loan	0	0	550	0	0	0	0	0	550
Total:	0	30	550	2,900	2,550	0	0	0	6,030
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	30	0	0	0	0	0	0	30
Parks Capital Fund	0	0	550	2,900	2,550	0	0	0	6,000
Total*:	0	30	550	2,900	2,550	0	0	0	6,030
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Tennis & Basketball Court Renovation Program

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732404	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing project renovates tennis and basketball courts throughout the City. The program focuses on crack repair, color coating, providing new posts, standards, and nets, and completing less expensive repairs. Between one and three courts are renovated each year that are selected based on user complaints and staff evaluation of conditions. The Tennis Committee of the Seattle Sports Advisory Committee reviews the proposed project list and helps prioritize court repairs.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	250	0	0	100	100	100	100	100	750
Real Estate Excise Tax I	45	0	0	0	0	0	0	0	45
King County Funds	6	0	0	0	0	0	0	0	6
Total:	301	0	0	100	100	100	100	100	801
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	250	0	0	100	100	100	100	100	750
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	45	0	0	0	0	0	0	0	45
Cumulative Reserve Subfund - Unrestricted Subaccount	6	0	0	0	0	0	0	0	6
Total*:	301	0	0	100	100	100	100	100	801
O & M Costs (Savings)			0	0	0	0	0	0	0

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Trails Renovation Program

BCL/Program Name:	Citywide and Neighborhood Projects	**BCL/Program Code:**	K72449
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732419	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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. This project was formerly project number K73513. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	650	0	0	0	350	350	350	350	2,050
Real Estate Excise Tax I	943	350	350	350	0	0	0	0	1,993
Total:	1,593	350	350	350	350	350	350	350	4,043
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	650	0	0	0	350	350	350	350	2,050
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	943	350	350	350	0	0	0	0	1,993
Total*:	1,593	350	350	350	350	350	350	350	4,043
O & M Costs (Savings)			0	0	0	0	0	0	0

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Troll's Knoll (Aurora Avenue N. and N 36th St.) Park Development

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	New Facility	**Start Date:**	Q1/2012
Project ID:	K730155	**End Date:**	Q1/2016
Location:	Aurora AVE N/N 36th ST/N 36TH ST		
Neighborhood Plan:	Fremont	**Council District:**	More than one
Neighborhood District:	Lake Union	**Urban Village:**	Fremont

This project, part of the 2008 Parks Levy Opportunity Fund, creates a sustainable park space in the Aurora Avenue N. (adjacent to the Aurora Bridge) on the north side of N. 36th St. Proposed sustainable design features include the use of recycled materials, native plants, tree retention, pedestrian paths, storm water management, and other related work. These improvements will provide better pedestrian access and promote the use of “green” infrastructure.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	145	540	0	0	0	0	0	0	685
Total:	145	540	0	0	0	0	0	0	685
Fund Appropriations/Allocations									
2008 Parks Levy Fund	145	540	0	0	0	0	0	0	685
Total*:	145	540	0	0	0	0	0	0	685
O & M Costs (Savings)			25	25	26	26	26	27	155
Spending Plan by Fund									
2008 Parks Levy Fund		535	5	0	0	0	0	0	540
Total:		535	5	0	0	0	0	0	540

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Urban Forestry - Forest Restoration Program

BCL/Program Name:	Forest Restoration	**BCL/Program Code:**	K72442
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	K732410	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**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. This project was formerly project number K732410. A new project number has been created for this project to comply with new accounting procedures, therefore life to date and 2009 revised dollar amounts do not appear in the table below.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	677	27	0	200	200	200	200	200	1,704
Real Estate Excise Tax I	158	228	200	0	0	0	0	0	586
Total:	835	255	200	200	200	200	200	200	2,290
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	677	27	0	200	200	200	200	200	1,704
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	158	228	200	0	0	0	0	0	586
Total*:	835	255	200	200	200	200	200	200	2,290
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Urban Forestry - Green Seattle Partnership

BCL/Program Name:	Forest Restoration	**BCL/Program Code:**	K72442
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	K732340	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project is a collaborative effort between the City of Seattle and the Cascade Land Conservancy to restore 2,500 acres of forested park lands in Seattle by 2025. Restoration for each acre occurs over a three-year period and includes clearing invasive plants, replanting the area with native plants, caring for the plants through establishment, and other related work. This project supports the Green Seattle initiative.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	3,191	0	0	1,700	1,700	1,700	1,700	1,700	11,691
Real Estate Excise Tax I	3,918	1,637	1,700	0	0	0	0	0	7,255
King County Funds	140	0	0	0	0	0	0	0	140
Total:	7,249	1,637	1,700	1,700	1,700	1,700	1,700	1,700	19,086
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,191	0	0	1,700	1,700	1,700	1,700	1,700	11,691
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3,918	1,637	1,700	0	0	0	0	0	7,255
Cumulative Reserve Subfund - Unrestricted Subaccount	140	0	0	0	0	0	0	0	140
Total*:	7,249	1,637	1,700	1,700	1,700	1,700	1,700	1,700	19,086
O & M Costs (Savings)			402	410	418	426	435	447	2,538

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Urban Forestry - Green Seattle Partnership- 2008 Parks Levy

BCL/Program Name:	2008 Parks Levy- Forest & Stream Restoration	**BCL/Program Code:**	K720030
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q2/2009
Project ID:	K730136	**End Date:**	Q1/2016
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This project funds work of the Green Seattle Partnership, which allows the City to leverage the work of the Cascade Land Conservancy to re-establish healthy urban forests on city-owned property. Potential project locations include: West Duwamish Greenbelt, Longfellow Creek, Ravenna Park, Burke-Gilman Trail, and Cheasty Greenspace. This project is part of the 2008 Parks Levy.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	3,843	640	0	0	0	0	0	0	4,483
Total:	3,843	640	0	0	0	0	0	0	4,483
Fund Appropriations/Allocations									
2008 Parks Levy Fund	3,843	640	0	0	0	0	0	0	4,483
Total*:	3,843	640	0	0	0	0	0	0	4,483
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		600	40	0	0	0	0	0	640
Total:		600	40	0	0	0	0	0	640

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

Urban Forestry - Tree Replacement

BCL/Program Name:	Forest Restoration	**BCL/Program Code:**	K72442
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	K732339	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing project replaces each tree removed from developed park land and boulevards with two new trees. The Department typically removes approximately 500 trees per year. This project increases the City's tree canopy and supports the Green Seattle initiative.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	1,074	1	0	95	95	95	95	95	1,550
Real Estate Excise Tax I	38	107	95	0	0	0	0	0	240
Miscellaneous Grants or Donations	41	0	0	0	0	0	0	0	41
Total:	1,153	108	95	95	95	95	95	95	1,831
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,074	1	0	95	95	95	95	95	1,550
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	38	107	95	0	0	0	0	0	240
Cumulative Reserve Subfund - Unrestricted Subaccount	41	0	0	0	0	0	0	0	41
Total*:	1,153	108	95	95	95	95	95	95	1,831
O & M Costs (Savings)			0	0	0	0	0	0	0

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Utility Conservation Program

BCL/Program Name:	Building Component Renovations	**BCL/Program Code:**	K72444
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q2/2007
Project ID:	K732336	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project implements energy conservation projects in collaboration with Seattle City Light, Seattle Public Utilities, and Puget Sound Energy. Projects may include lighting, heating, and water use renovations at various facilities throughout the Parks system. These projects result in energy savings and better air and water quality, and support the Climate Protection Initiative by reducing greenhouse gas emissions. The cost of these projects is expected to be recovered within approximately five years through reduced utility costs and rebates from the three utilities. Rebates and other additional resources will be pursued to fund future conservation projects.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Subfund Revenues	111	0	0	0	0	0	0	0	111
Real Estate Excise Tax II	1,318	0	0	250	250	250	250	250	2,568
Real Estate Excise Tax I	75	264	250	0	0	0	0	0	589
Miscellaneous Grants or Donations	995	141	105	105	105	105	105	105	1,766
Total:	2,499	405	355	355	355	355	355	355	5,034
Fund Appropriations/Allocations									
General Subfund	111	0	0	0	0	0	0	0	111
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,318	0	0	250	250	250	250	250	2,568
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	75	264	250	0	0	0	0	0	589
Cumulative Reserve Subfund - Unrestricted Subaccount	995	141	105	105	105	105	105	105	1,766
Total*:	2,499	405	355	355	355	355	355	355	5,034
O & M Costs (Savings)			0	0	0	0	0	0	0

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Victor Steinbrueck Park Renovation

BCL/Program Name:	2008 Parks Levy- Neighborhood Parks and Playgrounds	**BCL/Program Code:**	K720020
Project Type:	Improved Facility	**Start Date:**	Q1/2013
Project ID:	K730115	**End Date:**	Q2/2017
Location:	2001 Western AVE		
Neighborhood Plan:	Commercial Core	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	26	1,574	0	0	0	0	0	0	1,600
Total:	26	1,574	0	0	0	0	0	0	1,600
Fund Appropriations/Allocations									
2008 Parks Levy Fund	26	1,574	0	0	0	0	0	0	1,600
Total*:	26	1,574	0	0	0	0	0	0	1,600
O & M Costs (Savings)			10	10	10	11	12	13	66
Spending Plan by Fund									
2008 Parks Levy Fund		92	700	782	0	0	0	0	1,574
Total:		92	700	782	0	0	0	0	1,574

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

Virgil Flaim Park Skatespot Development

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	New Facility	**Start Date:**	Q1/2014
Project ID:	K730182	**End Date:**	Q4/2016
Location:	2750 NE 125th ST		
Neighborhood Plan:	North District/Lake City	**Council District:**	5
Neighborhood District:	North	**Urban Village:**	Lake City

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	18	732	0	0	0	0	0	0	750
Total:	18	732	0	0	0	0	0	0	750
Fund Appropriations/Allocations									
2008 Parks Levy Fund	18	732	0	0	0	0	0	0	750
Total*:	18	732	0	0	0	0	0	0	750
O & M Costs (Savings)			1	6	8	8	8	9	40
Spending Plan by Fund									
2008 Parks Levy Fund		140	592	0	0	0	0	0	732
Total:		140	592	0	0	0	0	0	732

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

Walt Hundley PF Synthetic Turf Replacement

BCL/Program Name:	Ballfields/Athletic Courts/Play Areas	**BCL/Program Code:**	K72445
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2021
Project ID:	k732496	**End Date:**	Q4/2021
Location:	6920 34th AVE SW		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Southwest	**Urban Village:**	Not in an Urban Village

This project, funded with Metropolitan Park District Major Maintenance funds, replaces the 79,200 square foot synthetic turf field surfacing which was installed in 2011, and performs related work. The surfacing material is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for soccer, baseball, and other activities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	0	0	1,100	1,100
Total:	0	0	0	0	0	0	0	1,100	1,100
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	1,100	1,100
Total*:	0	0	0	0	0	0	0	1,100	1,100
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Washington Park Arboretum Improvements- 2008 Parks Levy

BCL/Program Name:	2008 Parks Levy- Major Parks	**BCL/Program Code:**	K720023
Project Type:	Improved Facility	**Start Date:**	Q2/2010
Project ID:	K730132	**End Date:**	Q4/2016
Location:	2300 Arboretum DR E		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	2,302	234	0	0	0	0	0	0	2,536
Private Funding/Donations	416	(48)	0	0	0	0	0	0	368
Total:	2,718	186	0	0	0	0	0	0	2,904
Fund Appropriations/Allocations									
2008 Parks Levy Fund	2,718	186	0	0	0	0	0	0	2,904
Total*:	2,718	186	0	0	0	0	0	0	2,904
O & M Costs (Savings)			76	77	77	77	77	77	461
Spending Plan by Fund									
2008 Parks Levy Fund		16	170	0	0	0	0	0	186
Total:		16	170	0	0	0	0	0	186

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

Washington Park Arboretum Trail Development

BCL/Program Name:	SR520 Mitigation	**BCL/Program Code:**	K72451
Project Type:	Improved Facility	**Start Date:**	Q2/2013
Project ID:	K732473	**End Date:**	Q4/2016
Location:	2300 Arboretum DR E		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
State Interlocal Revenues	745	7,065	0	0	0	0	0	0	7,810
Total:	745	7,065	0	0	0	0	0	0	7,810
Fund Appropriations/Allocations									
Park Mitigation and Remediation Fund	745	7,065	0	0	0	0	0	0	7,810
Total*:	745	7,065	0	0	0	0	0	0	7,810
O & M Costs (Savings)			84	86	87	88	90	92	527
Spending Plan by Fund									
Park Mitigation and Remediation Fund		3,237	3,828	0	0	0	0	0	7,065
Total:		3,237	3,828	0	0	0	0	0	7,065

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

Washington Park Playfield Play Area Development

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	K730190	**End Date:**	Q1/2017
Location:	2500 Lake Washington BLVD E		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	9	356	0	0	0	0	0	0	365
Total:	9	356	0	0	0	0	0	0	365
Fund Appropriations/Allocations									
2008 Parks Levy Fund	9	356	0	0	0	0	0	0	365
Total*:	9	356	0	0	0	0	0	0	365
O & M Costs (Savings)			5	22	23	23	23	24	120
Spending Plan by Fund									
2008 Parks Levy Fund		18	328	10	0	0	0	0	356
Total:		18	328	10	0	0	0	0	356

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

Woodland Park Zoo Seattle Sensory Garden Development

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	K730188	**End Date:**	Q4/2016
Location:	601 N 59th ST		
Neighborhood Plan:	Greenlake	**Council District:**	6
Neighborhood District:	Northwest	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	19	731	0	0	0	0	0	0	750
Total:	19	731	0	0	0	0	0	0	750
Fund Appropriations/Allocations									
2008 Parks Levy Fund	19	731	0	0	0	0	0	0	750
Total*:	19	731	0	0	0	0	0	0	750
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		121	610	0	0	0	0	0	731
Total:		121	610	0	0	0	0	0	731

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

Yesler Terrace Neighborhood Park Development

BCL/Program Name:	Opportunity Fund	**BCL/Program Code:**	K720041
Project Type:	Improved Facility	**Start Date:**	Q1/2015
Project ID:	K730203	**End Date:**	Q4/2016
Location:	835 Yesler WAY		
Neighborhood Plan:	First Hill	**Council District:**	2
Neighborhood District:	East District	**Urban Village:**	First Hill

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Voter-Approved Levy	0	2,600	0	0	0	0	0	0	2,600
Total:	0	2,600	0	0	0	0	0	0	2,600
Fund Appropriations/Allocations									
2008 Parks Levy Fund	0	2,600	0	0	0	0	0	0	2,600
Total*:	0	2,600	0	0	0	0	0	0	2,600
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2008 Parks Levy Fund		800	1,800	0	0	0	0	0	2,600
Total:		800	1,800	0	0	0	0	0	2,600

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

Zoo Major Maintenance

BCL/Program Name:	Fix It First - CIP	**BCL/Program Code:**	K720300
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	K730304	**End Date:**	ONGOING
Location:	601 N 59TH ST		
Neighborhood Plan:	Greenwood/Phinney	**Council District:**	6
Neighborhood District:	Northwest	**Urban Village:**	Not in an Urban Village

This ongoing project preserves the Zoo facilities to enable it to operate efficiently, and to offer a world-class experience to the patrons. Typical projects include exhibit renovation or replacement, water, electrical, irrigation, and sewer systems replacement, energy efficient improvements, pavement and grounds restoration, Americans with Disabilities (ADA) access improvements, and related work. The oldest buildings at the Zoo were constructed in the 1930s and others have been built in subsequent decades. The individual projects will address health and safety codes, extend the life of the asset, improve access for all, reduce energy costs, and improve the overall Zoo experience for the public. This project is part of the Metropolitan Parks District measure put before voters in 2014.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Seattle Park District Revenues	0	500	1,800	1,845	1,891	1,938	1,987	2,037	11,998
Total:	0	500	1,800	1,845	1,891	1,938	1,987	2,037	11,998
Fund Appropriations/Allocations									
Parks Capital Fund	0	500	1,800	1,845	1,891	1,938	1,987	2,037	11,998
Total*:	0	500	1,800	1,845	1,891	1,938	1,987	2,037	11,998
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Seattle Center

Overview

The place that we know today as Seattle Center has a long history as a gathering place for our city and region. It was a location where Native American tribes gathered for talk, ceremony and celebration. In the 1920s a civic campus was created with the construction of the Civic Auditorium, Civic Ice Arena, and Civic Field, with Mayor Bertha Landes presiding over the ground breaking in 1927. In the 1930s the Washington State Armory (later called Center House and recently renamed the 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 gathering place is an aging infrastructure. Some facilities have been significantly renovated (e.g., Civic Auditorium into the Opera House for the World's Fair, and into McCaw Hall in 2003), while others remain in need of major renovation/redevelopment (e.g., the Armory and Memorial Stadium).

Today, Seattle Center is a 74-acre campus in the middle of the city. It is the largest visitor destination in Washington State, attracting an estimated 12 million visits each year to arts, sporting, educational, and cultural events and festivals, and to enjoy the grounds and open spaces. There are 24 buildings and three parking garages on the campus. Seattle Center is also a major urban park with lawns, gardens, fountains, a skatepark, a children's play area, and a variety of plazas and open spaces. The Seattle Center Monorail runs between the Seattle Center campus and downtown Seattle. The City owns the Monorail and a private contractor operates it. The Space Needle, the Pacific Science Center, the EMP Museum, the Chihuly Garden and Glass Exhibition, and Seattle Public Schools' Memorial Stadium and an adjacent parking lot are also part of the campus but are privately owned and operated. The City's 2003 Asset Preservation Study valued Seattle Center's capital assets at $777 million. This valuation does not include the Monorail, Mercer Arena or the Blue Spruce Building (all were thought to be going away at the time of the study). The valuation also does not include the Fifth Avenue Parking Garage, which was completed in 2008.

Seattle Center's Capital Improvement Plan (CIP) is at the heart of the Center's purpose – "to create exceptional events, experiences and environments that delight and inspire the human spirit to build stronger communities." The Center's CIP repairs, renews and redevelops the facilities and grounds of the Center in order to provide a safe and welcoming place for millions of annual visitors. Seattle Center's CIP is funded from a variety of revenue sources including Real Estate Excise Tax (REET); the City's General Fund; voter-approved property tax levies; State, County and federal funds; proceeds from property sales; and private funds. Following the adoption of the Seattle Center Master Plan in 1990, two voter-approved levies raised $62 million for Seattle Center's redevelopment. This amount in turn, leveraged $500 million in non-City funds, including $440 million from private sources.

In 2008, following a two-year community process, the City Council adopted the Seattle Center Century 21 Master Plan. This $570 million, 20-year plan provides a roadmap for the redevelopment of Seattle Center around a set of design and planning principles including increased open space; sustainable design and operations; opening the edges of the campus to the surrounding community; enlivening the campus throughout the day; being pedestrian friendly and accessible to all; and continuing to provide a diversity of programming and attractions for all parts of our community. The plan is expected to be supported, as redevelopment has in the past, by a mix of private and public funding.

Capital projects at Seattle Center are planned and implemented to minimize the impact on events that occur throughout the year, including four major festivals between May and September.

2016-21 CIP Highlights

Seattle Center's Adopted 2016 CIP is $6.97 million. Seattle Center's CIP is supported mainly by REET I funds ($4.5 million in 2016) and by federal grants (approximately $1 million). Some additional funding comes from property sales and earnings and from private donors to the McCaw Hall Capital Reserve Fund. Seattle Center's 2016-21 CIP is focused on the preservation of existing assets. Maintaining the functionality, competitiveness, safety and revenue-generating capacity of existing facilities is at the heart of Seattle Center's CIP. In 2016, priority asset preservation investments include:

Facility Condition Assessment – In 2016, Seattle Center will continue a comprehensive condition assessment of its facilities, begun in 2015, that will identify critical issues, prioritize necessary repairs, and develop cost estimates. With buildings on the Seattle Center campus constructed in every decade starting from the 1920s, and with increasing competition for CIP funds, an industry-standard assessment of Seattle Center facilities will provide important data to preserve existing assets and guide future capital investments. The 2016 Adopted CIP Budget includes $300,000 to complete the facility condition assessment and other preliminary engineering activities. The CIP budget also includes $313,000 to fund prioritized HVAC, electrical, mechanical and other needs that the assessment identifies. Facility needs identified in the facility condition assessment will continue to be funded over the next six or more years.

Energy Management Control System – In 2016 Seattle Center continues the phased replacement and upgrade of the system which controls heating and cooling in facilities across the campus. Addressing the most outdated equipment first, this project involves upgrading hardware, software, and wiring in campus buildings, including improvements to fire-alarm systems. This is an ongoing, REET I funded project which started in 2014 and is planned to continue into 2018. Funding for 2016 is $414,000.

Armory Renovation – The renovation of the Seattle Center Armory, the primary free, indoor public gathering place on the campus, began in 2011 as a part of Seattle Center's Next 50 celebration. The Armory is integral to Seattle Center's identity and ability to generate revenue, and renovation is expected to continue, in a phased approach developed by the Armory Operating Board, for at least six years. In 2016, this will include restroom renovations and infrastructure improvements that are intended to leverage additional investment from tenant food vendors. Seattle Center will also convert a former office area into additional rentable meeting space in the Armory Loft. The Loft, renovated in 2014 and located on the 3rd floor of the Armory, is a series of rentable meeting room spaces that can be configured to meet the various needs of clients. REET I funding for renovation of the Armory and Armory Loft is $923,000 in 2016. For the costs of the now-completed Armory food court renovation, Seattle Center will pay debt service of $381,000 in 2016.

McCaw Hall – Annual REET I allocations for McCaw Hall asset preservation are matched 100% by the resident tenants of McCaw Hall, the Seattle Opera and Pacific Northwest Ballet to carry out the McCaw Hall Capital Renewal Plan, under the direction of the McCaw Hall Operating Board. The total of REET and privately donated funds for McCaw Hall is $545,000 in 2016.

KeyArena – Annual asset-preservation investments in KeyArena are overseen by the KeyArena Operating Board and are focused on client and patron needs, including sound and video systems, lighting, and concession areas. KeyArena generates an increasing share of Seattle Center's revenue and these improvements help preserve its ability to attract popular events. REET I funding for improvements and repairs to KeyArena is $350,000 in 2016.

Open Space Restoration and Repairs – Over half of the Seattle Center 74-acre campus is devoted to hard surface and landscaped open space. Millions of visitors come to the campus each year and Seattle Center is committed to maintaining it in a safe and welcoming condition. In 2016, $1.2 million of REET I funds are allocated for the Upper Northwest Rooms campus entry and adjacent courtyard, pedestrian improvements along vacated Thomas Street, adjacent to SDOT-funded improvements at the 5th/Broad/Thomas intersection, and for repair of trip hazards, lighting upgrades, and other improvements of public areas throughout the campus.

Parking Improvements – In 2016, $240,000 in REET I funding is allocated to address event-related back-ups related to the conversion of Mercer and Roy streets from 1-way to 2-way traffic. An existing exit lane at each end of the garage is converted to a reversible lane, increasing garage entry capacity for events by 50%.

Disabled Access – In 2016, Seattle Center continues a multi-year program of improvements to enhance access to facilities and grounds throughout the campus for persons with disabilities. Efforts in 2016 will focus on the Center's three primary public assembly facilities, KeyArena, McCaw Hall and the Armory. In 2015 Seattle Center completed ADA improvements in the First Avenue North Garage and surface parking lot. REET I funding for ADA improvements in 2016 is $59,000.

Summary of Upcoming Budget Issues and Challenges

The biggest challenges facing Seattle Center's CIP are aging infrastructure, lack of funding, and an increasingly competitive environment for the sports and entertainment business that provides roughly two-thirds of the revenue which supports Seattle Center. The City's 2003 Asset Preservation Study looked at best practices in the public and private sectors and set an initial annual asset preservation funding target of 1% of the replacement value for buildings and 0.5% for other assets (e.g., grounds and open space). By that calculation, Seattle Center should have been investing $6.8 million annually in asset preservation (not including the Monorail, Mercer Arena or the Blue Spruce). This $6.8 million amount in 2003 dollars inflated at 3% per year calculates to roughly $10 million in 2016 dollars.

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

Due to economic impacts of the Great Recession, from 2009-12, Seattle Center's annual CRS REET and Unrestricted CIP funding (exclusive of debt service), dropped from $2.8 million to $1.0 million per year. Economic recovery has allowed REET funding levels to increase, which is particularly critical for Seattle Center, as the one-time funding sources listed above (land sale to

Gates Foundation, KeyArena Settlement Funds and City-issued bonds), will be nearly fully spent by the end of 2015.

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

Thematic Priorities

The thematic priorities for Seattle Center's 2016-2021 CIP are as follows:

Safety and Security – The safety of Seattle Center visitors and staff is always the first priority. In 2016, Seattle Center upgrades and extends the fire alarm system in the public areas of the Armory, and repairs hard surface areas to address trip hazards.

Disabled Access – In 2016 Seattle Center continues to make progress throughout the campus in improving access for persons with disabilities

Asset Preservation – In 2016, Seattle Center prioritizes asset preservation investments in its primary public assembly facilities – McCaw Hall, KeyArena, the Armory and campus open spaces. Consistent with the City's 2003 Asset Preservation Study, Seattle Center has prioritized capital investments in existing facilities. Armory asset preservation work in 2016 includes fire alarm upgrades, restroom renovation, improvements to attract new food service tenants, and incremental renovation of staff areas at the north end of the building. Asset preservation work in McCaw Hall and KeyArena continues in 2016 and is overseen by the McCaw Hall Operating Board and the KeyArena Operating Board, respectively. Also in 2016, Seattle Center continues a phased replacement and upgrade of the system which controls heating and cooling in facilities across the campus and carries out a comprehensive condition assessment of campus facilities to guide future investments. Allocation levels for asset preservation in 2017-21 will depend on available resources.

Energy Efficiency and Sustainability – Sustainability is a key principle of the Seattle Center Century 21 Master Plan. In 2016, Seattle Center works with the City's Office of Sustainability and Environment on energy saving measures at Seattle Center to make progress on the City's goal to reduce energy use in City facilities by 20% by the year 2020.

Implementation of the Seattle Center Century 21 Master Plan – In 2016, Seattle Center will renovate the Upper Northwest Rooms entry which in conjunction with KEXP's private investment in the renovation of the Upper Northwest Rooms will transform how the northwest corner of the campus connects to the surrounding neighborhood.

Revenue Generation – Capital improvements which maintain and/or enhance a facility's ability to generate revenue are critical to the financial health of Seattle Center, where roughly two-thirds of the Seattle Center's budget comes from revenue generated by operations. Maintenance and improvement of revenue generating capacity can be as important as maintenance and improvements to building systems. In 2016, Seattle Center will invest in event–related infrastructure that supports the revenue generating capacity of facilities throughout the campus.

Leverage Non-City Funds – In 2016, the City's $265,000 allocation for the McCaw Hall Capital Reserve Fund is matched by a combined equal investment from the building's resident tenants, Seattle Opera and Pacific Northwest Ballet. The ability to use City investment to leverage non-City funds is a fundamental part of the history of the redevelopment and renewal of Seattle Center.

Project Selection Criteria

For each two-year budget cycle, a broad cross-section of Seattle Center staff members are engaged in the process of identifying the highest priority asset preservation and improvement needs on the campus. This includes staff members who maintain facilities, rent facilities to clients, provide technical support for events, manage parking and public assembly facilities, and manage capital projects. Projects are prioritized around a set of criteria, including public and staff safety, regulatory requirements, failing building systems, asset preservation, master plan implementation, reducing operating costs and/or increasing revenue potential, and leveraging non-City funds. The Center's four operating boards (Armory, Campus, KeyArena, and McCaw Hall) play a central role in identifying and prioritizing capital needs in the facilities they oversee, and the Seattle Center Executive Team takes all of this information and prioritizes projects across the entire Seattle Center campus. Once complete, the Facility Condition Assessment that is now underway will provide additional insight into potential major maintenance priorities.

Future Projects/What is on the Horizon

The Seattle Center Century 21 Master Plan provides guidance for the redevelopment and maintenance of Seattle Center assets and facilities through 2028. In the immediate future, Seattle Center is focused on redevelopment of the eight-block area at the northeast quadrant of the campus, including the Memorial Stadium site, Mercer Arena (the planned Opera administration and technical support site), the KCTS property, Mercer Garage, and the former Kreielsheimer site now owned by the Opera and City. As a part of this redevelopment planning, Seattle Center is also undertaking a 20-year strategic parking study.

City Council Changes to Proposed CIP

There are no Council changes to the Proposed CIP.

City Council Provisos to the CIP

There are no Council provisos.

Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Armory Rehabilitation						**BCL/Program Code:**			**S9113**
Armory Food Court Renovation - Debt Service (S1002)	1,211	380	381	382	383	381	380	383	3,881
Armory Rehabilitation (S9113)	14,135	317	452	764	787	807	824	849	18,935
Armory Rehabilitation	15,346	697	833	1,146	1,170	1,188	1,204	1,232	22,816
Campuswide Improvements and Repairs						**BCL/Program Code:**			**S03P01**
ADA Improvements (S9302)	2,326	2,499	59	0	0	0	0	0	4,884
Artwork Maintenance (S9303)	413	142	30	30	30	30	30	30	735
Fun Forest Site Restoration (S0901)	989	925	0	0	0	0	0	0	1,914
General Site Improvements (S0305)	2,697	136	0	116	119	122	125	129	3,444
Northwest Rooms Redevelopment (S1401)	0	250	0	0	0	0	0	0	250
Open Space Restoration and Repair (S9704)	7,496	1,157	1,210	500	515	528	539	556	12,501
Preliminary Engineering and Planning (S9706)	1,267	390	300	100	100	100	125	125	2,507
Seattle Center Long Range Investment Plan (S0703)	1,489	385	290	0	0	0	0	0	2,164
Site Signage (S9118)	3,132	0	50	100	100	100	100	100	3,682
Campuswide Improvements and Repairs	19,809	5,884	1,939	846	864	880	919	940	32,081
Facility Infrastructure Renovation and Repair						**BCL/Program Code:**			**S03P02**
Roof/Structural Replacement and Repair (S9701)	8,638	0	100	250	258	264	270	278	10,058
Facility Infrastructure Renovation and Repair	8,638	0	100	250	258	264	270	278	10,058
Fisher Pavilion						**BCL/Program Code:**			**S9705**
Fisher Pavilion Asset Preservation (S0701)	64	41	0	35	35	35	35	35	280
Fisher Pavilion	64	41	0	35	35	35	35	35	280
KeyArena						**BCL/Program Code:**			**S03P04**
KeyArena Improvements & Repairs (S9901)	3,320	876	350	599	617	632	646	666	7,706
KeyArena	3,320	876	350	599	617	632	646	666	7,706

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Lot 2 Development Project						**BCL/Program Code:**			**S0501**
Lot 2 Development (S0501)	5,989	423	0	0	0	0	0	0	6,412
Lot 2 Development Project	5,989	423	0	0	0	0	0	0	6,412
McCaw Hall Capital Reserve Fund						**BCL/Program Code:**			**S0303**
McCaw Hall Asset Preservation (S0303)	2,071	1,081	545	2,127	2,831	595	613	631	10,494
McCaw Hall Capital Reserve Fund	2,071	1,081	545	2,127	2,831	595	613	631	10,494
Monorail Improvements						**BCL/Program Code:**			**S9403**
Monorail Improvements (S9403)	13,662	3,187	923	870	1,125	1,125	1,125	1,125	23,142
Monorail Improvements Debt Service (S0702)	3,939	552	551	549	0	0	0	0	5,591
Monorail Improvements	17,601	3,739	1,474	1,419	1,125	1,125	1,125	1,125	28,733
Parking Repairs and Improvements						**BCL/Program Code:**			**S0301**
Parking Repairs and Improvements (S0301)	1,330	916	240	250	258	264	270	278	3,806
Parking Repairs and Improvements	1,330	916	240	250	258	264	270	278	3,806
Public Gathering Space Improvements						**BCL/Program Code:**			**S9902**
Public Gathering Space Improvements (S9902)	4,502	592	761	450	450	450	450	450	8,105
Public Gathering Space Improvements	4,502	592	761	450	450	450	450	450	8,105
Theatre Improvements and Repairs						**BCL/Program Code:**			**S9604**
Theatre Improvements and Repairs (S9604)	3,708	134	0	250	258	264	270	278	5,162
Theatre Improvements and Repairs	3,708	134	0	250	258	264	270	278	5,162
Utility Infrastructure						**BCL/Program Code:**			**S03P03**
Municipal Energy Efficiency Program (S1003)	359	276	0	0	0	0	0	0	635
Utility Infrastructure Master Plan & Repairs (S0101)	4,906	573	727	453	467	478	489	503	8,596
Utility Infrastructure	5,265	849	727	453	467	478	489	503	9,231

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Waste/Recycle Center, Warehouse and Shops Improvements						**BCL/Program Code:**			**S9801**
Waste/Recycle Center, Warehouse and Shops Improvements (S9801)	295	0	0	55	57	58	59	61	585
Waste/Recycle Center, Warehouse and Shops Improvements	295	0	0	55	57	58	59	61	585
Department Total*:	87,938	15,232	6,969	7,880	8,390	6,233	6,350	6,477	145,469

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

Fund Summary

Fund Name & Code	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
2002B LTGO Capital Project Fund (34700)	5,388	0	0	0	0	0	0	0	5,388
2003 LTGO Capital Project Fund (34800)	7,043	0	0	0	0	0	0	0	7,043
2007 Multipurpose LTGO Bond Fund (35100)	5,266	0	0	0	0	0	0	0	5,266
2011 Multipurpose LTGO Bond Fund (35500)	359	276	0	0	0	0	0	0	635
Center House Merchants' Association Resources (NA-Cen2)	3,000	0	0	0	0	0	0	0	3,000
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	21,934	8,131	4,540	4,204	4,304	4,383	4,482	4,591	56,569
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	175	0	0	0	0	0	0	0	175
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	24,294	4,893	1,594	1,549	1,255	1,255	1,255	1,255	37,350
KeyArena Settlement Proceeds Fund (00138)	2,953	307	0	0	0	0	0	0	3,260
McCaw Hall Capital Reserve (34070)	1,771	1,081	545	561	577	595	613	631	6,374
Seattle Center Capital Reserve Subfund (34060)	12,687	544	290	0	0	0	0	0	13,521
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed) (33000)	3,068	0	0	0	0	0	0	0	3,068
To Be Determined (TBD)	0	0	0	1,566	2,254	0	0	0	3,820
Department Total*:	87,938	15,232	6,969	7,880	8,390	6,233	6,350	6,477	145,469

**Amounts in thousands of dollars*

ADA Improvements

BCL/Program Name:	Campuswide Improvements and Repairs	**BCL/Program Code:**	S03P01
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S9302	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	175	0	0	0	0	0	0	0	175
Real Estate Excise Tax I	1,910	2,499	59	0	0	0	0	0	4,468
Property Sales and Interest Earnings	241	0	0	0	0	0	0	0	241
Total:	2,326	2,499	59	0	0	0	0	0	4,884
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	175	0	0	0	0	0	0	0	175
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,910	2,499	59	0	0	0	0	0	4,468
Cumulative Reserve Subfund - Unrestricted Subaccount	241	0	0	0	0	0	0	0	241
Total*:	2,326	2,499	59	0	0	0	0	0	4,884
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		180	1,189	1,189	0	0	0	0	2,558
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
Total:		180	1,189	1,189	0	0	0	0	2,558

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Armory Food Court Renovation - Debt Service

BCL/Program Name:	Armory Rehabilitation	**BCL/Program Code:**	S9113
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2011
Project ID:	S1002	**End Date:**	Q4/2021
Location:	305 Harrison St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Uptown

This project provides for payment of debt service on 10-year LTGO bonds issued in 2011 to fund renovation of the Seattle Center Armory atrium, formerly known as the Center House Food Court. LTGO bonds are one fund source for the work described in the Department's Center House Food Court Renovation project (S1001).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	1,211	380	381	382	383	381	380	383	3,881
Total:	1,211	380	381	382	383	381	380	383	3,881
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,211	380	381	382	383	381	380	383	3,881
Total*:	1,211	380	381	382	383	381	380	383	3,881

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

Armory Rehabilitation

BCL/Program Name:	Armory Rehabilitation	**BCL/Program Code:**	S9113
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S9113	**End Date:**	ONGOING
Location:	305 Harrison St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	3,808	317	452	764	787	807	824	849	8,608
Property Sales and Interest Earnings-2	3,632	0	0	0	0	0	0	0	3,632
Seattle Voter-Approved Levy	2,462	0	0	0	0	0	0	0	2,462
General Obligation Bonds	1,233	0	0	0	0	0	0	0	1,233
Private Funding/Donations	3,000	0	0	0	0	0	0	0	3,000
Total:	14,135	317	452	764	787	807	824	849	18,935
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3,808	317	452	764	787	807	824	849	8,608
Cumulative Reserve Subfund - Unrestricted Subaccount	3,632	0	0	0	0	0	0	0	3,632
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed)	2,462	0	0	0	0	0	0	0	2,462
2002B LTGO Capital Project Fund	1,233	0	0	0	0	0	0	0	1,233
Total*:	11,135	317	452	764	787	807	824	849	15,935
O & M Costs (Savings)			0	0	0	0	0	0	0

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Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	150	619	764	787	807	824	849	4,800
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed)	0	0	0	0	0	0	0	0
2002B LTGO Capital Project Fund	0	0	0	0	0	0	0	0
Center House Merchants' Association Resources	0	0	0	0	0	0	0	0
Total:	150	619	764	787	807	824	849	4,800

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Artwork Maintenance

BCL/Program Name:	Campuswide Improvements and Repairs	**BCL/Program Code:**	S03P01
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S9303	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	31	0	0	0	0	0	0	0	31
Private Funding/Donations	5	0	0	0	0	0	0	0	5
Property Sales and Interest Earnings	377	142	30	30	30	30	30	30	699
Total:	413	142	30	30	30	30	30	30	735
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	31	0	0	0	0	0	0	0	31
Cumulative Reserve Subfund - Unrestricted Subaccount	382	142	30	30	30	30	30	30	704
Total*:	413	142	30	30	30	30	30	30	735
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount		30	86	86	30	30	30	30	322
Total:		30	86	86	30	30	30	30	322

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Fisher Pavilion Asset Preservation

BCL/Program Name:	Fisher Pavilion	**BCL/Program Code:**	S9705
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	S0701	**End Date:**	ONGOING
Location:	200 Thomas St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Uptown

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	64	41	0	35	35	35	35	35	280
Total:	64	41	0	35	35	35	35	35	280
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	64	41	0	35	35	35	35	35	280
Total*:	64	41	0	35	35	35	35	35	280
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		1	40	35	35	35	35	35	216
Total:		1	40	35	35	35	35	35	216

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Fun Forest Site Restoration

BCL/Program Name:	Campuswide Improvements and Repairs	**BCL/Program Code:**	S03P01
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2009
Project ID:	S0901	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Uptown

This project provides funding for design and construction of improvements to the former Fun Forest site. Work may include, but is not limited to, hard surface repairs, demolition of existing structures, creation of new green space, installation of recreation facilities, and renovation and repurposing of existing structures. Center Art, LLC is contributing $1 million in private funds for design and construction of an artist-designed children's play area on the former north Fun Forest site, with opening planned for Spring 2015. Center Art is also contributing $50,000 per year for maintenance of the play area.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Key Arena Settlement Subfund Revenue	820	0	0	0	0	0	0	0	820
Real Estate Excise Tax I	0	94	0	0	0	0	0	0	94
Private Funding/Donations	169	831	0	0	0	0	0	0	1,000
Total:	989	925	0	0	0	0	0	0	1,914
Fund Appropriations/Allocations									
KeyArena Settlement Proceeds Fund	820	0	0	0	0	0	0	0	820
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	94	0	0	0	0	0	0	94
Cumulative Reserve Subfund - Unrestricted Subaccount	169	831	0	0	0	0	0	0	1,000
Total*:	989	925	0	0	0	0	0	0	1,914
O & M Costs (Savings)			50	50	50	50	50	50	300
Spending Plan by Fund									
KeyArena Settlement Proceeds Fund		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		94	0	0	0	0	0	0	94
Cumulative Reserve Subfund - Unrestricted Subaccount		784	0	0	0	0	0	0	784
Total:		878	0	0	0	0	0	0	878

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General Site Improvements

BCL/Program Name:	Campuswide Improvements and Repairs	**BCL/Program Code:**	S03P01
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S0305	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**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, and renovation of fountains, site amenities and open spaces.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	975	136	0	116	119	122	125	129	1,722
Federal Grant Funds	615	0	0	0	0	0	0	0	615
General Subfund Revenues	178	0	0	0	0	0	0	0	178
Property Sales and Interest Earnings-2	820	0	0	0	0	0	0	0	820
General Obligation Bonds	109	0	0	0	0	0	0	0	109
Total:	2,697	136	0	116	119	122	125	129	3,444
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	975	136	0	116	119	122	125	129	1,722
Cumulative Reserve Subfund - Unrestricted Subaccount	793	0	0	0	0	0	0	0	793
Seattle Center Capital Reserve Subfund	820	0	0	0	0	0	0	0	820
2002B LTGO Capital Project Fund	109	0	0	0	0	0	0	0	109
Total*:	2,697	136	0	116	119	122	125	129	3,444
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		55	81	116	119	122	125	129	747
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund		0	0	0	0	0	0	0	0
2002B LTGO Capital Project Fund		0	0	0	0	0	0	0	0
Total:		55	81	116	119	122	125	129	747

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KeyArena Improvements & Repairs

BCL/Program Name:	KeyArena	**BCL/Program Code:**	S03P04
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S9901	**End Date:**	ONGOING
Location:	334 1st Ave N		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Uptown

This ongoing project provides for major maintenance and improvements to KeyArena. Improvements may include, but are not limited to, lighting upgrades, renovation or replacement of the basketball floor and other event systems, concessions area improvements, creation of special seating sections and partial house configurations, technology upgrades, seating improvements, and funding of concept plans for future facility upgrades. These improvements both maintain basic building operations and facility integrity and enhance KeyArena's position in the highly competitive sports and entertainment marketplace.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Key Arena Settlement Subfund Revenue	2,133	37	0	0	0	0	0	0	2,170
Real Estate Excise Tax I	1,187	839	350	599	617	632	646	666	5,536
Total:	3,320	876	350	599	617	632	646	666	7,706
Fund Appropriations/Allocations									
KeyArena Settlement Proceeds Fund	2,133	37	0	0	0	0	0	0	2,170
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,187	839	350	599	617	632	646	666	5,536
Total*:	3,320	876	350	599	617	632	646	666	7,706
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
KeyArena Settlement Proceeds Fund		37	0	0	0	0	0	0	37
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		411	778	599	617	632	646	666	4,349
Total:		448	778	599	617	632	646	666	4,386

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Lot 2 Development

BCL/Program Name:	Lot 2 Development Project	**BCL/Program Code:**	S0501
Project Type:	New Facility	**Start Date:**	Q4/2004
Project ID:	S0501	**End Date:**	Q4/2016
Location:	5th Ave N/Republican St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**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, but sale-related activities will continue for a number of years. Activities include, but are not limited to, relocation of facilities, groundwater remediation, construction oversight, and development of a replacement skateboard park.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	800	0	0	0	0	0	0	0	800
Private Funding/Donations	53	49	0	0	0	0	0	0	102
Property Sales and Interest Earnings-2	5,136	374	0	0	0	0	0	0	5,510
Total:	5,989	423	0	0	0	0	0	0	6,412
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	800	0	0	0	0	0	0	0	800
Seattle Center Capital Reserve Subfund	5,189	423	0	0	0	0	0	0	5,612
Total*:	5,989	423	0	0	0	0	0	0	6,412
O & M Costs (Savings)			20	20	20	20	20	20	120
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund		60	363	0	0	0	0	0	423
Total:		60	363	0	0	0	0	0	423

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McCaw Hall Asset Preservation

BCL/Program Name:	McCaw Hall Capital Reserve Fund	**BCL/Program Code:**	S0303
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	S0303	**End Date:**	ONGOING
Location:	321 Mercer St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Uptown

This project provides for the development, updating, and implementation of an Capital Renewal/Asset Preservation Plan for McCaw Hall, a facility completed in 2003. The plan provides a long-term road map for future major maintenance investments in the facility. Funding comes from the City and from the two resident tenants of McCaw Hall, Seattle Opera and Pacific Northwest Ballet.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	300	0	0	0	0	0	0	0	300
Energy Rebates	3	0	0	0	0	0	0	0	3
Real Estate Excise Tax I	827	533	265	273	281	290	299	308	3,076
Private Funding/Donations	909	533	265	273	281	290	299	308	3,158
Property Sales and Interest Earnings-2	32	15	15	15	15	15	15	15	137
To be determined	0	0	0	1,566	2,254	0	0	0	3,820
Total:	2,071	1,081	545	2,127	2,831	595	613	631	10,494
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	300	0	0	0	0	0	0	0	300
McCaw Hall Capital Reserve	1,771	1,081	545	561	577	595	613	631	6,374
Total*:	2,071	1,081	545	561	577	595	613	631	6,674
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
McCaw Hall Capital Reserve		422	1,204	561	577	366	376	1,097	4,603
To Be Determined		0	0	1,566	2,254	0	0	0	3,820
Total:		422	1,204	2,127	2,831	366	376	1,097	8,423

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Monorail Improvements

BCL/Program Name:	Monorail Improvements	**BCL/Program Code:**	S9403
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S9403	**End Date:**	ONGOING
Location:	Seattle Center Monorail System		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**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, door replacement, renovation of pneumatic and electrical systems and other train components, guideway renovation, and station upgrades.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Federal Grant Funds	6,009	2,549	738	696	900	900	900	900	13,592
Private Funding/Donations	0	0	0	0	0	0	0	0	0
Property Sales and Interest Earnings-2	0	0	0	0	0	0	0	0	0
Federal ARRA Funds: FTA Transit Capital Assistance	1,000	0	0	0	0	0	0	0	1,000
Miscellaneous Revenues	1,465	638	185	174	225	225	225	225	3,362
General Obligation Bonds	475	0	0	0	0	0	0	0	475
General Obligation Bonds	4,713	0	0	0	0	0	0	0	4,713
Total:	13,662	3,187	923	870	1,125	1,125	1,125	1,125	23,142
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	8,474	3,187	923	870	1,125	1,125	1,125	1,125	17,954
2003 LTGO Capital Project Fund	475	0	0	0	0	0	0	0	475
2007 Multipurpose LTGO Bond Fund	4,713	0	0	0	0	0	0	0	4,713
Total*:	13,662	3,187	923	870	1,125	1,125	1,125	1,125	23,142
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Unrestricted Subaccount		625	2,398	1,203	1,422	958	1,437	1,437	9,480
2003 LTGO Capital Project Fund		0	0	0	0	0	0	0	0
2007 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
Total:		625	2,398	1,203	1,422	958	1,437	1,437	9,480

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Monorail Improvements Debt Service

BCL/Program Name:	Monorail Improvements	**BCL/Program Code:**	S9403
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	S0702	**End Date:**	Q4/2017
Location:	Seattle Center Monorail System		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Uptown

This project provides for the payment of debt service on 10-year LTGO bonds issued in 2007 to fund rehabilitation work on the Seattle Center monorail. LTGO bonds are one fund source for the work described in the Department's Monorail Improvements project (S9403).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Federal Grant Funds	1,570	300	300	300	0	0	0	0	2,470
Property Sales and Interest Earnings-2	1,816	252	251	249	0	0	0	0	2,568
General Obligation Bonds	553	0	0	0	0	0	0	0	553
Total:	3,939	552	551	549	0	0	0	0	5,591
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	3,386	552	551	549	0	0	0	0	5,038
2007 Multipurpose LTGO Bond Fund	553	0	0	0	0	0	0	0	553
Total*:	3,939	552	551	549	0	0	0	0	5,591
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Unrestricted Subaccount		550	551	551	0	0	0	0	1,652
2007 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
Total:		550	551	551	0	0	0	0	1,652

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Municipal Energy Efficiency Program

BCL/Program Name:	Utility Infrastructure	**BCL/Program Code:**	S03P03
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2011
Project ID:	S1003	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Obligation Bonds	359	276	0	0	0	0	0	0	635
Total:	359	276	0	0	0	0	0	0	635
Fund Appropriations/Allocations									
2011 Multipurpose LTGO Bond Fund	359	276	0	0	0	0	0	0	635
Total*:	359	276	0	0	0	0	0	0	635
O & M Costs (Savings)			(35)	(35)	(35)	(35)	(35)	(35)	(210)
Spending Plan by Fund									
2011 Multipurpose LTGO Bond Fund		30	246	0	0	0	0	0	276
Total:		30	246	0	0	0	0	0	276

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

Northwest Rooms Redevelopment

BCL/Program Name:	Campuswide Improvements and Repairs	**BCL/Program Code:**	S03P01
Project Type:	Improved Facility	**Start Date:**	Q1/2013
Project ID:	S1401	**End Date:**	Q1/2016
Location:	354 1st AVE N		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Uptown

This project relates to the privately funded redevelopment of the upper Northwest Rooms at Seattle Center to be the new home of public radio station KEXP. City funding provides for emergency power and fiber connections to ensure that KEXP is able to fulfill its emergency broadcast role in the event of an emergency.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	250	0	0	0	0	0	0	250
Total:	0	250	0	0	0	0	0	0	250
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	250	0	0	0	0	0	0	250
Total*:	0	250	0	0	0	0	0	0	250

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Open Space Restoration and Repair

BCL/Program Name:	Campuswide Improvements and Repairs	**BCL/Program Code:**	S03P01
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S9704	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	3,104	1,157	1,210	500	515	528	539	556	8,109
Private Funding/Donations	25	0	0	0	0	0	0	0	25
Property Sales and Interest Earnings-2	1,977	0	0	0	0	0	0	0	1,977
Property Sales and Interest Earnings-2	1,215	0	0	0	0	0	0	0	1,215
General Obligation Bonds	1,175	0	0	0	0	0	0	0	1,175
Total:	7,496	1,157	1,210	500	515	528	539	556	12,501
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3,104	1,157	1,210	500	515	528	539	556	8,109
Cumulative Reserve Subfund - Unrestricted Subaccount	2,002	0	0	0	0	0	0	0	2,002
Seattle Center Capital Reserve Subfund	1,215	0	0	0	0	0	0	0	1,215
2002B LTGO Capital Project Fund	1,175	0	0	0	0	0	0	0	1,175
Total*:	7,496	1,157	1,210	500	515	528	539	556	12,501
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		908	1,309	650	515	528	539	556	5,005
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund		0	0	0	0	0	0	0	0
2002B LTGO Capital Project Fund		0	0	0	0	0	0	0	0
Total:		908	1,309	650	515	528	539	556	5,005

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Parking Repairs and Improvements

BCL/Program Name:	Parking Repairs and Improvements	**BCL/Program Code:**	S0301
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S0301	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**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 and access and revenue control systems.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	376	910	240	250	258	264	270	278	2,846
Property Sales and Interest Earnings-2	160	0	0	0	0	0	0	0	160
Property Sales and Interest Earnings-2	794	6	0	0	0	0	0	0	800
Total:	1,330	916	240	250	258	264	270	278	3,806
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	376	910	240	250	258	264	270	278	2,846
Cumulative Reserve Subfund - Unrestricted Subaccount	160	0	0	0	0	0	0	0	160
Seattle Center Capital Reserve Subfund	794	6	0	0	0	0	0	0	800
Total*:	1,330	916	240	250	258	264	270	278	3,806
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		807	343	250	258	264	270	278	2,470
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund		6	0	0	0	0	0	0	6
Total:		813	343	250	258	264	270	278	2,476

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Preliminary Engineering and Planning

BCL/Program Name:	Campuswide Improvements and Repairs	**BCL/Program Code:**	S03P01
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S9706	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	710	390	300	100	100	100	125	125	1,950
Property Sales and Interest Earnings-2	557	0	0	0	0	0	0	0	557
Total:	1,267	390	300	100	100	100	125	125	2,507
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	710	390	300	100	100	100	125	125	1,950
Cumulative Reserve Subfund - Unrestricted Subaccount	557	0	0	0	0	0	0	0	557
Total*:	1,267	390	300	100	100	100	125	125	2,507
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		274	276	190	125	125	125	125	1,240
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
Total:		274	276	190	125	125	125	125	1,240

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Public Gathering Space Improvements

BCL/Program Name:	Public Gathering Space Improvements	**BCL/Program Code:**	S9902
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S9902	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Uptown

This ongoing project provides for major maintenance and improvements to meeting rooms, exhibition spaces, and other indoor and outdoor public gathering spaces at Seattle Center.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	1,776	477	671	350	350	350	350	350	4,674
Private Funding/Donations	60	0	0	0	0	0	0	0	60
Property Sales and Interest Earnings-2	1,246	115	90	100	100	100	100	100	1,951
Property Sales and Interest Earnings-2	1,280	0	0	0	0	0	0	0	1,280
General Obligation Bonds	140	0	0	0	0	0	0	0	140
Total:	4,502	592	761	450	450	450	450	450	8,105
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,776	477	671	350	350	350	350	350	4,674
Cumulative Reserve Subfund - Unrestricted Subaccount	1,306	115	90	100	100	100	100	100	2,011
Seattle Center Capital Reserve Subfund	1,280	0	0	0	0	0	0	0	1,280
2002B LTGO Capital Project Fund	140	0	0	0	0	0	0	0	140
Total*:	4,502	592	761	450	450	450	450	450	8,105
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		360	650	488	350	350	350	350	2,898
Cumulative Reserve Subfund - Unrestricted Subaccount		85	110	110	100	100	100	100	705
Seattle Center Capital Reserve Subfund		0	0	0	0	0	0	0	0
2002B LTGO Capital Project Fund		0	0	0	0	0	0	0	0
Total:		445	760	598	450	450	450	450	3,603

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Roof/Structural Replacement and Repair

BCL/Program Name:	Facility Infrastructure Renovation and Repair	**BCL/Program Code:**	S03P02
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S9701	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Uptown

This project provides for roof 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, flytower repairs, seismic studies, and seismic retrofits.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	704	0	100	250	258	264	270	278	2,124
Property Sales and Interest Earnings-2	1,154	0	0	0	0	0	0	0	1,154
General Obligation Bonds	450	0	0	0	0	0	0	0	450
General Obligation Bonds	6,330	0	0	0	0	0	0	0	6,330
Total:	8,638	0	100	250	258	264	270	278	10,058
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	704	0	100	250	258	264	270	278	2,124
Cumulative Reserve Subfund - Unrestricted Subaccount	1,154	0	0	0	0	0	0	0	1,154
2002B LTGO Capital Project Fund	450	0	0	0	0	0	0	0	450
2003 LTGO Capital Project Fund	6,330	0	0	0	0	0	0	0	6,330
Total*:	8,638	0	100	250	258	264	270	278	10,058
O & M Costs (Savings)			0	0	0	0	0	0	0

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Seattle Center Long Range Investment Plan

BCL/Program Name:	Campuswide Improvements and Repairs	**BCL/Program Code:**	S03P01
Project Type:	Improved Facility	**Start Date:**	Q4/2006
Project ID:	S0703	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Not in an Urban Village

This project provides for the development and implementation of the Seattle Center Century 21 Master Plan. Work includes, but is not limited to, working with stakeholder groups and consultant teams to identify development alternatives, holding public meetings, developing concept plans, carrying out environmental review and other studies, developing public and private partnerships, recommending packages of improvements to elected officials, and updating the Master Plan as needed.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Key Arena Settlement Subfund Revenue	0	270	0	0	0	0	0	0	270
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
Property Sales and Interest Earnings-2	1,489	115	290	0	0	0	0	0	1,894
Total:	1,489	385	290	0	0	0	0	0	2,164
Fund Appropriations/Allocations									
KeyArena Settlement Proceeds Fund	0	270	0	0	0	0	0	0	270
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund	1,489	115	290	0	0	0	0	0	1,894
Total*:	1,489	385	290	0	0	0	0	0	2,164
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
KeyArena Settlement Proceeds Fund		180	90	0	0	0	0	0	270
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund		90	170	145	0	0	0	0	405
Total:		270	260	145	0	0	0	0	675

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Site Signage

BCL/Program Name:	Campuswide Improvements and Repairs	**BCL/Program Code:**	S03P01
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S9118	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Uptown

This ongoing project funds replacement and renovation of wayfinding, event, and informational signage throughout the Seattle Center campus. Improvements may include, but are not limited to, replacement of exterior readerboards, event and directional signage, and development of a digital media network of electronic signage throughout the campus.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	141	0	50	100	100	100	100	100	691
Property Sales and Interest Earnings-2	485	0	0	0	0	0	0	0	485
Seattle Voter-Approved Levy	606	0	0	0	0	0	0	0	606
Property Sales and Interest Earnings-2	1,900	0	0	0	0	0	0	0	1,900
Total:	3,132	0	50	100	100	100	100	100	3,682
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	141	0	50	100	100	100	100	100	691
Cumulative Reserve Subfund - Unrestricted Subaccount	485	0	0	0	0	0	0	0	485
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed)	606	0	0	0	0	0	0	0	606
Seattle Center Capital Reserve Subfund	1,900	0	0	0	0	0	0	0	1,900
Total*:	3,132	0	50	100	100	100	100	100	3,682
O & M Costs (Savings)			0	0	0	0	0	0	0

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Theatre Improvements and Repairs

BCL/Program Name:	Theatre Improvements and Repairs	**BCL/Program Code:**	S9604
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S9604	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**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 and lobby improvements.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	1,025	68	0	250	258	264	270	278	2,413
Property Sales and Interest Earnings-2	1,553	66	0	0	0	0	0	0	1,619
General Obligation Bonds	1,130	0	0	0	0	0	0	0	1,130
Total:	3,708	134	0	250	258	264	270	278	5,162
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,025	68	0	250	258	264	270	278	2,413
Cumulative Reserve Subfund - Unrestricted Subaccount	1,553	66	0	0	0	0	0	0	1,619
2002B LTGO Capital Project Fund	1,130	0	0	0	0	0	0	0	1,130
Total*:	3,708	134	0	250	258	264	270	278	5,162
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		30	38	250	258	264	270	278	1,388
Cumulative Reserve Subfund - Unrestricted Subaccount		5	61	0	0	0	0	0	66
2002B LTGO Capital Project Fund		0	0	0	0	0	0	0	0
Total:		35	99	250	258	264	270	278	1,454

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Utility Infrastructure Master Plan & Repairs

BCL/Program Name:	Utility Infrastructure	**BCL/Program Code:**	S03P03
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S0101	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Uptown

This ongoing project funds the repair and renovation of utility infrastructure at Seattle Center. Utility infrastructure includes chilled water and steam lines, electrical equipment, communication lines, fire alarms, and other systems. Typical improvements may include, but are not limited to, repair and replacement of underground piping for steam, chilled water and condensate lines; efficiency upgrades to the Center's chilled water loop; HVAC system renovation; replacement of water and fire mains; connectivity improvements; and electrical infrastructure upgrades.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	3,517	573	727	453	467	478	489	503	7,207
General Obligation Bonds	1,151	0	0	0	0	0	0	0	1,151
General Obligation Bonds	238	0	0	0	0	0	0	0	238
Total:	4,906	573	727	453	467	478	489	503	8,596
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3,517	573	727	453	467	478	489	503	7,207
2002B LTGO Capital Project Fund	1,151	0	0	0	0	0	0	0	1,151
2003 LTGO Capital Project Fund	238	0	0	0	0	0	0	0	238
Total*:	4,906	573	727	453	467	478	489	503	8,596
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		420	704	629	467	478	489	503	3,690
2002B LTGO Capital Project Fund		0	0	0	0	0	0	0	0
2003 LTGO Capital Project Fund		0	0	0	0	0	0	0	0
Total:		420	704	629	467	478	489	503	3,690

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Waste/Recycle Center, Warehouse and Shops Improvements

BCL/Program Name:	Waste/Recycle Center, Warehouse and Shops Improvements	**BCL/Program Code:**	S9801
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	S9801	**End Date:**	ONGOING
Location:	Seattle Center Campus		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Uptown

This ongoing project provides for renovation, repairs, and improvements to Seattle Center's shops and warehouse areas, waste disposal and recycling infrastructure, and staff working areas. Typical improvements include, but are not limited to, electrical upgrades, fire alarm upgrades, window replacement, and safety improvements.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	295	0	0	55	57	58	59	61	585
Total:	295	0	0	55	57	58	59	61	585
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	295	0	0	55	57	58	59	61	585
Total*:	295	0	0	55	57	58	59	61	585
O & M Costs (Savings)			0	0	0	0	0	0	0

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Seattle Public Library

Overview

The Seattle Public Library's facilities include 26 branch libraries and the Central Library, as well as a storage facility and leased shops space. In 2008, the Library completed the final building projects of a system wide capital program, known as "Libraries for All" (LFA). As a result of that $290.7 million program, which was funded by a combination of public and private sources, Seattle had a new Central Library and four new branch libraries at Delridge, International District/Chinatown, Northgate and South Park. In addition, each of the 22 branch libraries that were in the system as of 1998 was renovated, expanded or replaced. The LFA program increased the amount of physical space that the Library maintains by 80 percent to a total of over 600,000 square feet.

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

1. Ten buildings that are designated as historic landmarks, including 7 Carnegie-era libraries (built in the early 1900s) and three landmark modern buildings.

2. Eleven branch libraries are either LFA new construction (eight buildings) or non-landmarked buildings developed between the 1950s and the 1970s (three buildings).

3. Five small library branches are essentially storefronts, four of which are part of larger buildings.

4. The Central Library is a 12-story 363,000 square foot building that serves as headquarters and hub of the library system. It houses the materials distribution system, Library administration, a 425-seat auditorium and public meeting rooms, large public areas for reading and access to 330 public computers, a data center housing system-wide servers, and the Central Library collection of books and materials.

The Library Major Maintenance BCL is the primary capital project, providing ongoing funding for work that preserves or improves building integrity, efficiency and functionality.

CIP Revenue Sources

Historically, Real Estate Excise Tax (REET) was the primary source of funding for the Library's Capital Improvement Program (CIP), with an additional smaller allocation from the General Fund. Upon passage of the Library Levy, much of the routine major maintenance funding was shifted from REET/General Fund to the levy, as reflected in the Library's 2016-2021 CIP. The Real Estate Excise Tax continues to provide additional funding for targeted efforts, such as the Library's Reimagining Spaces initiative which aims to enhance Library physical spaces to better address patron and community needs or major maintenance requirements that were not anticipated during the planning of the levy.

As background, the reduction of $820,000 from the 2012 level of City REET/General Fund support for the Library's capital program (or $1.5 million compared to the amount that was submitted for 2013 in the 2012-2017 budget) is part of the overall reduction of $5 million in City funding for the Library, for which levy funding provides a replacement. The total reduction in City funding matches the reduction presented in the levy plan, but the City Budget Office determined that it was preferable for the City to reduce the anticipated operating budget cut to the Library, substituting a capital budget cut. As noted below under "Future Projects/What is on the Horizon," it will be important for the City to plan ahead to identify funding for the Library's CIP and operating budget prior to the 2019 expiration of the Library Levy.

CIP Highlights

In 2012, the Library worked with the Mayor and City Council to develop a Library Levy proposal that voters approved in August of 2012. One of the core areas funded is major maintenance. The Library Levy provides funding of approximately $2.24 million in 2016 and roughly $3.67 million in 2017. The 2016-2021 CIP provides a base level of support for asset management in this critical period when all buildings will have surpassed the ten year mark from their LFA construction/renovation.

Several larger, multi-year projects are on the horizon at both the Central Library and the branches. Branch projects scheduled for 2016 at Beacon Hill, Greenwood, Highpoint, Delridge, and Lake City include flooring/carpeting replacement; mechanical, life safety and fire systems assessment/repair; and updates to finishes and casework. Restrooms are planned to be refurbished at Beacon Hill, Greenwood, Highpoint and Lake City, along with smaller landscape, hardscape and signage projects at various sites. Multi-year projects at branches that may carry over into 2016 include seismic/structural and sewer work identified during the 2015 assessment of the Library's Carnegie-era branches, as well as potential tenant improvements at a yet-to-be-sited offsite storage and maintenance facility.

The large and complex Central Library requires a significant portion of CIP funds, which are often distributed over multi-year projects. The Library recently completed a Services and Operations Study that will help guide infrastructure investments needed at Central. Larger, more complex projects such as the 5th Avenue entry, curtain wall assessment/maintenance, Level 3 lighting, building systems re-commissioning, and Children's Area flooring have either entered the planning phase or will be started (and some substantially finished) by year-end; these projects could total upwards of $2.2 million. Level 3 flooring upgrades are planned to begin in 2016 to allow high-access to ceiling-level lighting, high-access window cleaning, and for inspecting the fire suppression system. The Library will continue to implement the next phase of mechanical, engineering, plumbing and control system improvements to bolster fire safety and building efficiency by re-commissioning critical Central Library building systems; additional work slated for 2016 includes strengthening portions of the Level 3 raised flooring pedestal supports to accommodate a high-access lift and implementing findings from this year's curtain wall assessment to install high access rigging to Level 3's interior curtain wall and implement corrective work to the exterior façade.

Also part of the ongoing Library Major Maintenance BCL (B301111) is 2016 Real Estate Excise Tax (REET) funding of $1,016,000:

- $500,000 will support the Library's "Re-imagining Spaces" efforts, to modify Library spaces and better support the evolving ways patrons use libraries. This funding will leverage concurrent major maintenance projects funded by the Library Levy.
- $516,000 will be applied toward tenant improvements at the yet-to-be-sited 9,000-12,000 square foot multi-use facility, which will allow consolidation of the Library's building maintenance, custodial, landscaping and storage facilities, as well as house the Library's fleet of vehicles.

In addition, REET funds are included in the Library Major Maintenance BCL (B301111) for work on the Central Library:

- $750,000 for the Level 3 flooring upgrades to replace worn flooring and to accommodate a high-access lift for the curtain wall assessment.
- $500,000 for curtain wall assessment, including installation of anchors to facilitate cleaning and inspection of the fire suppression system.

Thematic Priorities

Library CIP projects generally fall into one or more categories: asset preservation, operational efficiency, environmental stability, public service improvements, and safety and security.

Asset Preservation
The overriding priority of the Library's capital program is extending the useful life of our buildings as long as possible. Major repairs and replacement to roofs, building envelopes, HVAC and other critical building systems, doors, windows, flooring and casework are examples of the asset preservation items that must be funded through the Library's CIP budget. Roughly $3.26 million of the Library's 2016 CIP spending can be wholly or partially classified as asset preservation work. As buildings reach and surpass the ten-year mark, they generally require attention to flooring, casework, finishes and restroom fixtures; these improvements are planned for all or a combination of Beacon Hill, Greenwood, High Point and Lake City branches. At Central Library, asset preservation projects will address mechanical systems assessment, finishes and casework refurbishment.

Library Operational Efficiency, Environmental Sustainability and Public Service Improvements
The Library delivers direct services to Seattle residents, who expect highly functional and welcoming library buildings. Major maintenance work carried out under this priority supports:

1. implementation of new service models to help the Library reduce operating costs while minimizing impact to the public;

2. improvements to enhance the environmental sustainability of Library buildings; and

3. efforts to better tailor services to neighborhood needs and changes in how people access and use information.

Within the latter theme, Reimagining Spaces projects are in the planning stages, underway or have been completed at several branches, including Northeast, Capitol Hill and Rainier Beach. The Ballard branch is currently being assessed and any Reimagining work will likely begin in 2016. Planned major maintenance projects at Beacon Hill, Greenwood, High Point and Lake City may also provide opportunity for public service enhancements at those branches. To improve operational efficiency and sustainability, roughly $339,000 is budgeted for mechanical, engineering, plumbing and control system improvements at Central and several branches.

Safety and Security of Public and Staff
Repairs and improvements that enhance the safety of library facilities are another priority guiding the Library's decision-making regarding allocation of its capital resources (obviously, if there are immediate safety concerns or building integrity is at stake, those projects assume the highest priority). More than $500,000 will be spent for projects system-wide that can be wholly or partially categorized as improving building safety and security.

Project Selection Criteria

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

The Library conducts condition assessments and updates information based on inspection by the capital program manager and facilities maintenance staff. The Library obtains professional evaluations of roofs, mechanical, HVAC and lighting systems to flag deficiencies and identify areas where the capital program may be able to reduce operating costs. Library public services managers develop proposals to change the functional use of library space. These proposals are evaluated for feasibility, cost and urgency, and the capital program works with Library services managers to scope alternatives. The Library leadership team has ultimate responsibility for authorizing and prioritizing functional building modifications.

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

Summary of Upcoming Budget Issues and Challenges

The Library Levy provides critical resources that will support a responsible capital program and preserve welcoming Library spaces throughout the city. The Library prepared a seven-year asset management plan to guide the capital element of the levy proposal. The Library is grateful for the opportunity to avoid deferred maintenance, keeping these community hubs in excellent condition.

The Library Levy will conclude at the end of the fourth year (2019) of the current six-year Adopted CIP. The Library will need to work with the Mayor and City Council prior to the end of the seven-year Library Levy to develop a strategy for continuing capital improvement program support for the Library, whether in the form of a renewed levy, re-instituted REET support, or some other mechanism. Given the uncertainty of future funding, the projected 2020-2021 Library CIP is supported entirely by REET funds.

Library buildings are the most intensively-used city facilities in Seattle. The Central Library hosts almost 2 million visitors annually, and library branches serving nearly 5 million visitors. Even the quietest branch has nearly 60,000 people walk through the door each year. The Library's historic landmark buildings have unique features such as brick facades, slate roofs and other details. It is important to use designs and materials consistent with their landmark status – all factors that increase major maintenance costs. The Central Library poses a different set of challenges. A building of its size, complexity and intensity of use requires significant annual major maintenance to preserve core functionality and continually improve building efficiency. All of these factors were considered in establishing the major maintenance component of the Library Levy.

The LFA improvement projects were completed on a rolling basis over the course of a decade. The Library has developed a projection of annual asset preservation requirements by focusing on the year in which each building reaches the 10-year mark from its LFA construction or expansion/renovation. This juncture provides a critical milestone for renewal of mechanical systems, building envelopes/roofs, and interiors. The Library does not anticipate needing to fund many wholesale replacements of systems at this point, but will need to replace, repair or upgrade components in order to maximize the useful life of the systems.

Future Projects / What is on the Horizon

<u>Offsite Multi-use Facility</u>
The Library has developed a scope and cost estimate to acquire a multi-use facility, which would allow consolidation of the Library's building maintenance, custodial, landscaping and storage facilities, as well as house the Library's fleet of vehicles. The Library is pursuing this project for the following reasons:

- The Library's building maintenance shops operation is currently operating under a lease extension at an Airport Way facility that will expire January 31, 2016. The current space is small, limits a fully functional shops space and it is highly unlikely the Library will be able to continually renew/extend the lease (certainly not at the current below-market monthly rate of $2,400). The Library moved to this site in 2010 when our existing leased facility at Magnuson Park was renovated for other purposes.

- The Library leases space for mobile and delivery service vehicles from the Washington State Library at a downtown Seattle facility that is insufficient for a planned expansion of the mobile services program.

- The current Library-owned storage space, shop and office space for the landscaping program at Queen Anne Storage is in a former utility building located across the street from the Queen Anne Library in a residential neighborhood. The facility needs significant major maintenance, is not the property's highest and best use, and has very limited parking. The Library's needs for these functions exceed what would be acceptable at this location, particularly the amount of truck traffic.

Consolidating these functions in one facility, preferably purchased or if necessary via a long-term lease, would provide predictable future costs and improve efficiency with building, custodial, landscaping maintenance and storage all in one location. The new, larger and more centralized maintenance and storage site will streamline and enhance maintenance storage and shop functions; improve storage systems, access and ergonomics; and reduce costly trips to the congested downtown corridor. Considering the current real estate market, the Library may lease space in the short-term while moving forward with the sale of the Queen Anne storage facility; proceeds from that sale will be necessary to partially offset the cost of a new facility.

Central Library Infrastructure

Seattle's iconic Central Library has proven to be a structure that attracts Seattle residents and visitors from around the world. The building is twelve years old, a point in its lifecycle where significant investments in the infrastructure are required to preserve the community's investment. Physical changes are also necessary to enable the Library to respond to changing demands for Library programs and services; as mentioned, a Services and Operations Study was recently completed that will help guide infrastructure investments needed. In terms of maintenance and operations, Central Library is far more complex than a typical office building; the situation is further complicated by the fact that Central is likely the most highly-used building owned by the City. Additional funding is essential beyond the regular maintenance envisioned in our current level of capital funding.

Central's Level 3 Living Room, with its broad south facing glass canopy and dramatic atrium is the building's most iconic and highly-used public space. This space has the potential to actively engage all visitors in the full range of library services, whether they are available elsewhere in the building or are virtual services. Level 3 could serve as a portal to (and act as a teaser for) new and existing library services more than it does now; however, several infrastructure issues must be addressed before this can happen, including upgrades to the entryway, lighting and flooring. The existing raised, continuous wood flooring is highly worn. The current flooring prevents access to the plenum space below, and it cannot support equipment that will allow high-access to ceiling-level lighting and for inspecting the fire suppression system. Replacing and reinforcing the raised pedestal floor plenum system will require funding beyond routine maintenance costs.

The Library also needs to develop and implement various means and methods to safely access Central Library's extensive interior curtain wall system on levels 3, 5, 9, and 10 so glazing may be inspected and windows cleaned on a periodic basis. Unlike the exterior, interior safety tether or anchor points were not included in the building's original design. Once established, maintaining an ongoing system could be funded by the Library's major maintenance budget, but establishing the initial curtain wall inspection and maintenance system will be an infrastructure upgrade far beyond routine maintenance costs.

Additionally, the Central Library is entering its second decade of life when mechanical, electrical and plumbing (MEP) systems begin needing much more attention. While the building appears to be running well on the surface, it's entering a phase of its life where deficiencies and omissions will manifest themselves as emergent challenges to operations or as emergencies. The Library is engaging a commissioning consultant that will undertake the inspections and assessments, then assist in implementing necessary improvements, corrective work and repairs, and test them again to ensure everything meets specifications. The cost of undertaking this effort will be significant, but with more reliable, updated systems there will also be opportunities for energy and operational savings.

Reimagining Spaces
The Library is also adapting to a rapidly changing information environment, where patrons are increasingly using the Library in new ways and accessing content digitally. Funding is vital for strategic, transformational improvements to Library facilities beyond baseline asset preservation. These strategic improvements will modify physical Library space with a threefold goal:

1. support learning experiences and programs for patrons, rather than serving as a location where a patron completes a transaction;

2. provide that experience in more flexible, adaptable spaces, responsive to service, patron, and demographic changes; and

3. in those spaces, reflect the expressed needs of our individual neighborhoods and communities, while maintaining The Seattle Public Library qualitative experience.

The Reimagining Spaces initiative will continue for the next five to seven years. The Library's Programs and Services Division has begun a programmatic assessment of key programs and services, along with the requisite funding changes associated with reimagining targeted branches and the Central Library. Reimagining the Central Library is especially challenging; while reimagining projects can be sequenced, the timing, scale and complexity of the building and heavy public use will require careful logistical and financial planning. Major maintenance funding afforded by the Library Levy provides for a responsible level of baseline asset preservation; it fills significant gaps in routine and major maintenance budgets in time to avoid or slow the effects of wear and tear. However, levy funding is insufficient to fund the substantial costs associated with programmatically driven or reimagining projects, building infrastructure renovations, or replacement of major building systems at Central or the Library's larger branches. Additional financial support is crucial to the Library's ability to address major systems replacement and adapt libraries to the public's changing needs and uses during the life of the levy and beyond.

City Council Changes to the Proposed CIP

There were no Council changes to the Proposed CIP.

City Council Provisos to the CIP

There were no Council provisos.

Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
ADA Improvements - Library						**BCL/Program Code:**			**B301112**
ADA Improvements - Library (B301112)	367	669	19	0	0	0	0	0	1,055
ADA Improvements - Library	367	669	19	0	0	0	0	0	1,055
Central Library Infrastructure Improvements						**BCL/Program Code:**			**B301113**
Central Library Infrastructure Improvements (B301113)	31	969	0	0	0	0	0	0	1,000
Central Library Infrastructure Improvements	31	969	0	0	0	0	0	0	1,000
Library Major Maintenance						**BCL/Program Code:**			**B301111**
Library Major Maintenance (B301111)	6,361	7,571	4,508	4,957	4,322	4,440	584	600	33,343
Library Major Maintenance	6,361	7,571	4,508	4,957	4,322	4,440	584	600	33,343
Department Total*:	6,759	9,209	4,527	4,957	4,322	4,440	584	600	35,398

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

Fund Summary

Fund Name & Code	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
2012 Library Levy Fund (18100)	2,379	6,573	2,242	3,673	3,772	3,876	0	0	22,515
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	3,940	2,636	2,285	1,284	550	564	584	600	12,443
General Subfund (00100)	440	0	0	0	0	0	0	0	440
Library Capital Subfund (10450)	0	0	0	0	0	0	0	0	0
Department Total*:	6,759	9,209	4,527	4,957	4,322	4,440	584	600	35,398

**Amounts in thousands of dollars*

ADA Improvements - Library

BCL/Program Name:	ADA Improvements - Library	**BCL/Program Code:**	B301112
Project Type:	Improved Facility	**Start Date:**	Q3/2011
Project ID:	B301112	**End Date:**	ONGOING
Location:	Various Locations		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	367	669	19	0	0	0	0	0	1,055
Total:	367	669	19	0	0	0	0	0	1,055
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	367	669	19	0	0	0	0	0	1,055
Total*:	367	669	19	0	0	0	0	0	1,055

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

Central Library Infrastructure Improvements

BCL/Program Name:	Central Library Infrastructure Improvements	**BCL/Program Code:**	B301113
Project Type:	Improved Facility	**Start Date:**	Q3/2014
Project ID:	B301113	**End Date:**	ONGOING
Location:	Various Locations		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	31	969	0	0	0	0	0	0	1,000
Total:	31	969	0	0	0	0	0	0	1,000
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	31	969	0	0	0	0	0	0	1,000
Total*:	31	969	0	0	0	0	0	0	1,000

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

Library Major Maintenance

BCL/Program Name:	Library Major Maintenance	**BCL/Program Code:**	B301111
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	B301111	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project provides for major maintenance to Library facilities, which include the 363,000 square foot Central Library and 26 branch libraries as well as storage/shops facilities. Typical improvements may include, but are not limited to, structural and mechanical repairs or improvements, safety and security upgrades, lighting and signage improvements, wall and floor surface repairs, landscape and exterior hard surface repairs, and projects that enhance service delivery or facilitate operational cost-savings at our libraries. This project preserves building integrity and improves functionality, and provides responsible management of the Library's building assets to ensure their long-term operational use. The project was created in 2009 in connection with midyear budget reductions to facilitate efficient asset management.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Subfund Revenues	440	0	0	0	0	0	0	0	440
Real Estate Excise Tax I	3,542	998	2,266	1,284	550	564	584	600	10,388
Property Sales and Interest Earnings	0	0	0	0	0	0	0	0	0
Property Sales and Interest Earnings-2	0	0	0	0	0	0	0	0	0
Seattle Voter-Approved Levy	2,379	6,573	2,242	3,673	3,772	3,876	0	0	22,515
Total:	6,361	7,571	4,508	4,957	4,322	4,440	584	600	33,343
Fund Appropriations/Allocations									
General Subfund	440	0	0	0	0	0	0	0	440
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3,542	998	2,266	1,284	550	564	584	600	10,388
Library Capital Subfund	0	0	0	0	0	0	0	0	0
2012 Library Levy Fund	2,379	6,573	2,242	3,673	3,772	3,876	0	0	22,515
Total*:	6,361	7,571	4,508	4,957	4,322	4,440	584	600	33,343
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Overview

The Seattle Department of Transportation (SDOT) is responsible for maintaining and building 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, improve quality of life, and build a more sustainable community. This is accomplished by:

- Preserving existing transportation infrastructure and using it to its fullest capabilities.
- Moving people and goods efficiently and safely, using technology wherever possible to overcome transportation challenges.
- Reducing reliance on the automobile and making transit, bicycling and walking convenient and attractive.
- Shaping future transportation improvements that reflect Seattle's role and connections to the region.
- Incorporating environmental excellence and climate protection into every decision, project and program.
- Promoting the livability of our neighborhoods and communities.
- Guiding investments that contribute to the economic vitality of neighborhood businesses and industries in Seattle and the region.
- Managing resources wisely with performance measures.

The transportation infrastructure is valued at more than $19.8 billion. Major system assets include:

- 1,547 lane-miles of arterial streets
- 2,407 lane-miles of non-arterial streets
- 117 bridges
- 509 stairways
- 581 retaining walls
- 22 miles of seawalls
- 1,071 signalized intersections
- 40.2 miles of multi-purpose trails
- 338 miles of on-street bicycle facilities
- More than 180,000 signs
- 41,000 street trees
- 2,018 pay stations
- 29,073 curb ramps

SDOT’s 2016 Adopted Budget and 2016-2021 Adopted CIP emphasize transportation safety, the efficient mobility of goods, and mobility for people of all ages/abilities.

The documents outline investments in critical transportation infrastructure needs and include planned spending of more than $1 billion during 2016-2021. Key work includes street paving and resurfacing, building new sidewalks and curb ramps; implementation of the Transit Master Plan; implementation of the Pedestrian and Bike Master Plans; school safety improvements; investments to facilitate freight mobility, traffic cameras and signals; support for the Seawall and Waterfront Program; pay station replacement; 23rd Avenue Corridor improvements; and multi-modal corridor development. For more details, please see the associated explanations below.

The 2016-2021 Adopted CIP also shows increasedfunding levels in a number of projects due to the passage of the Move Seattle levy in November 2015. New projects added to the CIP due to the levy's passage include Accessible Mt. Baker Implementation; Arterial Asphalt & Concrete Phase II; Delridge Multimodal Corridor; Graham Street Station; Market/45th Multimodal Corridor; Rainier/Jackson Multimodal Corridor; and Route 40 Northgate to Downtown Transit Improvements. In addition, the Eastlake Corridor Transit and Street Improvements project was renamed the Roosevelt Multimodal Corridor.

Street Paving and Resurfacing: The adopted CIP includes a "Pavement Microsurfacing" project to improve the surface of Seattle's streets and reduce life-cycle costs by avoiding future replacement costs. The total investment during 2016 is $2,500,000 and should restore approximately 30 lane-miles of the City's streets. The adopted CIP also includes $3,250,000 in 2016 for Arterial Major Maintenance and $26,000,000 for Arterial Asphalt & Concrete Program Phase II.

The 2016 Adopted CIP combines the Non-Arterial Asphalt Street Resurfacing and Non-Arterial Concrete Street Resurfacing CIPs into a single new project called Non-Arterial Street Resurfacing and Restoration; the CIP identifies $1,710,000 for this project during 2016.

Pedestrian Master Plan Investments: The 2016 Adopted CIP includes three projects that advance the Pedestrian Master Plan recommendations.

- The Pedestrian Master Plan - New Sidewalks project includes $9.7 million in 2016 to design and construct new sidewalks. Of the total, $4.2 million is ticket revenue generated from fixed automated cameras located near school zones. These funds will be used to construct sidewalks within Seattle Public Schools walk zones. The remaining $5.5 million is eligible for use anywhere in Seattle. The Adopted CIP also reflects the Council's decision to dedicate 10% of red light camera revenue to school traffic and pedestrian safety in the amount of $409,000 in 2016.
- The Pedestrian Master Plan – School Safety project emphasizes pedestrian improvements in school zones. In 2014, a new School Zone Fixed Automated Cameras Fund (SZFAC), administered by SDOT, was created to fund school safety infrastructure project design and construction, school zone camera installation and operation, school zone warning beacon maintenance, school safety program administration, and safety education. The adopted CIP reflects Council's decision to change the SZFAC to the "School Safety Traffic and Pedestrian Improvement Fund". The 2016 Adopted CIP includes $1.6 million for capital improvements dedicated to school zones. These capital improvements may include school zone signing, crosswalk maintenance, curb bulb and curb ramp replacement and maintenance, sidewalk maintenance, and changes to traffic circulation around schools.
- The Pedestrian Master Plan Implementation project will continue to fund curb ramp replacement, pedestrian crossing improvements, and the rehabilitation or replacement of stairways. The construction of new sidewalks has shifted to the New Sidewalks CIP project. Within available funding, SDOT will prioritize Americans with Disabilities Act (ADA) compliance in the City's right-of-way, including replacing and improving curb ramps. The 2016 Adopted CIP includes $6,180,000 for this project.

Bicycle Master Plan Investments: The Bicycle Master Plan investments in the 2016–2021 Adopted CIP include $9,250,000 for implementation in 2016. The 2016 Bicycle Master Plan projects are intended to support the Bicycle Master Plan goals of safety, connectivity, ridership, equity, and livability. Typical project types include neighborhood greenways, protected bicycle lanes, other types of bicycle lanes, trail improvements, and bicycle parking, as well as spot improvements and programs that promote safety and encourage riding.

Bike Share Expansion: In 2016, the Adopted CIP includes $5.0 million to support the expansion of the City's bike share program. The City will solicit proposals from vendors early in 2016 with the intent of having the new system operational by summer 2017.

Traffic Cameras and Signals: The City owns 158 traffic cameras, all of which are beyond or nearing the end of their useful life; moreover, funding to maintain these cameras in good working order was not identified in budgets prior to 2015. These cameras are needed so that staff at the Traffic Operations Center can adjust signals and dynamic message signs, communicate with first responders, and respond to changing conditions. The 2016-2021 Adopted CIP continues to replace these cameras at an annual cost of $600,000; funding for this effort is included in the Next Generation Intelligent Transportation Systems (ITS) CIP. In addition, $50,000 annually is included in the operating budget to keep these cameras in good working order and extend the life cycle of these assets.

Another important City asset is traffic signals. Therefore, the adopted CIP provides $1,013,000 in 2016 to rebuild 10 additional signals. This funding augments the base budget, which allows for eight signal rebuilds annually.

The 2016 Adopted CIP combines the Left Turn Signals CIP and the New Traffic Signals CIP into a single project, the New Traffic Signals CIP.

Bridge Projects: The City owns 117 bridges, and keeping them in good repair is a major challenge. The 2016-2021 Adopted CIP is leveraging two new federal grant funds to replace and repair the following bridges:

- Post Alley Bridge, which will be replaced with a standard street; and
- the 45th Street Viaduct, which will be seismically retrofitted.

During 2015, the City received approximately $3.0 million in federal grants to complete these projects.

Another investment in the 2016-2021 Adopted CIP concerns bridge load rating standards, which were modified by the Federal Highway Administration in November 2013. The standards require the City to re-do load ratings for 63 bridges by 2022. The estimated cost per bridge ranges from $20,000 to $40,000; thus, the adopted CIP includes $300,000 of REET in 2016 to address this issue. This continued level of investment will also be needed during 2017-2021.

The 2016-2021 Adopted CIP also includes funds for Bridge Painting ($2,135,000 annually) and construction of the Yesler Way Bridge Rehabilitation and Replacement effort, which is partially paid for by a federal grant.

Seattle Waterfront Capital Projects: The four major capital projects in the SDOT budget related to the downtown waterfront are: the Alaskan Way Viaduct Replacement Project; the

Elliott Bay Seawall Project; the Alaskan Way Main Corridor; and the Overlook Walk and East-West Connections Project. Additionally, separate capital projects exist within the Department of Parks and Recreation (Waterfront Pier projects) and the Department of Finance and Administrative Services (Pike Place Market PC1-N project). The Alaskan Way Viaduct Replacement Project includes SDOT's costs related to the State's SR-99 / Bored Tunnel, Battery Street Tunnel Decommissioning, the Holgate to King south end projects, the parking program, and program management services. The Elliott Bay Seawall Project, currently in construction, will replace the current seawall from Washington to Virginia streets (also known as the Central Seawall). It will also strengthen the pier support for Fire Station 5, which is currently attached to the existing seawall. In 2015, SDOT elected to delay a portion of the third season of seawall construction in order to reassess the cost and project management strategy for this work.

The Alaskan Way Main Corridor and the Overlook Walk and East-West Connection projects are led by the Office of the Waterfront. The Alaskan Way Main Corridor project includes the design and construction of the Alaskan Way/Elliott Way surface street and the adjoining pedestrian promenade along the waterfront. The Overlook Walk and East-West Connections projects include the Overlook Walk that provides pedestrian connections between the waterfront and the Aquarium and Pike Place Market. The project also focuses on the east/west streets that connect the downtown to the waterfront area. The City intends to complete the EIS for the project and complete 60% design in 2016, integrating any design changes recommended through the environmental process. The City will also coordinate with Parks and the Seattle Aquarium to develop a revised 30% design for the Overlook Walk.

Transit Projects: The 2016 Adopted CIP provides $690,000 to complete design on the Broadway Streetcar Extension project, which will extend the First Hill Streetcar project north to Roy Street. Some of these funds may also be used to develop a Local Improvement District funding proposal for the project. In addition, $973,000 of bond proceeds are identified to extend the RapidRide C and D lines into South Lake Union; the total cost for this effort is $2.0 million. Extension of the C and D lines is included in the Transit Corridor Improvements project which is funded at $1.87 million in 2016.

Pay Station Replacement: The first of the City's parking pay stations began reaching the end of their 10-year lifecycle in 2014. Older pay stations were past their warranty, costly to maintain, becoming obsolete, and could not accommodate time-of-day pricing. The effort to replace the pay stations began in 2014 and will continue through 2016. In addition to $1.3 million identified in the 2014 Adopted CIP and $4.2 million in the 2015 Adopted CIP, $9 million of 5-year LTGO bonds will be sold in 2016 to replace the pay stations.

23rd Avenue Corridor Improvements: 23rd Avenue is a vital multi-modal corridor linking much of south and central Seattle with Capitol Hill, the University District, and other North Seattle neighborhoods. The original scope of the 23rd Avenue Improvements project was to reconstruct the roadway in its current 4-lane configuration between John and Rainier, along with optional improvements between East John and East Helen Streets. Additional funding supports improvements that significantly modify the cross section of this roadway to a 3-lane section in accordance with stakeholder desires; build a parallel greenway; and continue development of Route 48 transit service electrification in the corridor. Due to the passage of the Move Seattle

levy, the 2016-2021 Adopted CIP funds design and construction of the first three phases of the corridor.

New Permitting System: The City is moving to implement a fully integrated City-wide permitting system that provides an online “all-in-one-place experience” for Seattle customers and staff. This will replace SDOT’s current permitting system, Hansen 7, which will soon be incompatible with City technology systems.

The 2013 Adopted budget provided $485,000 to evaluate an upgrade of this system. The 2014 Adopted Budget provided $2,960,000 in one-time funds to begin the upgrade process and the 2015 Adopted Budget provided $3,360,000. During this time, the Department of Planning and Development (DPD) has also been planning to update their permitting system. DPD has decided to replace its Hansen system with a completely new system called Accela. As a result, SDOT has decided to implement Accela rather than upgrade its Hansen system. Therefore, the 2016-2021 Adopted CIP includes a new project for this work and identifies $5.5 million in street use revenues for 2016. An additional $5.1 million is needed for this project during 2017. All unused prior appropriation authority from 2015 and earlier will lapse as SDOT resets its budget for this work in the 2016 Adopted Budget.

Funding for replacement of this critical permitting system is a classic “user pays” model. SDOT permittees will pay for this system replacement from their permit fees, and funding is identified to upgrade and replace the asset in future years.

CIP Revenue Sources

Multiple funding sources support the Transportation CIP, including:

- Move Seattle levy;
- Gas Tax;
- REET I and REET II;
- Commercial Parking Tax;
- Vehicle License Fees;
- Long-term financing (general obligation bonds);
- Street vacation revenues;
- Street use fees;
- Property sale proceeds;
- Federal and state grants; and
- Funds from various funding partners, such as Sound Transit and the Washington State Department of Transportation.

In 2016, the adopted CIP budget is $296 million from the following sources:

Local Revenues
Local funding sources for the Transportation Capital Improvement Program include Move Seattle levy proceeds, Gas Tax, General Fund, Cumulative Reserve REET II, Cumulative Reserve Street Vacation, Commercial Parking Tax, and the $20 Vehicle License Fee. These revenues are for programs that improve or maintain the City's transportation system or to provide local matching funds to SDOT's funding partners on large capital projects. In 2015, the State legislature passed a transportation revenue package. The City's direct share of the revenue increase is projected to be $822,476 in state fiscal years 2016 and 2017. This increase will help alleviate the loss of other revenue sources such as the one-time Rubble Yard sale and the expiring Bridging the Gap Levy.

Thematic Priorities

The role of the transportation system is to connect people, places and products. To accomplish this, SDOT prioritizes services and capital projects based on the core principles in Mayor Murray's 10-Year Strategic Vision for Transportation - Move Seattle. The goal of the strategic vision is to organize actions around SDOT's core values:

1. **A Safe City** - We will not accept traffic deaths as an inevitable part of traveling together in a safe city. Our goal is to eliminate serious and fatal crashes in Seattle. Safety also means being prepared for a natural disaster by seismically reinforcing our bridges to withstand earthquakes.
2. **An Interconnected City** - More travel options don't always equate to an easy-to-use, interconnected system. Our goal is to provide an easy-to-use, reliable transportation system that gives you the options you want when you need them.
3. **A Vibrant City** - A vibrant city is one where the streets and sidewalks hum with economic and social activity, where people meet and shop and enjoy the beautiful city we live in side by side with goods delivery and freight shipping. Our goal is to use Seattle's streets and sidewalks to improve the city's health, prosperity and happiness.
4. **An Affordable City** - Our goal is to give all people high-quality and low-cost transportation options that allow them to spend their money on things other than

transportation. An affordable transportation system improves the lives of all travelers: those with the latest model smart phones in their pockets and those without.

5. **An Innovative City** - Demographic changes and technological innovation are radically reshaping transportation. Our goal is to understand and plan for the changes of tomorrow while delivering great service today. This includes newer, more nimble approaches to delivering projects and programs to our customers.

Transportation projects are initiated through a number of methods including planning processes (modal, subarea, neighborhood planning), preservation, operations and safety needs assessment, regulatory requirements, elected official direction and, in some instances, from neighborhood input such as the Neighborhood Street Fund program.

Stakeholders have significant input in development of all SDOT plans through public involvement processes. Seattle's Pedestrian, Bicycle, Transit and Freight Advisory Boards also provide input on project/program needs.

A number of factors can affect SDOT's project and funding decisions, including regulatory requirements, state and federal law (such as the Americans with Disabilities Act) and construction seasons. Opportunities to leverage the City's limited funding with grants or coordinating projects with other agencies can also affect SDOT's decisions.

In every case, SDOT strives to implement the City's policy goals laid out in Seattle's Comprehensive Plan and individual policy initiatives such as Complete Streets, the Race and Social Justice Initiative and the Environmental Management Initiative. SDOT's Transportation Strategic Plan, modal plans and subarea plans provide an overall framework for implementing these goals.

City Council Changes to Proposed CIP

The City Council altered the proposed CIP in the following ways:

- Amended various projects in the CIP to reflect passage of the Move Seattle transportation levy in November 2015 and made the following additional appropriations:
    - Major Maintenance and Replacement: $44,775,000
    - Mobility – Capital: $37,356,000
- Added $409,801 of red light camera revenues and reduced General Subfund revenues by a corresponding amount in the Pedestrian Master Plan – New Sidewalks CIP;
- Reduced school camera revenues by $800,000 to align with the current revenue forecast, which affected the Pedestrian Master Plan – School Safety CIP; and
- Added $500,000 to the Next Generation Intelligent Transportation Systems (ITS) CIP for the installation of ITS infrastructure on the West Seattle Bridge corridor.

City Council Provisos to the CIP

The City Council adopted the following provisos to the CIP:

- None of the money appropriated in the 2016 budget for the Seattle Department of Transportation (SDOT)'s Major Projects BCL may be spent for a construction contract change order to build that portion of the Elliott Bay Seawall Replacement Project between Pine and Virginia until SDOT files a report with the City Clerk providing an update of contract negotiations to fully complete the Elliott Bay Seawall Replacement Project.
- Of the appropriations in SDOT's Mobility-Capital BCL, $5,000,000 is appropriated solely for expansion of the Bike Share program and may be spent for no other purpose. Furthermore, none of the money so appropriated may be spent until authorized by future ordinance. Council anticipates that such authority will not be granted until the Seattle Department of Transportation provides a detailed spending and implementation plan and financial analysis of the expansion and long-term operations of the Bike Share program.
- None of the money appropriated in the 2016 budget for SDOT's Mobility-Capital BCL may be spent for design of the Broadway Streetcar Extension until authorized by future ordinance. Council anticipates that such authority will not be granted until SDOT provides a detailed spending and implementation plan, including a financing plan for the Broadway Streetcar Extension project.

Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Debt Service Program						**BCL/Program Code:**			**18002D**
Debt Service - CRF (TC320060)	19,279	1,367	1,348	1,306	812	814	815	815	26,556
Debt Service Program	19,279	1,367	1,348	1,306	812	814	815	815	26,556
Major Maintenance/Replacement						**BCL/Program Code:**			**19001**
Accela Permitting System (TC367730)	0	0	5,544	5,104	1,000	1,000	1,000	1,000	14,649
Arterial Asphalt & Concrete Program Phase II (TC367740)	0	0	26,000	30,315	33,597	33,443	29,569	34,248	187,172
Arterial Asphalt and Concrete Program (TC365440)	197,972	16,774	0	0	0	0	0	0	214,746
Arterial Major Maintenance (TC365940)	29,893	5,868	3,250	3,750	3,750	3,750	3,750	4,250	58,261
Bike Master Plan Implementation (TC366760)	29,954	19,190	9,250	9,165	9,180	9,196	9,212	9,228	104,376
Bridge Load Rating (TC365060)	3,148	598	581	590	599	608	617	627	7,368
Bridge Painting Program (TC324900)	22,634	4,240	2,135	2,135	2,135	2,135	2,135	2,135	39,684
Bridge Rehabilitation and Replacement (TC366850)	67,292	18,618	6,469	17,577	21,300	0	0	0	131,256
Bridge Rehabilitation and Replacement Phase II (TC367450)	6	1,154	2,604	0	2,250	0	0	0	6,015
Bridge Seismic - Phase III (TC367300)	36	820	6,699	4,030	6,005	6,005	10,100	10,100	43,795
Bridge Seismic Retrofit Phase II (TC365810)	36,068	309	0	0	0	0	0	0	36,377
Canton and Nord Alleys (TC367540)	23	872	0	0	0	0	0	0	895
Columbia Two-Way Street Improvements (TC367640)	0	1,000	3,457	1,672	0	0	0	0	6,129
Hazard Mitigation Program - Areaways (TC365480)	5,184	1,016	345	354	363	372	381	390	8,404
Hazard Mitigation Program - Landslide Mitigation Projects (TC365510)	7,957	904	1,345	427	440	453	466	473	12,465
Miscellaneous, Unforeseen, and Emergencies (TC320030)	2,499	10	0	0	0	0	0	0	2,509
Non-Arterial Asphalt Street Resurfacing (TC323920)	4,882	1,933	0	0	0	0	0	0	6,815
Non-Arterial Concrete Rehabilitation (TC323160)	5,184	1,466	0	0	0	0	0	0	6,650
Non-Arterial Street Resurfacing and Restoration (TC367710)	0	0	1,710	1,721	1,733	1,766	1,788	1,792	10,510

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Pavement Microsurfacing (TC367610)	0	2,500	2,500	0	0	0	0	0	5,000
Retaining Wall Repair and Restoration (TC365890)	4,381	910	212	212	212	212	212	212	6,563
Sidewalk Safety Repair (TC365120)	17,369	1,908	1,500	1,530	1,561	1,592	1,624	1,656	28,740
Signal Major Maintenance (TC367580)	0	0	2,473	1,493	1,526	1,560	1,594	1,630	10,275
South Park Bridge (TC365780)	11,242	5,173	0	0	0	0	0	0	16,415
Street Lighting Program (TC366900)	0	0	0	800	3,500	3,500	3,500	3,500	14,800
Major Maintenance/Replacement	445,724	85,265	76,075	80,875	89,150	65,591	65,947	71,241	979,868
Major Projects						**BCL/Program Code:**			**19002**
Alaskan Way Main Corridor (TC367330)	35,506	35,324	40,050	40,736	112,350	80,141	27,058	2,844	374,008
Alaskan Way Viaduct Replacement (TC366050)	89,730	10,470	0	0	0	0	0	0	100,200
Elliott Bay Seawall Project (TC367320)	123,995	145,039	85,909	32,120	0	0	0	0	387,063
First Hill Streetcar (TC367100)	126,242	9,056	0	0	0	0	0	0	135,298
Magnolia Bridge Replacement Project (TC366060)	10,021	80	0	0	0	0	0	0	10,101
Mercer Corridor Project (TC365500)	149,541	522	0	0	0	0	0	0	150,063
Mercer Corridor Project West Phase (TC367110)	64,982	26,404	3,909	50	40	0	0	0	95,385
Overlook Walk and East-West Connections Project (TC367630)	0	2,379	1,605	18,781	41,803	81,581	28,924	940	176,013
Spokane St. Viaduct (TC364800)	156,934	217	0	0	0	0	0	0	157,151
SR-520 Project (TC365880)	2,078	1,436	119	625	811	662	590	533	6,855
Major Projects	759,029	230,927	131,592	92,312	155,004	162,384	56,572	4,317	1,592,138
Mobility-Capital						**BCL/Program Code:**			**19003**
23rd Avenue Corridor Improvements (TC367420)	3,802	28,346	11,162	9,251	11,200	0	0	0	63,761
3rd Avenue Corridor Improvements (TC367370)	3,897	2,977	5,426	0	0	0	0	0	12,300
Accessible Mt. Baker Implementation (TC367800)	0	0	0	0	0	0	0	1,000	1,000
ADA Improvements – SDOT (TC367500)	15	154	432	0	0	0	0	0	601

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Adaptive Signal Control Implementation (TC367650)	0	200	800	0	0	0	0	0	1,000
Aurora Rapid Ride Improvements (TC367220)	7,126	253	2	9	0	0	0	0	7,389
Ballard to Downtown High Capacity Transit and Ship Canal Crossing Project (TC367390)	522	278	0	0	0	0	0	0	800
Bike Share Expansion (TC367690)	0	0	5,000	0	0	0	0	0	5,000
Broadway Streetcar Extension (TC367240)	1,551	2,194	1,065	14,819	10,560	0	0	0	30,189
Burke-Gilman Trail Extension (TC364830)	15,993	5,895	0	0	2,000	4,000	3,000	0	30,888
Center City Gateway and South Michigan Street Intelligent Transportation Systems (ITS) (TC367680)	0	5,311	0	0	0	0	0	0	5,311
Center City Streetcar Connector (TC367210)	2,475	5,300	75	18,025	67,284	19,228	0	0	112,388
Cheshiahud Lake Union Trail Project (TC367070)	1,771	4,768	0	0	8	10	0	0	6,557
Collision Evaluation Program (TC323860)	891	1,191	165	170	173	177	181	185	3,133
Delridge Multimodal Corridor (TC367810)	0	0	0	0	0	0	5,000	5,000	10,000
Fauntleroy Way SW Boulevard (TC367200)	1,079	1,421	7,000	7,000	2,000	0	0	0	18,500
Freight Spot Improvement Program (TC365850)	2,255	521	0	0	0	0	0	0	2,777
Graham Street Station (TC367780)	0	0	500	500	1,000	4,000	4,000	0	10,000
Greenwood Avenue Sidewalks (TC367530)	494	3,039	0	0	0	0	0	0	3,533
Heavy Haul Corridor Program (TC367590)	0	0	0	0	2,000	3,000	0	0	5,000
Lake Union Ship Canal Trail (TC327000)	9,635	30	0	0	0	0	0	0	9,665
Linden Avenue North Complete Streets (TC366930)	9,328	47	0	0	0	0	0	0	9,375
Madison Street Bus Rapid Transit (TC367480)	341	1,669	2,300	2,200	5,500	5,000	0	0	17,010
Market / 45th Multimodal Corridor (TC367790)	0	0	0	0	0	1,500	5,000	3,500	10,000
Mountains to Sound Greenway Trail (TC365750)	1,650	104	0	0	0	0	0	0	1,754
Multi-Modal Corridor Development (TC367490)	88	1,587	0	0	0	0	0	0	1,675

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Neighborhood Large Projects (TC367250)	1,552	5,179	2,675	2,675	2,675	2,675	2,675	2,675	22,781
Neighborhood Traffic Control Program (TC323250)	7,241	454	298	298	298	298	298	298	9,483
New Traffic Signals (TC367700)	0	0	498	515	527	540	552	563	3,194
Next Generation Intelligent Transportation Systems (ITS) (TC367430)	1,351	6,079	6,500	4,200	4,200	2,000	2,000	200	26,530
NSF/CRS Neighborhood Program (TC365770)	27,987	2,786	1,998	303	312	321	331	340	34,378
Pay Stations (TC366350)	18,343	5,459	9,086	0	0	0	0	0	32,888
Pedestrian Master Plan - New Sidewalks (TC367600)	0	7,255	9,732	0	0	0	0	0	16,986
Pedestrian Master Plan - School Safety (TC367170)	10,173	5,966	1,556	5,209	4,791	4,790	4,789	4,889	42,162
Pedestrian Master Plan Implementation (TC367150)	38,563	8,743	6,180	12,459	12,567	12,679	12,793	12,902	116,886
Railroad Crossing Signal Improvements (TC367090)	2,675	843	0	0	0	0	0	0	3,519
Rainier/Jackson Multimodal Corridor (TC367770)	0	0	2,000	0	1,500	3,000	2,500	0	9,000
Roosevelt Multimodal Corridor (TC367380)	44	1,577	2,000	0	0	0	0	1,500	5,121
Route 40 Northgate to Downtown Transit Improvements (TC367820)	0	0	500	0	0	0	1,500	5,000	7,000
S Lander St. Grade Separation (TC366150)	2,533	0	0	0	0	0	0	0	2,533
Safety and Maintenance Project (TC367520)	53	2,671	0	0	0	0	0	0	2,724
Sound Transit - East Link (TC367410)	38	315	0	0	0	3	70	72	497
Sound Transit - University Link (TC367040)	989	109	10	0	0	0	0	0	1,107
Sound Transit North Link (TC367190)	454	651	87	300	308	310	252	69	2,431
Sound Transit North Link Station Bike and Pedestrian Improvements (TC367350)	583	5,918	3,516	7,500	14,570	2,550	681	0	35,318
South Lake Union Streetcar (TC367400)	1,241	2,406	0	0	0	0	0	0	3,647
Transit Corridor Improvements (TC366860)	29,915	4,977	1,873	900	900	900	900	900	41,265
West Duwamish Trail (TC367130)	2,688	759	0	0	0	0	0	0	3,447

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Mobility-Capital	209,335	127,434	82,436	86,332	144,374	66,981	46,522	39,092	802,505
Department Total*:	1,433,367	444,993	291,451	260,825	389,340	295,770	169,856	115,465	3,401,068

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Fund Summary

Fund Name & Code	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
2000 Parks Levy Fund (33850)	2,847	135	0	0	0	0	0	0	2,982
2002B LTGO Capital Project Fund (34700)	400	0	0	0	0	0	0	0	400
2003 LTGO Capital Project Fund (34800)	5,600	0	0	0	0	0	0	0	5,600
2005 LTGO Capital Project Fund (31032)	17,225	0	0	0	0	0	0	0	17,225
2006 LTGO Capital Projects Fund (34900)	8,330	0	0	0	0	0	0	0	8,330
2007 Multipurpose LTGO Bond Fund (35100)	22,620	0	0	0	0	0	0	0	22,620
2008 Multipurpose LTGO Bond Fund (35200)	61,582	0	0	0	0	0	0	0	61,582
2008 Parks Levy Fund (33860)	2,234	3,416	0	0	0	0	0	0	5,650
2009 Multipurpose LTGO Bond Fund (35300)	60,765	2	0	0	0	0	0	0	60,767
2010 Multipurpose LTGO Bond Fund (35400)	72,285	420	0	0	0	0	0	0	72,705
2011 Multipurpose LTGO Bond Fund (35500)	49,743	7,957	0	0	0	0	0	0	57,700
2012 Multipurpose LTGO Bond Fund (35600)	14,699	1,185	0	0	0	0	0	0	15,885
2014 Multipurpose LTGO Bond Fund (36100)	10,000	0	0	0	0	0	0	0	10,000
2015 Multipurpose LTGO Bond Fund (36200)	0	18,879	0	0	0	0	0	0	18,879
2016 Multipurpose LTGO Bond Fund (36300)	0	0	70,120	0	0	0	0	0	70,120
Alaskan Way Seawall Construction Fund (35800)	102,904	145,427	37,946	720	0	0	0	0	286,997
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	4,164	4,122	0	0	0	0	0	0	8,287
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	124,483	35,183	26,104	15,382	5,089	5,192	5,394	4,895	221,723
Cumulative Reserve Subfund - South Lake Union Property Proceeds Subaccount (00167)	141	0	0	0	0	0	0	0	141
Cumulative Reserve Subfund - Street Vacation Subaccount (00169)	5,742	3,261	6,409	207	5	5	0	0	15,629
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	2,115	7,676	2,300	0	0	0	0	0	12,090
Emergency Subfund (00185)	395	0	0	0	0	0	0	0	395
Future Bond Funds (99999)	0	0	0	29,963	7,841	10,360	1,392	716	50,272

**Amounts in thousands of dollars*

Fund Summary

Fund Name & Code	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Open Spaces & Trails Bond Fund (33620)	2,054	0	0	0	0	0	0	0	2,054
School Safety Traffic and Pedestrian Improvement Fund (18500)	2,000	5,469	5,398	4,409	3,991	3,990	3,989	4,089	33,335
To Be Determined (TBD)	0	33	0	27,415	86,983	31,123	2,876	660	149,090
Transportation Bond Fund (31600)	5,874	0	0	6,100	0	0	0	0	11,974
Transportation Operating Fund (10310)	835,926	211,580	143,174	160,543	253,604	191,430	139,115	103,398	2,038,769
Waterfront Lid Lift (35910)	19,237	248	0	16,086	31,828	53,669	17,090	1,708	139,866
Department Total*:	1,433,367	444,993	291,451	260,825	389,340	295,770	169,856	115,465	3,401,068

**Amounts in thousands of dollars*

23rd Avenue Corridor Improvements

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q3/2013
Project ID:	TC367420	**End Date:**	Q4/2021
Location:	23rd AVE S/E John ST/Rainier AVE S		
Neighborhood Plan:	Central Area	**Council District:**	3
Neighborhood District:	Central	**Urban Village:**	23rd Ave. @ Jackson

The project will reconstruct sidewalks, enhance the pedestrian environment, reconstruct pavement, upgrade signalized intersections, upgrade controller cabinets to meet transit signal priority (TSP) needs and accommodate Intelligent Transportation Systems (ITS) upgrades. Activities include the following: install ITS to provide travel time information; install fiber communication as needed along the corridor to relay information back to the Traffic Management Center; and install poles for support of future trolley wires in two gap segments of the trolley network. The project will also include design and construction of a 3-lane cross section (with 4 lanes at isolated intersections) between John Street and Rainier Ave South, as well as a greenway facility on a parallel street to facilitate north-south bicycle travel.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	381	4,719	0	0	0	0	0	0	5,100
Federal Grant Funds	0	5,000	0	0	0	0	0	0	5,000
Transportation Funding Package - Lid Lift	255	11,281	0	0	0	0	0	0	11,536
City Light Fund Revenues	20	650	334	900	0	0	0	0	1,905
State Grant Funds	1,187	3,033	1,900	1,200	1,200	0	0	0	8,520
Transportation Move Seattle Levy - Lid Lift	0	0	1,000	5,000	10,000	0	0	0	16,000
To be determined	0	0	0	500	0	0	0	0	500
2011 Multipurpose LTGO bond Fund	1,958	3,664	0	0	0	0	0	0	5,622
Transportation Funding Package - Bonds	0	0	0	1,651	0	0	0	0	1,651
2016 Multipurpose LTGO Bond Fund	0	0	7,927	0	0	0	0	0	7,927
Total:	3,802	28,346	11,162	9,251	11,200	0	0	0	63,761
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	381	4,719	0	0	0	0	0	0	5,100
Transportation Operating Fund	1,462	19,964	3,234	7,100	11,200	0	0	0	42,961
2011 Multipurpose LTGO Bond Fund	1,958	3,664	0	0	0	0	0	0	5,622
Future Bond Funds	0	0	0	1,651	0	0	0	0	1,651
2016 Multipurpose LTGO Bond Fund	0	0	7,927	0	0	0	0	0	7,927
Total*:	3,802	28,346	11,162	8,751	11,200	0	0	0	63,261
O & M Costs (Savings)			0	0	0	0	0	0	0

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Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,213	170	275	30	30	0	0	4,719
Transportation Operating Fund	11,353	11,846	7,100	11,200	0	0	0	41,499
To Be Determined	0	0	500	0	0	0	0	500
2011 Multipurpose LTGO Bond Fund	49	3,614	0	0	0	0	0	3,664
Future Bond Funds	0	0	1,651	0	0	0	0	1,651
2016 Multipurpose LTGO Bond Fund	0	7,927	0	0	0	0	0	7,927
Total:	15,615	23,558	9,526	11,230	30	0	0	59,959

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3rd Avenue Corridor Improvements

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q4/2012
Project ID:	TC367370	**End Date:**	Q4/2017
Location:	3rd AVE/S Jackson ST/Denny WAY		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project makes multimodal improvements in the Third Avenue downtown corridor. Improvements include expanding the northbound bus stop area at Pine Street adjacent to Macy's department store, designing and constructing additional streetscape improvements, remarking numerous crosswalks, and installing pedestrian countdown signals.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	708	0	0	0	0	0	708
Federal Grant Funds	1,654	2,078	3,813	0	0	0	0	0	7,544
Transportation Funding Package - Parking Tax	1,654	663	0	0	0	0	0	0	2,317
Transportation Funding Package - Lid Lift	385	237	0	0	0	0	0	0	622
King County Funds	0	0	906	0	0	0	0	0	906
State Grant Funds	204	0	0	0	0	0	0	0	204
To be determined	0	0	0	0	0	0	0	0	0
Total:	3,897	2,977	5,426	0	0	0	0	0	12,300
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	708	0	0	0	0	0	708
Transportation Operating Fund	3,897	2,977	4,718	0	0	0	0	0	11,592
Total*:	3,897	2,977	5,426	0	0	0	0	0	12,300
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	708	0	0	0	0	0	708
Transportation Operating Fund		2,893	4,803	0	0	0	0	0	7,696
To Be Determined		0	0	0	0	0	0	0	0
Total:		2,893	5,511	0	0	0	0	0	8,404

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Accela Permitting System

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC367730	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
User Fees	0	0	5,544	5,104	1,000	1,000	1,000	1,000	14,649
Total:	0	0	5,544	5,104	1,000	1,000	1,000	1,000	14,649
Fund Appropriations/Allocations									
Transportation Operating Fund	0	0	5,544	5,104	1,000	1,000	1,000	1,000	14,649
Total*:	0	0	5,544	5,104	1,000	1,000	1,000	1,000	14,649

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Accessible Mt. Baker Implementation

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2021
Project ID:	TC367800	**End Date:**	TBD
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

This project will implement pedestrian and bicycle safety improvements identified in the Accessible Mt. Baker plan.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Transportation Move Seattle Levy - Lid Lift	0	0	0	0	0	0	0	1,000	1,000
Total:	0	0	0	0	0	0	0	1,000	1,000
Fund Appropriations/Allocations									
Transportation Operating Fund	0	0	0	0	0	0	0	1,000	1,000
Total*:	0	0	0	0	0	0	0	1,000	1,000

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ADA Improvements – SDOT

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	TC367500	**End Date:**	Q4/2016
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project removes and replaces curb ramps at eleven locations in the City of Seattle Right of Way (ROW) in order to improve accessibility for people with disabilities. This project will address the 11 highest priority ramps that provide access to Seattle parks and will be built in compliance with applicable standards, including the Americans with Disabilities Act Standards for Accessible Design.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	15	154	432	0	0	0	0	0	601
Total:	15	154	432	0	0	0	0	0	601
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	15	154	432	0	0	0	0	0	601
Total*:	15	154	432	0	0	0	0	0	601

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

Adaptive Signal Control Implementation

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q1/2015
Project ID:	TC367650	**End Date:**	Q4/2019
Location:	W Mercer ST/3rd AVE W/Queen Anne AVE N		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	TBD
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	South Lake Union

This project implements adaptive signal control (ASC) in the Seattle Center and South Lake Union area, and supports integrated corridor management on Denny Way, Mercer, and SR-99 north tunnel access. Phase 1 begins operation of 31 intersections on Mercer, Valley, and Roy that have been built as part of the Mercer project. Phase 2 includes 17 intersections along the Denny Way corridor. Phase 3 includes several connector streets between Mercer and Denny Way, including Elliott Ave, Queen Anne Ave N, Broad St, Dexter Ave N, Westlake Ave N, Fairview Ave N, 1st Ave N, 5th Ave N, and 9th Ave N. Phase 1 funding is proposed for 2015 and 2016.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Transportation Funding Package - Parking Tax	0	200	800	0	0	0	0	0	1,000
Total:	0	200	800	0	0	0	0	0	1,000
Fund Appropriations/Allocations									
Transportation Operating Fund	0	200	800	0	0	0	0	0	1,000
Total*:	0	200	800	0	0	0	0	0	1,000

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

Alaskan Way Main Corridor

BCL/Program Name:	Major Projects	**BCL/Program Code:**	19002
Project Type:	New Facility	**Start Date:**	Q1/2013
Project ID:	TC367330	**End Date:**	Q1/2021
Location:	Various		
Neighborhood Plan:	In more than one Plan	**Council District:**	7
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project designs and constructs the rebuilt Alaskan Way/Elliott Way surface streets and the adjoining pedestrian promenade along the Seattle waterfront following the demolition of the Alaskan Way Viaduct. The State of Washington is in the process of building a deep bore tunnel to replace the Alaskan Way Viaduct (Viaduct), which is part of State Route (SR) 99 State Route 99 is currently planned to be relocated from the Viaduct into the tunnel. The State is responsible for demolishing the Viaduct and decommissioning the Battery Street tunnel. The City of Seattle is responsible for the Alaskan Way/Elliott Way surface street and the promenade. The project also includes replacement of and improvements to four key connections impacted by the Viaduct removal, namely Seneca Street, Columbia Street, and the Marion Street and Lenora pedestrian bridges. This project is part of the overall waterfront improvement program.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	1,530	1,840	0	200	300	500	0	4,370
Street Vacations -CRSU	0	0	2,300	0	0	0	0	0	2,300
Street Vacations - SVF	0	0	1,543	0	0	0	0	0	1,543
Private Funding/Donations	0	0	0	2,000	15,808	13,876	6,316	0	38,000
State Grant Funds	11,928	21,813	12,646	28,659	81,686	54,307	9,569	1,000	221,607
User Fees	0	0	3,000	3,070	2,530	0	0	0	8,600
Commercial Parking Tax	3,835	2,246	0	0	0	0	0	0	6,081
To be determined	0	0	0	0	615	615	25	0	1,255
Transportation Bond Funds	0	0	0	6,407	6,691	7,260	1,392	716	22,466
Interfund Loan	17,283	(798)	0	0	0	0	0	0	16,485
Local Improvement District Bonds	0	0	0	600	4,820	3,783	9,256	1,128	19,587
2015 Multipurpose LTGO Bond Fund	0	7,396	0	0	0	0	0	0	7,396
Seawall Levy	2,459	3,138	0	0	0	0	0	0	5,597
2016 Multipurpose LTGO Bond Fund	0	0	18,721	0	0	0	0	0	18,721
Total:	35,506	35,324	40,050	40,736	112,350	80,141	27,058	2,844	374,008

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

Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	1,530	1,840	0	200	300	500	0	4,370
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	2,300	0	0	0	0	0	2,300
Cumulative Reserve Subfund - Street Vacation Subaccount	0	0	1,543	0	0	0	0	0	1,543
Transportation Operating Fund	15,763	24,059	15,646	33,729	100,024	68,183	15,885	1,000	274,288
Future Bond Funds	0	0	0	6,407	6,691	7,260	1,392	716	22,466
Waterfront Lid Lift	17,283	(798)	0	600	4,820	3,783	9,256	1,128	36,072
2015 Multipurpose LTGO Bond Fund	0	7,396	0	0	0	0	0	0	7,396
Alaskan Way Seawall Construction Fund	2,459	3,138	0	0	0	0	0	0	5,597
2016 Multipurpose LTGO Bond Fund	0	0	18,721	0	0	0	0	0	18,721
Total*:	35,506	35,324	40,050	40,736	111,735	79,526	27,033	2,844	372,753
O & M Costs (Savings)			0	0	0	0	0	0	0

Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		1,530	1,840	0	200	300	500	0	4,370
Cumulative Reserve Subfund - Unrestricted Subaccount		0	2,300	0	0	0	0	0	2,300
Cumulative Reserve Subfund - Street Vacation Subaccount		0	1,543	0	0	0	0	0	1,543
Transportation Operating Fund		16,202	23,546	33,729	100,024	68,183	15,885	1,000	258,569
To Be Determined		0	0	0	615	615	25	0	1,255
Future Bond Funds		0	0	6,407	6,691	7,260	1,392	716	22,466
Waterfront Lid Lift		(1,145)	350	600	4,820	3,783	9,256	1,128	18,792
2015 Multipurpose LTGO Bond Fund		7,394	2	0	0	0	0	0	7,396
Alaskan Way Seawall Construction Fund		839	2,250	0	0	0	0	0	3,089
2016 Multipurpose LTGO Bond Fund		0	18,721	0	0	0	0	0	18,721
Total:		24,820	50,552	40,736	112,350	80,141	27,058	2,844	338,501

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

Alaskan Way Viaduct Replacement

BCL/Program Name:	Major Projects	**BCL/Program Code:**	19002
Project Type:	New Facility	**Start Date:**	Q1/2001
Project ID:	TC366050	**End Date:**	Q4/2020
Location:	ALASKAN WY VI SB/BATTERY ST TUN OFF RP		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project funds the City's involvement in the replacement of the Alaskan Way Viaduct with the bored tunnel hybrid alternative. Replacement of this structure will enhance overall safety, as this structure is seismically vulnerable. In prior years, this project included design of the Central Seawall and Waterfront Improvements. In 2013, for transparency purposes, the Seawall and Waterfront work was reflected in two new capital projects, Elliott Bay Seawall Project (TC367320) and Waterfront Improvement Program (TC367330).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Federal Grant Funds	3,549	489	0	0	0	0	0	0	4,038
State Gas Taxes - Arterial City Street Fund	228	0	0	0	0	0	0	0	228
General Subfund Revenues	2,951	0	0	0	0	0	0	0	2,951
Interagency Commission on Outdoor Recreation Grants	259	0	0	0	0	0	0	0	259
King County Funds	11,326	0	0	0	0	0	0	0	11,326
State Grant Funds	13,767	7,782	0	0	0	0	0	0	21,548
User Fees	108	6	0	0	0	0	0	0	114
Commercial Parking Tax	8,041	961	0	0	0	0	0	0	9,002
2005 LTGO Bond	5,000	0	0	0	0	0	0	0	5,000
2003 LTGO Bond	5,000	0	0	0	0	0	0	0	5,000
2006 LTGO Bond	5,220	0	0	0	0	0	0	0	5,220
2007 Multipurpose LTGO Bond	2,920	0	0	0	0	0	0	0	2,920
2008 Multipurpose LTGO Bond Fund	481	0	0	0	0	0	0	0	481
2009 Multipurpose LTGO Bond Fund	1,770	0	0	0	0	0	0	0	1,770
2010 Multipurpose LTGO Bond Fund	10,440	0	0	0	0	0	0	0	10,440
2011 Multipurpose LTGO bond Fund	14,903	0	0	0	0	0	0	0	14,903
2012 Multipurpose LTGO Bond Fund	1,815	1,185	0	0	0	0	0	0	3,000
Interfund Loan	1,954	46	0	0	0	0	0	0	2,000
Total:	89,730	10,470	0	0	0	0	0	0	100,200

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

Fund Appropriations/Allocations

Transportation Operating Fund	40,228	9,238	0	0	0	0	0	0	49,466
2005 LTGO Capital Project Fund	5,000	0	0	0	0	0	0	0	5,000
2003 LTGO Capital Project Fund	5,000	0	0	0	0	0	0	0	5,000
2006 LTGO Capital Projects Fund	5,220	0	0	0	0	0	0	0	5,220
2007 Multipurpose LTGO Bond Fund	2,920	0	0	0	0	0	0	0	2,920
2008 Multipurpose LTGO Bond Fund	481	0	0	0	0	0	0	0	481
2009 Multipurpose LTGO Bond Fund	1,770	0	0	0	0	0	0	0	1,770
2010 Multipurpose LTGO Bond Fund	10,440	0	0	0	0	0	0	0	10,440
2011 Multipurpose LTGO Bond Fund	14,903	0	0	0	0	0	0	0	14,903
2012 Multipurpose LTGO Bond Fund	1,815	1,185	0	0	0	0	0	0	3,000
Waterfront Lid Lift	1,954	46	0	0	0	0	0	0	2,000
Total*:	89,730	10,470	0	0	0	0	0	0	100,200
O & M Costs (Savings)			0	0	0	0	0	0	0

Spending Plan by Fund

Transportation Operating Fund		4,593	2,893	1,069	1,286	484	401	0	10,726
2012 Multipurpose LTGO Bond Fund		1,185	0	0	0	0	0	0	1,185
Waterfront Lid Lift		46	0	0	0	0	0	0	46
Total:		5,825	2,893	1,069	1,286	484	401	0	11,958

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Arterial Asphalt & Concrete Program Phase II

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	
Project ID:	TC367740	**End Date:**	
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

The Arterial Asphalt and Concrete Program maintains Seattle's 1,581 lane miles of arterial streets through resurfacing and reconstruction projects. The Department uses a pavement management system to track the condition of arterial street pavement, to develop maintenance needs and establish priorities, and to select the streets to be rehabilitated each year. This project improves the quality and condition of the City's arterials.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Transportation Move Seattle Levy - Lid Lift	0	0	26,000	30,315	33,597	33,443	29,569	34,248	187,172
Total:	0	0	26,000	30,315	33,597	33,443	29,569	34,248	187,172
Fund Appropriations/Allocations									
Transportation Operating Fund	0	0	26,000	30,315	33,597	33,443	29,569	34,248	187,172
Total*:	0	0	26,000	30,315	33,597	33,443	29,569	34,248	187,172

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

Arterial Asphalt and Concrete Program

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC365440	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

The Arterial Asphalt and Concrete Program maintains Seattle's 1,581 lane miles of arterial streets through resurfacing and reconstruction projects. The Department uses a pavement management system to track the condition of arterial street pavement, to develop maintenance needs and establish priorities, and to select the streets to be rehabilitated each year. This project improves the quality and condition of the City's arterials.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	16,532	338	0	0	0	0	0	0	16,869
Real Estate Excise Tax I	501	0	0	0	0	0	0	0	501
Property Sales and Interest Earnings	253	0	0	0	0	0	0	0	253
Street Vacations -CRSU	950	0	0	0	0	0	0	0	950
Vehicle Licensing Fees	346	0	0	0	0	0	0	0	346
Drainage and Wastewater Rates	1,871	0	0	0	0	0	0	0	1,871
Federal Grant Funds	13,230	3,000	0	0	0	0	0	0	16,230
Transportation Funding Package - Parking Tax	15,465	1,464	0	0	0	0	0	0	16,930
Transportation Funding Package - Business Transportation Tax	7,250	0	0	0	0	0	0	0	7,250
Transportation Funding Package - Lid Lift	97,643	8,161	0	0	0	0	0	0	105,804
City Light Fund Revenues	375	0	0	0	0	0	0	0	375
State Gas Taxes - Arterial City Street Fund	815	0	0	0	0	0	0	0	815
General Subfund Revenues	3,180	19	0	0	0	0	0	0	3,200
Interfund Loan	7,348	3,755	0	0	0	0	0	0	11,103
King County Funds	585	2	0	0	0	0	0	0	587
Private Funding/Donations	1,937	0	0	0	0	0	0	0	1,937
State Grant Funds	4,582	0	0	0	0	0	0	0	4,582
Transportation Bond Funds	800	0	0	0	0	0	0	0	800
2008 Multipurpose LTGO Bond Fund	3,962	0	0	0	0	0	0	0	3,962
2009 Multipurpose LTGO Bond Fund	15,131	0	0	0	0	0	0	0	15,131
2011 Multipurpose LTGO bond Fund	5,215	35	0	0	0	0	0	0	5,250
Total:	197,972	16,774	0	0	0	0	0	0	214,746

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Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	16,532	338	0	0	0	0	0	0	16,869
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	501	0	0	0	0	0	0	0	501
Cumulative Reserve Subfund - Unrestricted Subaccount	253	0	0	0	0	0	0	0	253
Cumulative Reserve Subfund - Street Vacation Subaccount	950	0	0	0	0	0	0	0	950
Transportation Operating Fund	154,628	16,402	0	0	0	0	0	0	171,030
Transportation Bond Fund	800	0	0	0	0	0	0	0	800
2008 Multipurpose LTGO Bond Fund	3,962	0	0	0	0	0	0	0	3,962
2009 Multipurpose LTGO Bond Fund	15,131	0	0	0	0	0	0	0	15,131
2011 Multipurpose LTGO Bond Fund	5,215	35	0	0	0	0	0	0	5,250
Total*:	197,972	16,774	0	0	0	0	0	0	214,746
O & M Costs (Savings)			0	0	0	0	0	0	0

Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		338	0	0	0	0	0	0	338
Transportation Operating Fund		11,489	4,913	0	0	0	0	0	16,402
2011 Multipurpose LTGO Bond Fund		35	0	0	0	0	0	0	35
Total:		11,861	4,913	0	0	0	0	0	16,774

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

Arterial Major Maintenance

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC365940	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project repairs and/or replaces deteriorated pavement on arterial streets. Arterial Major Maintenance paving work typically spans one to three city blocks. It allows the City to respond quickly and cost effectively to pavement issues that are too large to be addressed with a pothole repair, yet are too small to be efficiently contracted. Project prioritization is based on pavement condition; cost; transit, bicycle, pedestrian and freight use; traffic volume; coordination opportunities; complaints and claims; and geographic balance across the city. The work extends the service life of existing pavement structures.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	14,584	146	0	0	0	0	0	0	14,730
Real Estate Excise Tax I	1,144	3,156	0	0	0	0	0	0	4,300
Street Vacations -CRSU	0	0	0	0	0	0	0	0	0
Street Vacations - SVF	0	0	295	0	0	0	0	0	295
Vehicle Licensing Fees	1,200	0	600	600	600	600	600	600	4,800
Transportation Funding Package - Parking Tax	1,961	1,650	1,355	1,650	1,650	1,650	1,650	1,650	13,216
Transportation Funding Package - Lid Lift	6,343	916	0	0	0	0	0	0	7,259
State Gas Taxes - Arterial City Street Fund	611	1	0	0	0	0	0	0	612
General Subfund Revenues	200	0	0	0	0	0	0	0	200
Rubble Yard Proceeds	3,850	0	0	0	0	0	0	0	3,850
Transportation Move Seattle Levy - Lid Lift	0	0	1,000	1,500	1,500	1,500	1,500	2,000	9,000
Total:	29,893	5,868	3,250	3,750	3,750	3,750	3,750	4,250	58,261
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	14,584	146	0	0	0	0	0	0	14,730
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,144	3,156	0	0	0	0	0	0	4,300
Cumulative Reserve Subfund - Street Vacation Subaccount	0	0	295	0	0	0	0	0	295
Transportation Operating Fund	14,165	2,567	2,955	3,750	3,750	3,750	3,750	4,250	38,937
Total*:	29,893	5,868	3,250	3,750	3,750	3,750	3,750	4,250	58,261
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Aurora Rapid Ride Improvements

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q3/2012
Project ID:	TC367220	**End Date:**	Q4/2017
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Northwest	**Urban Village:**	In more than one Urban Village

This project constructs numerous small and medium sized projects on Aurora Avenue between the Shoreline City Limits and Downtown Seattle to support Metro's new Rapid Ride service in that corridor. Most of the project costs will be reimbursed by Metro's Federal Transit Administration grant.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Federal Grant Funds	4,632	53	0	0	0	0	0	0	4,685
Transportation Funding Package - Parking Tax	30	2	0	0	0	0	0	0	32
Transportation Funding Package - Lid Lift	1,606	150	0	0	0	0	0	0	1,756
State Gas Taxes - Arterial City Street Fund	30	13	2	9	0	0	0	0	53
King County Funds	292	29	0	0	0	0	0	0	321
State Grant Funds	536	5	0	0	0	0	0	0	541
Total:	7,126	253	2	9	0	0	0	0	7,389
Fund Appropriations/Allocations									
Transportation Operating Fund	7,126	253	2	9	0	0	0	0	7,389
Total*:	7,126	253	2	9	0	0	0	0	7,389
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Transportation Operating Fund		237	17	9	0	0	0	0	263
Total:		237	17	9	0	0	0	0	263

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

Ballard to Downtown High Capacity Transit and Ship Canal Crossing Project

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2013
Project ID:	TC367390	**End Date:**	Q4/2016
Location:	Downtown Ballard/Downtown Seattle		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project will develop recommendations for implementation of high capacity transit alternatives between Ballard and Downtown Seattle. The project will build on the Ballard-Fremont-South Lake Union-Downtown corridor identified in the Transit Master Plan. The work will be done in conjunction with Sound Transit. The project will also develop conceptual designs and cost estimates for a new ship canal crossing for transit, pedestrians and bicycles.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Vehicle Licensing Fees	4	196	0	0	0	0	0	0	200
Transportation Funding Package - Lid Lift	0	54	0	0	0	0	0	0	54
General Subfund Revenues	517	29	0	0	0	0	0	0	546
Total:	522	278	0	0	0	0	0	0	800
Fund Appropriations/Allocations									
Transportation Operating Fund	522	278	0	0	0	0	0	0	800
Total*:	522	278	0	0	0	0	0	0	800
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Transportation Operating Fund		256	23	0	0	0	0	0	278
Total:		256	23	0	0	0	0	0	278

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

Bike Master Plan Implementation

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Improved Facility	**Start Date:**	ONGOING
Project ID:	TC366760	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program implements the Seattle Bicycle Master Plan. Typical improvements may include installing bike lanes and sharrows, bicycle route signing, completing key links in the urban trails network, adding bicycle/pedestrian signals to complete the network, and reconstructing key sections of the trails. The goals of the program are to increase bicycle safety and access, while reducing bicycle crashes. This program includes funding for street improvement and trail construction and is consistent with the focus in the City's Transportation Strategic Plan (TSP) on encouraging walking and biking.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	945	203	100	0	0	0	0	0	1,248
Real Estate Excise Tax I	0	400	0	0	0	0	0	0	400
Vehicle Licensing Fees	2,800	2,250	1,200	1,200	1,200	1,200	1,200	1,200	12,250
Federal Grant Funds	65	6,272	0	0	0	0	0	0	6,337
Transportation Funding Package - Parking Tax	442	1,223	0	0	0	0	0	0	1,665
Transportation Funding Package - Business Transportation Tax	2,227	0	0	0	0	0	0	0	2,227
Transportation Funding Package - Lid Lift	21,447	7,988	0	0	0	0	0	0	29,435
State Gas Taxes - Arterial City Street Fund	533	854	0	0	0	0	0	0	1,387
General Subfund Revenues	1,100	0	0	0	0	0	0	0	1,100
State Grant Funds	50	0	0	0	0	0	0	0	50
Rubble Yard Proceeds	346	0	0	0	0	0	0	0	346
Transportation Move Seattle Levy - Lid Lift	0	0	7,950	7,965	7,980	7,996	8,012	8,028	47,931
Total:	29,954	19,190	9,250	9,165	9,180	9,196	9,212	9,228	104,376
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	945	203	100	0	0	0	0	0	1,248
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	400	0	0	0	0	0	0	400
Transportation Operating Fund	29,010	18,587	9,150	9,165	9,180	9,196	9,212	9,228	102,728
Total*:	29,954	19,190	9,250	9,165	9,180	9,196	9,212	9,228	104,376
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	123	180	0	0	0	0	0	303
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	400	0	0	0	0	0	0	400
Transportation Operating Fund	17,116	10,621	9,165	9,180	9,196	9,212	9,228	73,718
Total:	17,640	10,801	9,165	9,180	9,196	9,212	9,228	74,421

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

Bike Share Expansion

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q1/2016
Project ID:	TC367690	**End Date:**	TBD
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

The project will expand the bikeshare system to 250 stations with 2,500 bikes. The proposed bikeshare fleet will include electric drive, pedal assist bikes (e-bikes). The expansion will increase the service area from 5 square miles of the city and 14% of the population to 42 square miles serving 62% of the population. E-bikes will help Seattleites and visitors traverse the many hills in the city and take longer trips. Expansion plans include stations throughout the city - connecting the two initial service areas, extending along major transit corridors, incorporating tourist centers and other sites with high pedestrian volumes, densifying throughout the core service areas, and, most importantly, serving more neighborhoods that need stronger connections to transit, jobs, and educational opportunities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
User Fees	0	0	5,000	0	0	0	0	0	5,000
Total:	0	0	5,000	0	0	0	0	0	5,000
Fund Appropriations/Allocations									
Transportation Operating Fund	0	0	5,000	0	0	0	0	0	5,000
Total*:	0	0	5,000	0	0	0	0	0	5,000

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Bridge Load Rating

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC365060	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project rates bridges for safe load-carrying capacity, as part of a federally-mandated program. The work on this project, performed by both City staff and consultants, ensures public safety. Additional funding was added to this program as of the 2015-2020 Proposed CIP due to new load rating standards for specialized hauling vehicles that were issued by the Federal Highway Administration on November 13, 2013. These new standards require an additional investment of $300,000 a year fo seven years (2015-2021).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	301	0	300	0	0	0	0	0	601
Vehicle Licensing Fees	200	0	0	0	0	0	0	0	200
Transportation Funding Package - Parking Tax	0	300	0	0	0	0	0	0	300
State Gas Taxes - Arterial City Street Fund	2,344	298	281	290	299	308	317	327	4,465
General Subfund Revenues	302	0	0	0	0	0	0	0	302
To be determined	0	0	0	300	300	300	300	300	1,500
Total:	3,148	598	581	590	599	608	617	627	7,368
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	301	0	300	0	0	0	0	0	601
Transportation Operating Fund	2,847	598	281	290	299	308	317	327	5,267
Total*:	3,148	598	581	290	299	308	317	327	5,868
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Bridge Painting Program

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC324900	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing asset preservation project provides for the periodic painting of each of the City's 20 structural steel bridges. The painting cycle is initially determined by applying Federal Highway Administration standards for coating life, and is supplemented by annual physical inspections to assess the actual rate of deterioration.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	20,260	4,080	2,135	2,135	2,135	2,135	2,135	2,135	37,150
Real Estate Excise Tax I	141	0	0	0	0	0	0	0	141
South Lake Union Property Sale Proceeds	91	0	0	0	0	0	0	0	91
Federal Grant Funds	180	0	0	0	0	0	0	0	180
Transportation Funding Package - Parking Tax	0	25	0	0	0	0	0	0	25
State Gas Taxes - Arterial City Street Fund	463	135	0	0	0	0	0	0	598
General Subfund Revenues	1,189	0	0	0	0	0	0	0	1,189
King County Funds	10	0	0	0	0	0	0	0	10
Rubble Yard Proceeds	300	0	0	0	0	0	0	0	300
Total:	22,634	4,240	2,135	2,135	2,135	2,135	2,135	2,135	39,684
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	20,260	4,080	2,135	2,135	2,135	2,135	2,135	2,135	37,150
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	141	0	0	0	0	0	0	0	141
Cumulative Reserve Subfund - South Lake Union Property Proceeds Subaccount	91	0	0	0	0	0	0	0	91
Transportation Operating Fund	2,142	160	0	0	0	0	0	0	2,302
Total*:	22,634	4,240	2,135	2,135	2,135	2,135	2,135	2,135	39,684
O & M Costs (Savings)			0	0	0	0	0	0	0

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Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,080	2,135	2,135	2,135	2,135	2,135	2,135	16,890
Transportation Operating Fund	160	0	0	0	0	0	0	160
Total:	4,240	2,135	2,135	2,135	2,135	2,135	2,135	17,050

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Bridge Rehabilitation and Replacement

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC366850	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project addresses the major maintenance backlog for the City's bridge infrastructure. Rehabilitation or replacement has been completed on Airport Way over Argo, 15th Avenue NE at NE 105th Street, 15th Ave. W Interchange, East Duwamish Waterway, Jose Rizal, East Marginal Way at Horton Street, NE 45th Street Viaduct. The Yesler Over 4th Avenue bridge is scheduled for maintenance in 2016.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total

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

Revenue Sources

Real Estate Excise Tax II	320	0	0	0	0	0	0	0	320
Street Vacations - SVF	0	0	676	177	0	0	0	0	853
Drainage and Wastewater Rates	182	0	0	0	0	0	0	0	182
Federal Grant Funds	6,136	6,375	0	5,000	3,000	0	0	0	20,511
Transportation Funding Package - Parking Tax	2,485	2	0	0	0	0	0	0	2,487
Transportation Funding Package - Business Transportation Tax	1,544	0	0	0	0	0	0	0	1,544
Transportation Funding Package - Lid Lift	1,195	1,645	0	0	0	0	0	0	2,840
City Light Fund Revenues	399	656	2,589	300	0	0	0	0	3,945
State Gas Taxes - Arterial City Street Fund	20	0	0	0	0	0	0	0	20
General Subfund Revenues	11	0	0	0	0	0	0	0	11
King County Funds	0	37	0	0	0	0	0	0	37
Public Works Trust Fund Proceeds	7,000	0	0	0	0	0	0	0	7,000
Private Funding/Donations	147	1,898	0	0	0	0	0	0	2,045
Water Rates	17	25	204	0	0	0	0	0	246
Transportation Move Seattle Levy - Lid Lift	0	0	3,000	6,000	18,300	0	0	0	27,300
Transportation Funding Package - Bonds	0	0	0	6,100	0	0	0	0	6,100
2008 Multipurpose LTGO Bond Fund	3,965	0	0	0	0	0	0	0	3,965
2009 Multipurpose LTGO Bond Fund	14,341	0	0	0	0	0	0	0	14,341
2010 Multipurpose LTGO Bond Fund	29,238	420	0	0	0	0	0	0	29,658
2011 Multipurpose LTGO bond Fund	291	2,456	0	0	0	0	0	0	2,748
2015 Multipurpose LTGO Bond Fund	0	5,104	0	0	0	0	0	0	5,104
Total:	67,292	18,618	6,469	17,577	21,300	0	0	0	131,256

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Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	320	0	0	0	0	0	0	0	320
Cumulative Reserve Subfund - Street Vacation Subaccount	0	0	676	177	0	0	0	0	853
Transportation Operating Fund	19,137	10,637	5,793	11,300	21,300	0	0	0	68,167
Transportation Bond Fund	0	0	0	6,100	0	0	0	0	6,100
2008 Multipurpose LTGO Bond Fund	3,965	0	0	0	0	0	0	0	3,965
2009 Multipurpose LTGO Bond Fund	14,341	0	0	0	0	0	0	0	14,341
2010 Multipurpose LTGO Bond Fund	29,238	420	0	0	0	0	0	0	29,658
2011 Multipurpose LTGO Bond Fund	291	2,456	0	0	0	0	0	0	2,748
2015 Multipurpose LTGO Bond Fund	0	5,104	0	0	0	0	0	0	5,104
Total*:	67,292	18,618	6,469	17,577	21,300	0	0	0	131,256
O & M Costs (Savings)			0	0	0	0	0	0	0

Spending Plan by Fund

Cumulative Reserve Subfund - Street Vacation Subaccount		0	676	177	0	0	0	0	853
Transportation Operating Fund		5,835	10,593	11,302	21,300	0	0	0	49,030
Transportation Bond Fund		0	0	6,100	0	0	0	0	6,100
2010 Multipurpose LTGO Bond Fund		420	0	0	0	0	0	0	420
2011 Multipurpose LTGO Bond Fund		2,456	0	0	0	0	0	0	2,456
2015 Multipurpose LTGO Bond Fund		4,219	883	2	0	0	0	0	5,104
Total:		12,930	12,152	17,582	21,300	0	0	0	63,964

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Bridge Rehabilitation and Replacement Phase II

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC367450	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project addresses the major maintenance backlog for the City's bridge infrastructure. The Post Alley bridge is scheduled for maintenance in 2015-2016.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	595	0	0	0	0	0	595
Street Vacations - SVF	0	0	571	0	0	0	0	0	571
Federal Grant Funds	0	0	1,438	0	0	0	0	0	1,438
Transportation Funding Package - Parking Tax	6	827	0	0	0	0	0	0	833
Transportation Move Seattle Levy - Lid Lift	0	0	0	0	2,250	0	0	0	2,250
2011 Multipurpose LTGO bond Fund	0	327	0	0	0	0	0	0	327
Total:	6	1,154	2,604	0	2,250	0	0	0	6,015
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	595	0	0	0	0	0	595
Cumulative Reserve Subfund - Street Vacation Subaccount	0	0	571	0	0	0	0	0	571
Transportation Operating Fund	6	827	1,438	0	2,250	0	0	0	4,521
2011 Multipurpose LTGO Bond Fund	0	327	0	0	0	0	0	0	327
Total*:	6	1,154	2,604	0	2,250	0	0	0	6,015
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	595	0	0	0	0	0	595
Cumulative Reserve Subfund - Street Vacation Subaccount		0	571	0	0	0	0	0	571
Transportation Operating Fund		827	1,438	0	2,250	0	0	0	4,515
2011 Multipurpose LTGO Bond Fund		327	0	0	0	0	0	0	327
Total:		1,154	2,604	0	2,250	0	0	0	6,008

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

Bridge Seismic - Phase III

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2013
Project ID:	TC367300	**End Date:**	Q4/2019
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

The program prioritizes and implements seismic upgrades to bridges based on traffic importance and seismic vulnerability. On the highest ranked bridges, conceptual level analysis is performed to develop a retrofit strategy and cost estimate. As funding allows, full retrofit design and construction phases are implemented. The project enhances the safety of City bridges in lieu of substantial rehabilitation or replacement.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Street Vacations - SVF	0	0	1,413	30	5	5	0	0	1,453
Federal Grant Funds	0	217	1,286	0	0	0	0	0	1,503
Transportation Funding Package - Parking Tax	0	18	0	0	0	0	0	0	18
Transportation Funding Package - Lid Lift	36	59	0	0	0	0	0	0	95
Transportation Move Seattle Levy - Lid Lift	0	0	4,000	4,000	6,000	6,000	10,100	10,100	40,200
2011 Multipurpose LTGO bond Fund	0	525	0	0	0	0	0	0	525
Total:	36	820	6,699	4,030	6,005	6,005	10,100	10,100	43,795
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Street Vacation Subaccount	0	0	1,413	30	5	5	0	0	1,453
Transportation Operating Fund	36	295	5,286	4,000	6,000	6,000	10,100	10,100	41,816
2011 Multipurpose LTGO Bond Fund	0	525	0	0	0	0	0	0	525
Total*:	36	820	6,699	4,030	6,005	6,005	10,100	10,100	43,795
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Street Vacation Subaccount		0	1,413	30	5	5	0	0	1,453
Transportation Operating Fund		295	5,286	4,000	6,000	6,000	10,100	10,100	41,780
2011 Multipurpose LTGO Bond Fund		525	0	0	0	0	0	0	525
Total:		820	6,699	4,030	6,005	6,005	10,100	10,100	43,759

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Bridge Seismic Retrofit Phase II

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC365810	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

The program prioritizes and implements seismic upgrades to bridges based on traffic importance and seismic vulnerability. On the highest ranked bridges, conceptual level analysis is performed to develop a retrofit strategy and cost estimate. As funding allows, full retrofit design and construction phases are implemented. The project enhances the safety of City bridges in lieu of substantial rehabilitation or replacement.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	150	0	0	0	0	0	0	0	150
Federal Grant Funds	2,901	0	0	0	0	0	0	0	2,901
Transportation Funding Package - Parking Tax	2,826	152	0	0	0	0	0	0	2,978
Transportation Funding Package - Business Transportation Tax	888	0	0	0	0	0	0	0	888
Transportation Funding Package - Lid Lift	5,031	157	0	0	0	0	0	0	5,188
City Light Fund Revenues	280	0	0	0	0	0	0	0	280
State Gas Taxes - Arterial City Street Fund	63	0	0	0	0	0	0	0	63
2008 Multipurpose LTGO Bond Fund	1,574	0	0	0	0	0	0	0	1,574
2010 Multipurpose LTGO Bond Fund	12,164	0	0	0	0	0	0	0	12,164
2011 Multipurpose LTGO bond Fund	10,192	0	0	0	0	0	0	0	10,192
Total:	36,068	309	0	0	0	0	0	0	36,377
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	150	0	0	0	0	0	0	0	150
Transportation Operating Fund	11,988	309	0	0	0	0	0	0	12,297
2008 Multipurpose LTGO Bond Fund	1,574	0	0	0	0	0	0	0	1,574
2010 Multipurpose LTGO Bond Fund	12,164	0	0	0	0	0	0	0	12,164
2011 Multipurpose LTGO Bond Fund	10,192	0	0	0	0	0	0	0	10,192
Total*:	36,068	309	0	0	0	0	0	0	36,377
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Spending Plan by Fund

Transportation Operating Fund	259	50	0	0	0	0	0	309
Total:	259	50	0	0	0	0	0	309

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

Broadway Streetcar Extension

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q3/2012
Project ID:	TC367240	**End Date:**	TBD
Location:	Broadway E/E Denny Way/E Roy ST		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	Capitol Hill

This project extends the First Hill Streetcar to the north end of Broadway (approximately Denny Way to Roy Street). The First Hill Streetcar line is currently under construction and will connect First Hill employment centers to the regional Link light rail system, including but not limited to the International District/Chinatown Station, and Capitol Hill Station at Broadway and John Street. This half-mile extension to the retail core of Broadway will reach a high density residential area with reliable frequent service (approximately 10 minute headways) mirroring the hours of operation of Link light rail system.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Street Vacations - SVF	69	281	395	0	0	0	0	0	745
Vehicle Licensing Fees	713	487	0	0	0	0	0	0	1,200
Federal Grant Funds	769	1,381	0	6,119	3,500	0	0	0	11,769
City Light Fund Revenues	0	45	375	0	0	0	0	0	420
Commercial Parking Tax	0	0	295	0	0	0	0	0	295
To be determined	0	0	0	8,700	7,060	0	0	0	15,760
Total:	1,551	2,194	1,065	14,819	10,560	0	0	0	30,189
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Street Vacation Subaccount	69	281	395	0	0	0	0	0	745
Transportation Operating Fund	1,482	1,913	670	6,119	3,500	0	0	0	13,684
Total*:	1,551	2,194	1,065	6,119	3,500	0	0	0	14,429
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Street Vacation Subaccount		0	395	0	0	0	0	0	395
Transportation Operating Fund		1,913	670	6,119	3,500	0	0	0	12,202
To Be Determined		0	0	8,700	7,060	0	0	0	15,760
Total:		1,913	1,065	14,819	10,560	0	0	0	28,357

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

Burke-Gilman Trail Extension

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q1/1995
Project ID:	TC364830	**End Date:**	TBD
Location:	Various		
Neighborhood Plan:	Crown Hill/Ballard	**Council District:**	6
Neighborhood District:	Ballard	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	1,723	0	0	0	0	0	0	0	1,723
Trail and Open Space Levy	594	40	0	0	0	0	0	0	635
Street Vacations -CRSU	380	0	0	0	0	0	0	0	380
Vehicle Licensing Fees	1,643	0	0	0	0	0	0	0	1,643
Drainage and Wastewater Rates	373	0	0	0	0	0	0	0	373
Federal Grant Funds	4,938	0	0	0	0	0	0	0	4,938
Transportation Funding Package - Parking Tax	0	700	0	0	0	0	0	0	700
Transportation Funding Package - Business Transportation Tax	458	0	0	0	0	0	0	0	458
Transportation Funding Package - Lid Lift	975	1,573	0	0	0	0	0	0	2,548
City Light Fund Revenues	369	0	0	0	0	0	0	0	369
State Gas Taxes - Arterial City Street Fund	918	0	0	0	0	0	0	0	918
General Subfund Revenues	495	176	0	0	0	0	0	0	672
King County Funds	150	0	0	0	0	0	0	0	150
Private Funding/Donations	880	0	0	0	0	0	0	0	880
Water Rates	224	0	0	0	0	0	0	0	224
Transportation Move Seattle Levy - Lid Lift	0	0	0	0	2,000	4,000	3,000	0	9,000
Transportation Bond Funds	384	0	0	0	0	0	0	0	384
Seattle Voter-Approved Levy	510	0	0	0	0	0	0	0	510
2009 Multipurpose LTGO Bond Fund	732	2	0	0	0	0	0	0	734
Seattle Voter-Approved Levy	247	3,403	0	0	0	0	0	0	3,650
Total:	15,993	5,895	0	0	2,000	4,000	3,000	0	30,888

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Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,723	0	0	0	0	0	0	0	1,723
Cumulative Reserve Subfund - Unrestricted Subaccount	594	40	0	0	0	0	0	0	635
Cumulative Reserve Subfund - Street Vacation Subaccount	380	0	0	0	0	0	0	0	380
Transportation Operating Fund	11,424	2,449	0	0	2,000	4,000	3,000	0	22,873
Transportation Bond Fund	384	0	0	0	0	0	0	0	384
2000 Parks Levy Fund	510	0	0	0	0	0	0	0	510
2009 Multipurpose LTGO Bond Fund	732	2	0	0	0	0	0	0	734
2008 Parks Levy Fund	247	3,403	0	0	0	0	0	0	3,650
Total*:	15,993	5,895	0	0	2,000	4,000	3,000	0	30,888
O & M Costs (Savings)			20	20	21	22	23	24	130

Spending Plan by Fund

Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	40	0	0	0	0	40
Transportation Operating Fund		838	964	648	2,000	4,000	3,000	0	11,449
2009 Multipurpose LTGO Bond Fund		2	0	0	0	0	0	0	2
2008 Parks Levy Fund		0	0	664	2,739	0	0	0	3,403
Total:		840	964	1,352	4,739	4,000	3,000	0	14,895

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Canton and Nord Alleys

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q2/2014
Project ID:	TC367540	**End Date:**	Q4/2016
Location:	Nord AL/S Main ST/S Jackson ST		
Neighborhood Plan:	In more than one Plan	**Council District:**	TBD
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

SDOT will pave the alleys, while community partners will manage the design, community outreach and construction of the lighting and beautification elements of the projects. The outcome of these projects will be a revitalized and safer pedestrian environment that engages both the community and businesses.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Federal Grant Funds	13	579	0	0	0	0	0	0	592
Private Funding/Donations	10	293	0	0	0	0	0	0	303
Total:	23	872	0	0	0	0	0	0	895
Fund Appropriations/Allocations									
Transportation Operating Fund	23	872	0	0	0	0	0	0	895
Total*:	23	872	0	0	0	0	0	0	895
Spending Plan by Fund									
Transportation Operating Fund		729	143	0	0	0	0	0	872
Total:		729	143	0	0	0	0	0	872

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

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

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q2/2015
Project ID:	TC367680	**End Date:**	TBD
Location:	S Spokane ST/Western AVE/E Marginal Way WAY		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	TBD
Neighborhood District:	Greater Duwamish	**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. A robust and reliable Intelligent Transportation System ensures that all modes of transportation can move through the City in a safe and sustainable manner.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Street Vacations -CRSU	0	1,300	0	0	0	0	0	0	1,300
Federal Grant Funds	0	4,011	0	0	0	0	0	0	4,011
Total:	0	5,311	0	0	0	0	0	0	5,311
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Street Vacation Subaccount	0	1,300	0	0	0	0	0	0	1,300
Transportation Operating Fund	0	4,011	0	0	0	0	0	0	4,011
Total*:	0	5,311	0	0	0	0	0	0	5,311
Spending Plan by Fund									
Cumulative Reserve Subfund - Street Vacation Subaccount		0	1,300	0	0	0	0	0	1,300
Transportation Operating Fund		0	4,011	0	0	0	0	0	4,011
Total:		0	5,311	0	0	0	0	0	5,311

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

Center City Streetcar Connector

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q2/2012
Project ID:	TC367210	**End Date:**	TBD
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

The Center City Connector is a 1.2 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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Street Vacations -CRSU	1,015	485	0	0	0	0	0	0	1,500
Vehicle Licensing Fees	605	3,320	0	0	0	0	0	0	3,925
Federal Grant Funds	855	45	0	0	0	0	0	0	900
Transportation Funding Package - Lid Lift	0	1,375	0	0	0	0	0	0	1,375
City Light Fund Revenues	0	75	75	1,500	0	0	0	0	1,650
To be determined	0	0	0	16,525	67,284	19,228	0	0	103,038
Total:	2,475	5,300	75	18,025	67,284	19,228	0	0	112,388
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,015	485	0	0	0	0	0	0	1,500
Transportation Operating Fund	1,461	4,814	75	1,500	0	0	0	0	7,850
Total*:	2,475	5,300	75	1,500	0	0	0	0	9,350
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Unrestricted Subaccount		485	0	0	0	0	0	0	485
Transportation Operating Fund		4,814	75	1,500	0	0	0	0	6,389
To Be Determined		0	0	16,525	67,284	19,228	0	0	103,038
Total:		5,300	75	18,025	67,284	19,228	0	0	109,913

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Cheshiahud Lake Union Trail Project

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2009
Project ID:	TC367070	**End Date:**	Q4/2019
Location:	Lake Union		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Lake Union	**Urban Village:**	South Lake Union

This project completes Fairview trail improvements and establishes the History Trail. The project addresses the challenges presented along the Fairview Avenues N and E corridors. This may include implementing a new separated bike/pedestrian path along Fairview Avenue N to the south of the old steam plant to Lake Union Park, and improving the shared route along Fairview Avenue E to the University Bridge. This will substantially complete the needed physical improvements along the trail. Three street-end parks will be improved through volunteer efforts. The Museum of History and Industry (MOHAI) and the Center for Wooden Boats (CWB) will implement interpretive elements for the History Trail. A cycle track will be constructed on Westlake Avenue North.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Trail and Open Space Levy	0	2,500	0	0	0	0	0	0	2,500
Federal Grant Funds	313	1,385	0	0	0	0	0	0	1,698
Transportation Funding Package - Lid Lift	0	100	0	0	0	0	0	0	100
Private Funding/Donations	34	0	0	0	0	0	0	0	34
2009 Multipurpose LTGO Bond Fund	1,006	0	0	0	0	0	0	0	1,006
To be determined	0	0	0	0	8	10	0	0	18
2011 Multipurpose LTGO bond Fund	417	783	0	0	0	0	0	0	1,200
Total:	1,771	4,768	0	0	8	10	0	0	6,557
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	2,500	0	0	0	0	0	0	2,500
Transportation Operating Fund	347	1,485	0	0	0	0	0	0	1,832
2009 Multipurpose LTGO Bond Fund	1,006	0	0	0	0	0	0	0	1,006
2011 Multipurpose LTGO Bond Fund	417	783	0	0	0	0	0	0	1,200
Total*:	1,771	4,768	0	0	0	0	0	0	6,539
O & M Costs (Savings)			0	20	21	22	23	24	110

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

Spending Plan by Fund

Cumulative Reserve Subfund - Unrestricted Subaccount	0	2,393	106	2	0	0	0	2,500
Transportation Operating Fund	1,300	185	0	0	0	0	0	1,485
To Be Determined	0	0	0	8	10	0	0	18
2011 Multipurpose LTGO Bond Fund	706	77	0	0	0	0	0	783
Total:	2,006	2,655	106	10	10	0	0	4,786

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Collision Evaluation Program

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	ONGOING
Project ID:	TC323860	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program identifies locations that have high numbers of collisions; performs reviews of high collision locations; identifies and designs improvements to enhance safety at these locations; and facilitates installation of these improvements. High collision locations identified include signalized and unsignalized intersections, mid-block locations, locations having high numbers of pedestrian collisions and locations having high numbers of bike collisions. Improvements identified by this program tend to be low-cost. They tend to involve signal modifications or changes to signs and striping.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Federal Grant Funds	255	1,054	0	0	0	0	0	0	1,310
Transportation Funding Package - Parking Tax	162	14	0	0	0	0	0	0	176
Transportation Funding Package - Business Transportation Tax	106	0	0	0	0	0	0	0	106
Transportation Funding Package - Lid Lift	367	51	0	0	0	0	0	0	418
State Gas Taxes - Arterial City Street Fund	0	72	116	119	121	124	127	130	809
Transportation Move Seattle Levy - Lid Lift	0	0	49	51	52	53	54	55	314
Total:	891	1,191	165	170	173	177	181	185	3,133
Fund Appropriations/Allocations									
Transportation Operating Fund	891	1,191	165	170	173	177	181	185	3,133
Total*:	891	1,191	165	170	173	177	181	185	3,133
O & M Costs (Savings)			0	0	0	0	0	0	0

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Columbia Two-Way Street Improvements

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q4/2014
Project ID:	TC367640	**End Date:**	Q4/2017
Location:	Columbia ST/1st AVE/3rd AVE		
Neighborhood Plan:	Commercial Core	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project consists of reconstructing Columbia between 1st & 3rd to a two-way roadway. Elements of the design and construction project will include, but is not limited to, pavement reconstruction/overlay, striping, signals, curb, sidewalk, drainage and other elements necessary to deliver a two-way roadway for transit.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	15	0	0	0	0	0	15
King County Funds	0	1,000	3,442	1,672	0	0	0	0	6,114
Total:	0	1,000	3,457	1,672	0	0	0	0	6,129
Fund Appropriations/Allocations									
Transportation Operating Fund	0	1,000	3,457	1,672	0	0	0	0	6,129
Total*:	0	1,000	3,457	1,672	0	0	0	0	6,129
Spending Plan by Fund									
Transportation Operating Fund		833	3,624	1,672	0	0	0	0	6,129
Total:		833	3,624	1,672	0	0	0	0	6,129

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

Debt Service - CRF

BCL/Program Name:	Debt Service Program	**BCL/Program Code:**	18002D
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC320060	**End Date:**	ONGOING
Location:	N/A		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	TBD
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project funds debt service for the following projects: Alaskan Way Viaduct/Tunnel & Seawall– TC366050 and Fremont Bridge Approaches and Electrical Major Maintenance – TC365790.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	18,669	1,367	1,348	1,306	812	814	815	815	25,946
2006 LTGO Bond	610	0	0	0	0	0	0	0	610
Total:	19,279	1,367	1,348	1,306	812	814	815	815	26,556
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	18,669	1,367	1,348	1,306	812	814	815	815	25,946
2006 LTGO Capital Projects Fund	610	0	0	0	0	0	0	0	610
Total*:	19,279	1,367	1,348	1,306	812	814	815	815	26,556
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		1,362	1,346	1,344	850	852	854	0	6,609
2006 LTGO Capital Projects Fund		0	0	0	0	0	0	0	0
Total:		1,362	1,346	1,344	850	852	854	0	6,609

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Delridge Multimodal Corridor

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2020
Project ID:	TC367810	**End Date:**	Q4/2021
Location:	Delridge AVE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Delridge	**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, people who walk, and general-purpose vehicles.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Transportation Move Seattle Levy - Lid Lift	0	0	0	0	0	0	5,000	5,000	10,000
Total:	0	0	0	0	0	0	5,000	5,000	10,000
Fund Appropriations/Allocations									
Transportation Operating Fund	0	0	0	0	0	0	5,000	5,000	10,000
Total*:	0	0	0	0	0	0	5,000	5,000	10,000

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Elliott Bay Seawall Project

BCL/Program Name:	Major Projects	**BCL/Program Code:**	19002
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2013
Project ID:	TC367320	**End Date:**	Q4/2018
Location:	Alaskan WAY/S Washington ST/Virginia ST		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	In more than one Urban Village

This project, created in 2013, is a critical public safety project to replace the existing seawall from S. Washington Street to Virginia Street with a structure that meets current safety and design standards. The project will also improve the nearshore ecosystem of Elliott Bay and provide opportunities for recreation and shoreline access. Costs incurred prior to 2013 are included in the Alaskan Way Viaduct Replacement project (TC66050).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	13,100	10,000	0	0	0	0	23,100
General Subfund Revenues	0	0	700	1,400	0	0	0	0	2,100
King County Funds	20,750	0	0	0	0	0	0	0	20,750
Commercial Parking Tax	0	2,750	0	0	0	0	0	0	2,750
Waterway Use Fee	0	0	750	0	0	0	0	0	750
2012 Multipurpose LTGO Bond Fund	2,800	0	0	0	0	0	0	0	2,800
Transportation Bond Funds	0	0	0	20,000	0	0	0	0	20,000
Seawall Levy	100,445	142,289	37,946	720	0	0	0	0	281,400
2016 Multipurpose LTGO Bond Fund	0	0	33,413	0	0	0	0	0	33,413
Total:	123,995	145,039	85,909	32,120	0	0	0	0	387,063
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	13,100	10,000	0	0	0	0	23,100
Transportation Operating Fund	20,750	2,750	1,450	1,400	0	0	0	0	26,350
2012 Multipurpose LTGO Bond Fund	2,800	0	0	0	0	0	0	0	2,800
Future Bond Funds	0	0	0	20,000	0	0	0	0	20,000
Alaskan Way Seawall Construction Fund	100,445	142,289	37,946	720	0	0	0	0	281,400
2016 Multipurpose LTGO Bond Fund	0	0	33,413	0	0	0	0	0	33,413
Total*:	123,995	145,039	85,909	32,120	0	0	0	0	387,063
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	13,100	10,000	0	0	0	0	23,100
Transportation Operating Fund	2,750	1,450	1,400	0	0	0	0	5,600
Future Bond Funds	0	0	20,000	0	0	0	0	20,000
Alaskan Way Seawall Construction Fund	142,289	37,946	720	0	0	0	0	180,955
2016 Multipurpose LTGO Bond Fund	0	33,413	0	0	0	0	0	33,413
Total:	145,039	85,909	32,120	0	0	0	0	263,068

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

Fauntleroy Way SW Boulevard

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2012
Project ID:	TC367200	**End Date:**	TBD
Location:	Fauntleroy WAY SW/35th AVE SW/SW Alaska ST		
Neighborhood Plan:	West Seattle Junction (FOJ)	**Council District:**	More than one
Neighborhood District:	Southwest	**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, including bicycle and pedestrian crossings, signals, reconfigured intersections and bulbs, and pavement improvements.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	758	721	0	0	0	0	0	0	1,479
Real Estate Excise Tax I	71	0	0	0	0	0	0	0	71
Street Vacations -CRSU	0	500	0	0	0	0	0	0	500
Transportation Funding Package - Parking Tax	0	200	0	0	0	0	0	0	200
Rubble Yard Proceeds	250	0	0	0	0	0	0	0	250
Transportation Move Seattle Levy - Lid Lift	0	0	7,000	7,000	2,000	0	0	0	16,000
Total:	1,079	1,421	7,000	7,000	2,000	0	0	0	18,500
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	758	721	0	0	0	0	0	0	1,479
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	71	0	0	0	0	0	0	0	71
Cumulative Reserve Subfund - Street Vacation Subaccount	0	500	0	0	0	0	0	0	500
Transportation Operating Fund	250	200	7,000	7,000	2,000	0	0	0	16,450
Total*:	1,079	1,421	7,000	7,000	2,000	0	0	0	18,500
O & M Costs (Savings)			0	0	0	0	0	0	0

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

First Hill Streetcar

BCL/Program Name:	Major Projects	**BCL/Program Code:**	19002
Project Type:	New Facility	**Start Date:**	Q2/2009
Project ID:	TC367100	**End Date:**	Q4/2015
Location:	Various		
Neighborhood Plan:	In more than one Plan	**Council District:**	7
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project constructs a modern, low-floor streetcar system connecting First Hill employment centers to the regional Link light rail system, including but not limited to the International District/Chinatown Station and the Capitol Hill Station (at Broadway and John Street). The system will provide reliable, frequent service with headways of approximately 10 minutes during peak periods. Service will operate 5 AM to 1 AM Monday through Saturday. On Sundays and holidays, service will operate 10 AM to 8 PM. A streetcar operations and maintenance facility and procurement of a six-vehicle streetcar fleet is also included in the scope of the project.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Transportation Funding Package - Parking Tax	0	2,518	0	0	0	0	0	0	2,518
Sound Transit Funds	126,242	6,538	0	0	0	0	0	0	132,780
Total:	126,242	9,056	0	0	0	0	0	0	135,298
Fund Appropriations/Allocations									
Transportation Operating Fund	126,242	9,056	0	0	0	0	0	0	135,298
Total*:	126,242	9,056	0	0	0	0	0	0	135,298
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Freight Spot Improvement Program

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2004
Project ID:	TC365850	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project includes small scale mobility improvements to the City's street system to improve connections between port facilities, railroad intermodal yards, industrial businesses, the regional highway system, and the first and last miles in the supply chain. Project types include turning radius adjustments, channelization changes, left-turn improvements, and signage to direct freight to destinations and alert drivers to steep grades or sharp turns.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	127	0	0	0	0	0	0	0	127
Street Vacations -CRSU	0	256	0	0	0	0	0	0	256
State Gas Taxes - Arterial City Street Fund	1,478	0	0	0	0	0	0	0	1,478
Rubble Yard Proceeds	650	265	0	0	0	0	0	0	916
Total:	2,255	521	0	0	0	0	0	0	2,777
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	127	0	0	0	0	0	0	0	127
Cumulative Reserve Subfund - Street Vacation Subaccount	0	256	0	0	0	0	0	0	256
Transportation Operating Fund	2,128	265	0	0	0	0	0	0	2,394
Total*:	2,255	521	0	0	0	0	0	0	2,777
O & M Costs (Savings)			0	0	0	0	0	0	0

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Graham Street Station

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2016
Project ID:	TC367780	**End Date:**	Q4/2020
Location:			
Neighborhood Plan:	Columbia City/Hillman City	**Council District:**	2
Neighborhood District:	Southeast	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Transportation Move Seattle Levy - Lid Lift	0	0	500	500	1,000	4,000	4,000	0	10,000
Total:	0	0	500	500	1,000	4,000	4,000	0	10,000
Fund Appropriations/Allocations									
Transportation Operating Fund	0	0	500	500	1,000	4,000	4,000	0	10,000
Total*:	0	0	500	500	1,000	4,000	4,000	0	10,000

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Greenwood Avenue Sidewalks

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	TC367530	**End Date:**	Q4/2016
Location:	Greenwood AVE N/NW 92nd ST/NW 105th ST		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	TBD
Neighborhood District:	Northwest	**Urban Village:**	Not in an Urban Village

The project encompasses consolidation and relocation of bus stops, construction of bus islands (to retain the bike lanes in each direction), continuous curb, gutter and sidewalk on the east side, drainage improvements,.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	270	0	0	0	0	0	0	270
Street Vacations -CRSU	0	17	0	0	0	0	0	0	17
Transportation Funding Package - Parking Tax	0	500	0	0	0	0	0	0	500
Transportation Funding Package - Business Transportation Tax	0	81	0	0	0	0	0	0	81
Transportation Funding Package - Lid Lift	418	1,412	0	0	0	0	0	0	1,830
State Gas Taxes - City Street Fund	0	35	0	0	0	0	0	0	35
State Grant Funds	76	724	0	0	0	0	0	0	800
Total:	494	3,039	0	0	0	0	0	0	3,533
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	270	0	0	0	0	0	0	270
Cumulative Reserve Subfund - Street Vacation Subaccount	0	17	0	0	0	0	0	0	17
Transportation Operating Fund	494	2,752	0	0	0	0	0	0	3,246
Total*:	494	3,039	0	0	0	0	0	0	3,533
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Street Vacation Subaccount		0	0	0	0	0	0	0	0
Transportation Operating Fund		2,719	320	0	0	0	0	0	3,039
Total:		2,719	320	0	0	0	0	0	3,039

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Hazard Mitigation Program - Areaways

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC365480	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Pioneer Square	**Council District:**	More than one
Neighborhood District:	Downtown	**Urban Village:**	Pioneer Square

This ongoing program implements inspection and repair of areaways to reduce risks to City facilities and the general public. Areaways are usable space, generally in the street right-of-way, constructed under sidewalks between a building foundation and the street wall. Typical improvements may include, but are not limited to, repairs to the existing areaway and/or filling the areaway with lightweight concrete. Improving these areaways is an action included in the South Downtown Strategic Plan.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	4,399	960	329	330	331	332	333	334	7,348
Federal Grant Funds	442	0	0	0	0	0	0	0	442
City Light Fund Revenues	19	0	0	0	0	0	0	0	19
State Gas Taxes - Arterial City Street Fund	0	56	16	24	32	40	48	56	272
General Subfund Revenues	240	0	0	0	0	0	0	0	240
Private Funding/Donations	10	0	0	0	0	0	0	0	10
State Grant Funds	74	0	0	0	0	0	0	0	74
Total:	5,184	1,016	345	354	363	372	381	390	8,404
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,399	960	329	330	331	332	333	334	7,348
Transportation Operating Fund	784	56	16	24	32	40	48	56	1,056
Total*:	5,184	1,016	345	354	363	372	381	390	8,404
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		532	757	330	331	332	333	334	2,949
Transportation Operating Fund		0	72	24	32	40	48	56	272
Total:		532	829	354	363	372	381	390	3,221

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Hazard Mitigation Program - Landslide Mitigation Projects

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC365510	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	4,943	271	200	200	200	200	200	200	6,414
Emergency Subfund Revenues	395	0	0	0	0	0	0	0	395
Drainage and Wastewater Rates	49	0	0	0	0	0	0	0	49
Federal Grant Funds	1,301	0	0	0	0	0	0	0	1,301
State Gas Taxes - Arterial City Street Fund	1,246	333	220	227	240	253	266	273	3,058
General Subfund Revenues	1	0	0	0	0	0	0	0	1
Private Funding/Donations	22	0	0	0	0	0	0	0	22
User Fees	0	300	925	0	0	0	0	0	1,225
Total:	7,957	904	1,345	427	440	453	466	473	12,465
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,943	271	200	200	200	200	200	200	6,414
Emergency Subfund	395	0	0	0	0	0	0	0	395
Transportation Operating Fund	2,619	633	1,145	227	240	253	266	273	5,656
Total*:	7,957	904	1,345	427	440	453	466	473	12,465
O & M Costs (Savings)			0	0	0	0	0	0	0

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Heavy Haul Corridor Program

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2016
Project ID:	TC367590	**End Date:**	TBD
Location:	E Marginal WAY		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Greater Duwamish	**Urban Village:**	Not in an Urban Village

This project includes mobility improvements to the City's street system to support heavy haul freight mobility between port facilities and railroad intermodal yards. The project may include adding an additional layer of concrete on East Marginal Way South to support the increased weight of vehicles traveling on the road. The total project cost is estimated to be from $3 to $4 million. The 2016 amount represents the City's contribution to the project. The remaining amount is expected to come from the Port of Seattle.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
Transportation Move Seattle Levy - Lid Lift	0	0	0	0	2,000	3,000	0	0	5,000
Total:	0	0	0	0	2,000	3,000	0	0	5,000
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Transportation Operating Fund	0	0	0	0	2,000	3,000	0	0	5,000
Total*:	0	0	0	0	2,000	3,000	0	0	5,000

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Lake Union Ship Canal Trail

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q1/1990
Project ID:	TC327000	**End Date:**	Q2/2016
Location:	W Nickerson St/6th Ave W/15th Ave W		
Neighborhood Plan:	Queen Anne	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Ballard Interbay

This project completes Phase II of a multi-use trail extending from the Fremont Bridge to Fisherman's Terminal, just west of 15th Avenue NW. Phase II begins at Sixth Avenue W, extends westward for about 0.75 miles, and is largely within, or adjacent to, a railroad right-of-way. This trail segment is a critical "missing link" in an urban and regional trails system that, when completed, will make it possible to bicycle almost exclusively on dedicated trails from Redmond to downtown Seattle.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	557	0	0	0	0	0	0	0	557
Drainage and Wastewater Rates	86	0	0	0	0	0	0	0	86
Federal Grant Funds	3,867	0	0	0	0	0	0	0	3,867
Transportation Funding Package - Lid Lift	258	0	0	0	0	0	0	0	258
City Light Fund Revenues	30	0	0	0	0	0	0	0	30
State Gas Taxes - Arterial City Street Fund	160	0	0	0	0	0	0	0	160
Interagency Commission on Outdoor Recreation Grants	585	0	0	0	0	0	0	0	585
King County Voter-Approved Debt	2,054	0	0	0	0	0	0	0	2,054
Seattle Voter-Approved Levy	1,018	30	0	0	0	0	0	0	1,048
2009 Multipurpose LTGO Bond Fund	1,019	0	0	0	0	0	0	0	1,019
Total:	9,635	30	0	0	0	0	0	0	9,665
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	557	0	0	0	0	0	0	0	557
Transportation Operating Fund	4,987	0	0	0	0	0	0	0	4,987
Open Spaces & Trails Bond Fund	2,054	0	0	0	0	0	0	0	2,054
2000 Parks Levy Fund	1,018	30	0	0	0	0	0	0	1,048
2009 Multipurpose LTGO Bond Fund	1,019	0	0	0	0	0	0	0	1,019
Total*:	9,635	30	0	0	0	0	0	0	9,665
O & M Costs (Savings)			20	20	21	22	23	24	130

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Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0
2000 Parks Levy Fund	20	10	0	0	0	0	0	30
Total:	20	10	0	0	0	0	0	30

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Linden Avenue North Complete Streets

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2008
Project ID:	TC366930	**End Date:**	Q4/2016
Location:	Linden Ave N/N 128th St/N 145th St		
Neighborhood Plan:	Broadview-Bitter Lake-Haller Lake	**Council District:**	5
Neighborhood District:	Northwest	**Urban Village:**	Bitter Lake Village

This project constructs road improvements on Linden Avenue North from N 128th Street to N 145th Street. Improvements include, but are not limited to concrete sidewalks, curb and gutters, pedestrian crossings and curb ramps, buffered bicycle lanes, and asphalt road replacement. The improvements will provide pedestrian, drainage and roadway improvements, and complete the final link in the Interurban Trail North.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	730	0	0	0	0	0	0	0	730
Street Vacations -CRSU	400	18	0	0	0	0	0	0	418
Transportation Funding Package - Parking Tax	1,603	0	0	0	0	0	0	0	1,603
City Light Fund Revenues	74	0	0	0	0	0	0	0	74
State Gas Taxes - Arterial City Street Fund	0	10	0	0	0	0	0	0	10
2011 Multipurpose LTGO bond Fund	1,436	19	0	0	0	0	0	0	1,455
2012 Multipurpose LTGO Bond Fund	5,085	0	0	0	0	0	0	0	5,085
Total:	9,328	47	0	0	0	0	0	0	9,375
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	730	0	0	0	0	0	0	0	730
Cumulative Reserve Subfund - Street Vacation Subaccount	400	18	0	0	0	0	0	0	418
Transportation Operating Fund	1,677	10	0	0	0	0	0	0	1,687
2011 Multipurpose LTGO Bond Fund	1,436	19	0	0	0	0	0	0	1,455
2012 Multipurpose LTGO Bond Fund	5,085	0	0	0	0	0	0	0	5,085
Total*:	9,328	47	0	0	0	0	0	0	9,375
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Street Vacation Subaccount	18	0	0	0	0	0	0	18
Transportation Operating Fund	10	0	0	0	0	0	0	10
2011 Multipurpose LTGO Bond Fund	19	0	0	0	0	0	0	19
2012 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
Total:	47	0	0	0	0	0	0	47

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Madison Street Bus Rapid Transit

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q1/2013
Project ID:	TC367480	**End Date:**	Q4/2016
Location:	Madison ST/Alaskan WAY/Martin Luther King Junior WAY E		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project will include concept design and environmental review of high-capacity transit and multimodal improvements in the Madison corridor between Alaskan Way and Martin Luther King Jr. Way, connecting the Central Area with the First Hill, Downtown, and Waterfront neighborhoods. The project is identified as a priority in the Transit Master Plan. This project will consider different electric trolley bus rapid transit options in determining the most effective approach to transit service within the project area.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	150	0	0	0	0	0	0	150
Vehicle Licensing Fees	0	1,000	0	0	0	0	0	0	1,000
Transportation Funding Package - Lid Lift	336	519	0	0	0	0	0	0	855
Interdepartmental Transfer	5	0	0	0	0	0	0	0	5
Transportation Move Seattle Levy - Lid Lift	0	0	2,300	2,200	5,500	5,000	0	0	15,000
Total:	341	1,669	2,300	2,200	5,500	5,000	0	0	17,010
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	150	0	0	0	0	0	0	150
Transportation Operating Fund	341	1,519	2,300	2,200	5,500	5,000	0	0	16,860
Total*:	341	1,669	2,300	2,200	5,500	5,000	0	0	17,010
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		83	67	0	0	0	0	0	150
Transportation Operating Fund		917	2,902	2,200	5,500	5,000	0	0	16,519
Total:		1,000	2,969	2,200	5,500	5,000	0	0	16,669

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Magnolia Bridge Replacement Project

BCL/Program Name:	Major Projects	**BCL/Program Code:**	19002
Project Type:	New Facility	**Start Date:**	Q1/2002
Project ID:	TC366060	**End Date:**	TBD
Location:	W Garfield St/15th Ave W/Thorndyke Ave W		
Neighborhood Plan:	BINMIC (Ballard Interbay Northend)	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Ballard Interbay

The environmental analysis for replacing this bridge evaluated several possible alternatives including rehabilitation of the existing structure. In 2007, an environmental assessment was published and described the preferred alternative, a new bridge south of and adjacent to the existing bridge. The Type, Size and Location (TS&L) Report was completed in 2007, selecting a concrete box girder supported on flared columns as the appropriate structure type for this new bridge. The structure will be a haunched concrete box at the highly visible section of the bridge over 15th Avenue NW and at the westerly high level bluff section. Current available funds will only allow completion of 50% of the design and contract plans. Funding to complete the design, purchase the necessary right-of-way, and construct the new bridge has not been identified. The estimate to complete the project is $300-350 million.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	339	0	0	0	0	0	0	0	339
Street Vacations -CRSU	40	0	0	0	0	0	0	0	40
Vehicle Licensing Fees	100	0	0	0	0	0	0	0	100
Federal Grant Funds	8,950	0	0	0	0	0	0	0	8,950
Transportation Funding Package - Parking Tax	211	0	0	0	0	0	0	0	211
Transportation Funding Package - Business Transportation Tax	84	0	0	0	0	0	0	0	84
Transportation Funding Package - Lid Lift	131	33	0	0	0	0	0	0	164
State Gas Taxes - Arterial City Street Fund	114	14	0	0	0	0	0	0	128
General Subfund Revenues	53	0	0	0	0	0	0	0	53
To be determined	0	33	0	0	0	0	0	0	33
Total:	10,021	80	0	0	0	0	0	0	10,101
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	339	0	0	0	0	0	0	0	339
Cumulative Reserve Subfund - Street Vacation Subaccount	40	0	0	0	0	0	0	0	40
Transportation Operating Fund	9,642	47	0	0	0	0	0	0	9,689
Total*:	10,021	47	0	0	0	0	0	0	10,068
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Market / 45th Multimodal Corridor

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2019
Project ID:	TC367790	**End Date:**	Q4/2021
Location:	NW Market ST/N 45th ST		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project enhances transit speed and reliability on one of the city's primary east-west corridors and most chronically congested routes. The project adds intelligent transportation systems such as transit signal priority to improve bus travel times. It installs upgrades to transit stops and offers other rider amenities and enhances connections to northwest Seattle as well as the Ballard-Interbay Manufacturing Industrial Center.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Transportation Move Seattle Levy - Lid Lift	0	0	0	0	0	1,500	5,000	3,500	10,000
Total:	0	0	0	0	0	1,500	5,000	3,500	10,000
Fund Appropriations/Allocations									
Transportation Operating Fund	0	0	0	0	0	1,500	5,000	3,500	10,000
Total*:	0	0	0	0	0	1,500	5,000	3,500	10,000

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

Mercer Corridor Project

BCL/Program Name:	Major Projects	**BCL/Program Code:**	19002
Project Type:	New Facility	**Start Date:**	Q1/1999
Project ID:	TC365500	**End Date:**	Q4/2018
Location:	Mercer St/Fairview Ave N/Dexter Ave N		
Neighborhood Plan:	South Lake Union	**Council District:**	TBD
Neighborhood District:	Lake Union	**Urban Village:**	In more than one Urban Village

This project, part of the Bridging the Gap funding package, implements a comprehensive package of transportation improvements in the Mercer Corridor in South Lake Union. Improvements include, but are not limited to, a widened two-way Mercer St., improved pedestrian safety and access to Lake Union Park, and enhanced neighborhood circulation for all modes. The project aims to use existing street capacity more efficiently and enhance all modes of travel, including pedestrian mobility.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	361	0	0	0	0	0	0	0	361
South Lake Union Property Sale Proceeds	50	0	0	0	0	0	0	0	50
Drainage and Wastewater Rates	1,780	0	0	0	0	0	0	0	1,780
Federal Grant Funds	10,598	0	0	0	0	0	0	0	10,598
Transportation Funding Package - Parking Tax	2,594	0	0	0	0	0	0	0	2,594
City Light Fund Revenues	6,261	0	0	0	0	0	0	0	6,261
State Gas Taxes - Arterial City Street Fund	1,150	0	0	0	0	0	0	0	1,150
General Subfund Revenues	194	0	0	0	0	0	0	0	194
Private Funding/Donations	29,942	522	0	0	0	0	0	0	30,464
Water Rates	2,129	0	0	0	0	0	0	0	2,129
Federal ARRA Funds: FHWA Highway Infrastructure Investment	30,000	0	0	0	0	0	0	0	30,000
2005 LTGO Bond	1,912	0	0	0	0	0	0	0	1,912
Transportation Bond Funds	4,560	0	0	0	0	0	0	0	4,560
2002B LTGO Bond	400	0	0	0	0	0	0	0	400
2003 LTGO Bond	600	0	0	0	0	0	0	0	600
2006 LTGO Bond	2,500	0	0	0	0	0	0	0	2,500
2007 Multipurpose LTGO Bond	16,300	0	0	0	0	0	0	0	16,300
2008 Multipurpose LTGO Bond Fund	38,211	0	0	0	0	0	0	0	38,211
Total:	149,541	522	0	0	0	0	0	0	150,063

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

Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	361	0	0	0	0	0	0	0	361
Cumulative Reserve Subfund - South Lake Union Property Proceeds Subaccount	50	0	0	0	0	0	0	0	50
Transportation Operating Fund	84,647	522	0	0	0	0	0	0	85,169
2005 LTGO Capital Project Fund	1,912	0	0	0	0	0	0	0	1,912
Transportation Bond Fund	4,560	0	0	0	0	0	0	0	4,560
2002B LTGO Capital Project Fund	400	0	0	0	0	0	0	0	400
2003 LTGO Capital Project Fund	600	0	0	0	0	0	0	0	600
2006 LTGO Capital Projects Fund	2,500	0	0	0	0	0	0	0	2,500
2007 Multipurpose LTGO Bond Fund	16,300	0	0	0	0	0	0	0	16,300
2008 Multipurpose LTGO Bond Fund	38,211	0	0	0	0	0	0	0	38,211
Total*:	149,541	522	0	0	0	0	0	0	150,063
O & M Costs (Savings)			0	0	0	0	0	0	0

Spending Plan by Fund

Transportation Operating Fund		292	190	20	20	0	0	0	522
Total:		292	190	20	20	0	0	0	522

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Mercer Corridor Project West Phase

BCL/Program Name:	Major Projects	**BCL/Program Code:**	19002
Project Type:	New Facility	**Start Date:**	Q1/2010
Project ID:	TC367110	**End Date:**	Q4/2018
Location:	Mercer ST/Elliot AVE W/Dexter AVE N		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project converts Mercer Street to a two-way street between Dexter Ave and Elliott Ave West. The Mercer underpass at Aurora Ave will be widened to allow for six travel lanes and a bicycle/pedestrian shared use path between Dexter Ave and 5th Ave North. Roy Street, between Fifth Ave N and Queen Anne Ave, will also be converted to a two-way street with on-road bicycle lanes.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Street Vacations -CRSU	0	4,000	0	0	0	0	0	0	4,000
Drainage and Wastewater Rates	902	154	0	0	0	0	0	0	1,056
Federal Grant Funds	6,642	1,508	0	0	0	0	0	0	8,150
City Light Fund Revenues	2,625	1,109	0	0	0	0	0	0	3,733
King County Funds	985	100	0	0	0	0	0	0	1,085
State Grant Funds	3,221	2,798	0	0	0	0	0	0	6,018
Property Sales and Interest Earnings	8,203	13,990	3,909	50	40	0	0	0	26,193
Water Rates	386	454	0	0	0	0	0	0	840
Federal ARRA Funds: FHWA Highway Infrastructure Investment	11,709	2,291	0	0	0	0	0	0	14,000
Rubble Yard Proceeds	100	0	0	0	0	0	0	0	100
2010 Multipurpose LTGO Bond Fund	12,100	0	0	0	0	0	0	0	12,100
2011 Multipurpose LTGO bond Fund	13,110	0	0	0	0	0	0	0	13,110
2012 Multipurpose LTGO Bond Fund	5,000	0	0	0	0	0	0	0	5,000
Total:	64,982	26,404	3,909	50	40	0	0	0	95,385
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	4,000	0	0	0	0	0	0	4,000
Transportation Operating Fund	34,771	22,404	3,909	50	40	0	0	0	61,174
2010 Multipurpose LTGO Bond Fund	12,100	0	0	0	0	0	0	0	12,100
2011 Multipurpose LTGO Bond Fund	13,110	0	0	0	0	0	0	0	13,110
2012 Multipurpose LTGO Bond Fund	5,000	0	0	0	0	0	0	0	5,000
Total*:	64,982	26,404	3,909	50	40	0	0	0	95,385

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O & M Costs (Savings)		0	0	0	0	0	0	0
Spending Plan by Fund								
Cumulative Reserve Subfund - Unrestricted Subaccount	4,000	0	0	0	0	0	0	4,000
Transportation Operating Fund	20,440	5,873	50	40	0	0	0	26,403
Total:	24,440	5,873	50	40	0	0	0	30,403

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Miscellaneous, Unforeseen, and Emergencies

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC320030	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program provides a financial reserve for work that cannot be anticipated during the annual CIP planning process. The reserve is used on a project-specific basis when emergencies are identified.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	388	0	0	0	0	0	0	0	388
Street Vacations -CRSU	1,128	0	0	0	0	0	0	0	1,128
Federal Grant Funds	73	0	0	0	0	0	0	0	73
Transportation Funding Package - Parking Tax	18	0	0	0	0	0	0	0	18
Transportation Funding Package - Lid Lift	34	0	0	0	0	0	0	0	34
State Gas Taxes - Arterial City Street Fund	339	0	0	0	0	0	0	0	339
General Subfund Revenues	305	0	0	0	0	0	0	0	305
Private Funding/Donations	214	10	0	0	0	0	0	0	224
Total:	2,499	10	0	0	0	0	0	0	2,509
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	388	0	0	0	0	0	0	0	388
Cumulative Reserve Subfund - Street Vacation Subaccount	1,128	0	0	0	0	0	0	0	1,128
Transportation Operating Fund	983	10	0	0	0	0	0	0	993
Total*:	2,499	10	0	0	0	0	0	0	2,509
O & M Costs (Savings)			0	0	0	0	0	0	0

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Mountains to Sound Greenway Trail

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q2/2000
Project ID:	TC365750	**End Date:**	Q4/2016
Location:	TP-28 4th Ave. S/S Royal Brougham Way		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	TBD
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This project designs and constructs the trail connection from the trail terminus at 12th Ave S and South Charles St to the east approach of Holgate I-5 overpass. Work includes paving the trail, installing a crosswalk, landscaping, lighting, and appropriate directional and regulatory signs.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Street Vacations -CRSU	45	0	0	0	0	0	0	0	45
Federal Grant Funds	135	0	0	0	0	0	0	0	135
City Light Fund Revenues	127	0	0	0	0	0	0	0	127
State Gas Taxes - Arterial City Street Fund	23	0	0	0	0	0	0	0	23
Seattle Voter-Approved Levy	1,320	104	0	0	0	0	0	0	1,424
Total:	1,650	104	0	0	0	0	0	0	1,754
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Street Vacation Subaccount	45	0	0	0	0	0	0	0	45
Transportation Operating Fund	285	0	0	0	0	0	0	0	285
2000 Parks Levy Fund	1,320	104	0	0	0	0	0	0	1,424
Total*:	1,650	104	0	0	0	0	0	0	1,754
O & M Costs (Savings)			20	20	21	22	23	24	130
Spending Plan by Fund									
2000 Parks Levy Fund		94	10	0	0	0	0	0	104
Total:		94	10	0	0	0	0	0	104

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Multi-Modal Corridor Development

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	TC367490	**End Date:**	Q3/2016
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project provides preliminary planning, engineering and outreach for potential capital project improvements on multi-modal corridors. Program elements include project scoping, cost estimating, traffic studies, coordination and integration with the public, and resolution of City modal plan recommendations (pedestrian, bicycle, freight and transit). In 2014, the proposed corridors for development are Beacon Avenue, Lake City Way, Greenwood Avenue, East Marginal Way, and Delridge Way. These corridors align with existing efforts, such as transit program improvements and corridor planning, and needs. Candidate corridors for 2015 are Yesler Way, 1st Avenue, and Aurora Avenue.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Transportation Funding Package - Parking Tax	88	1,487	0	0	0	0	0	0	1,575
General Subfund Revenues	0	100	0	0	0	0	0	0	100
Total:	88	1,587	0	0	0	0	0	0	1,675
Fund Appropriations/Allocations									
Transportation Operating Fund	88	1,587	0	0	0	0	0	0	1,675
Total*:	88	1,587	0	0	0	0	0	0	1,675
Spending Plan by Fund									
Transportation Operating Fund		1,524	63	0	0	0	0	0	1,587
Total:		1,524	63	0	0	0	0	0	1,587

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Neighborhood Large Projects

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	ONGOING
Project ID:	TC367250	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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 Neighborhood Street Fund is funded by the Bridging the Gap (BTG) transportation levy and is a triennial program. The projects funded are identified by the community and prioritized by the District Councils and the BTG Oversight Committee.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	440	0	0	0	0	0	0	440
Federal Grant Funds	67	245	0	0	0	0	0	0	312
Transportation Funding Package - Parking Tax	0	82	0	0	0	0	0	0	82
Transportation Funding Package - Lid Lift	1,474	4,362	0	0	0	0	0	0	5,836
Private Funding/Donations	11	49	0	0	0	0	0	0	60
Transportation Move Seattle Levy - Lid Lift	0	0	2,675	2,675	2,675	2,675	2,675	2,675	16,050
Total:	1,552	5,179	2,675	2,675	2,675	2,675	2,675	2,675	22,781
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	440	0	0	0	0	0	0	440
Transportation Operating Fund	1,552	4,739	2,675	2,675	2,675	2,675	2,675	2,675	22,341
Total*:	1,552	5,179	2,675	2,675	2,675	2,675	2,675	2,675	22,781
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		192	248	0	0	0	0	0	440
Transportation Operating Fund		4,656	2,754	2,677	2,677	2,675	2,675	2,675	20,789
Total:		4,849	3,001	2,677	2,677	2,675	2,675	2,675	21,229

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Neighborhood Traffic Control Program

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	ONGOING
Project ID:	TC323250	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program installs traffic calming devices citywide, primarily neighborhood traffic circles, in response to investigations of citizen requests. The program also installs some mid-block traffic calming devices such as speed humps, as well as residential street speed limit signs and warning signs.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	165	431	0	0	0	0	0	0	596
Property Sales and Interest Earnings	253	0	0	0	0	0	0	0	253
Vehicle Licensing Fees	1,423	10	298	298	298	298	298	298	3,221
Federal Grant Funds	37	0	0	0	0	0	0	0	37
State Gas Taxes - Arterial City Street Fund	4,386	0	0	0	0	0	0	0	4,386
General Subfund Revenues	384	0	0	0	0	0	0	0	384
Rubble Yard Proceeds	593	13	0	0	0	0	0	0	606
Total:	7,241	454	298	298	298	298	298	298	9,483
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	165	431	0	0	0	0	0	0	596
Cumulative Reserve Subfund - Unrestricted Subaccount	253	0	0	0	0	0	0	0	253
Transportation Operating Fund	6,823	23	298	298	298	298	298	298	8,634
Total*:	7,241	454	298	298	298	298	298	298	9,483
O & M Costs (Savings)			0	0	0	0	0	0	0

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New Traffic Signals

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	ONGOING
Project ID:	TC367700	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project installs new traffic signals or significant capital improvements to existing signals to improve traffic flow, reduce the frequency and severity of traffic collisions, and support pedestrian, bicycle or transit activity. Location choices are based upon pedestrian, bicycle and vehicle volumes; school, senior citizen, and handicapped accessible crossing requirements; transit speed and reliability; and collisions frequency criteria.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Transportation Funding Package - Parking Tax	0	0	116	119	123	128	132	135	753
Transportation Move Seattle Levy - Lid Lift	0	0	382	396	404	412	420	428	2,441
Total:	0	0	498	515	527	540	552	563	3,194
Fund Appropriations/Allocations									
Transportation Operating Fund	0	0	498	515	527	540	552	563	3,194
Total*:	0	0	498	515	527	540	552	563	3,194
Spending Plan by Fund									
Transportation Operating Fund		0	498	515	527	540	552	563	3,195
Total:		0	498	515	527	540	552	563	3,195

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Next Generation Intelligent Transportation Systems (ITS)

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Investment	**Start Date:**	Q3/2013
Project ID:	TC367430	**End Date:**	Q4/2018
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project will design and implement upgrades to the Traffic Management Center (TMC); implement expansion of real-time information such as traffic cameras, sensors, and travel time to support major construction projects; deploy Dynamic Messaging Signs (DMS) at key decision points to provide real-time information such as incidents, travel times, bridge opening notices, and planned construction and event information; and install dynamic signal timing (self adjusting traffic signal timing based on traffic volume on key corridors around the major construction projects). This project also includes replacing the City's traffic cameras; this requires an investment of $600,000 per year for four years (2015-2018).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	928	2,422	800	0	0	0	0	0	4,150
Transportation Funding Package - Parking Tax	9	1,091	500	0	0	0	0	0	1,600
Transportation Funding Package - Lid Lift	414	2,066	0	0	0	0	0	0	2,480
User Fees	0	500	1,000	0	0	0	0	0	1,500
Transportation Move Seattle Levy - Lid Lift	0	0	4,200	4,200	4,200	2,000	2,000	200	16,800
Total:	1,351	6,079	6,500	4,200	4,200	2,000	2,000	200	26,530
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	928	2,422	800	0	0	0	0	0	4,150
Transportation Operating Fund	423	3,657	5,700	4,200	4,200	2,000	2,000	200	22,380
Total*:	1,351	6,079	6,500	4,200	4,200	2,000	2,000	200	26,530
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		2,322	900	0	0	0	0	0	3,222
Transportation Operating Fund		3,657	5,700	4,200	4,200	2,000	2,000	200	21,957
Total:		5,979	6,600	4,200	4,200	2,000	2,000	200	25,179

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Non-Arterial Asphalt Street Resurfacing

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC323920	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project repairs and/or replaces deteriorated asphalt pavement on non-arterial streets. Project locations are chosen annually, based upon the degree of deterioration as confirmed by Department staff field observation, 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. This project is being combined with TC323160-Non-Arterial Concrete Rehabilitation into a new project TC367710-Non-Arterial Street Resurfacing and Restoration.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	2,751	1,560	0	0	0	0	0	0	4,311
Real Estate Excise Tax I	674	116	0	0	0	0	0	0	790
Transportation Funding Package - Business Transportation Tax	115	0	0	0	0	0	0	0	115
State Gas Taxes - Arterial City Street Fund	1,342	257	0	0	0	0	0	0	1,599
Total:	4,882	1,933	0	0	0	0	0	0	6,815
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,751	1,560	0	0	0	0	0	0	4,311
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	674	116	0	0	0	0	0	0	790
Transportation Operating Fund	1,457	257	0	0	0	0	0	0	1,714
Total*:	4,882	1,933	0	0	0	0	0	0	6,815
O & M Costs (Savings)			0	0	0	0	0	0	0

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Non-Arterial Concrete Rehabilitation

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC323160	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project replaces deteriorated concrete street panels citywide, addressing concrete pavement defects that cannot be corrected with a simple pothole repair. Project locations are chosen annually based upon the degree of deterioration as confirmed by Department staff field observation, citizen service requests, claims, and potential City liability.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	2,714	743	0	0	0	0	0	0	3,457
Real Estate Excise Tax I	0	450	0	0	0	0	0	0	450
Vehicle Licensing Fees	300	0	0	0	0	0	0	0	300
Transportation Funding Package - Business Transportation Tax	247	3	0	0	0	0	0	0	250
State Gas Taxes - Arterial City Street Fund	1,923	270	0	0	0	0	0	0	2,193
Total:	5,184	1,466	0	0	0	0	0	0	6,650
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,714	743	0	0	0	0	0	0	3,457
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	450	0	0	0	0	0	0	450
Transportation Operating Fund	2,470	273	0	0	0	0	0	0	2,743
Total*:	5,184	1,466	0	0	0	0	0	0	6,650
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		743	0	0	0	0	0	0	743
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		450	0	0	0	0	0	0	450
Transportation Operating Fund		273	0	0	0	0	0	0	273
Total:		1,466	0	0	0	0	0	0	1,466

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

Non-Arterial Street Resurfacing and Restoration

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC367710	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project repairs and/or replaces deteriorated asphalt pavement and/or concrete panels on non-arterial streets. Project locations are chosen annually based upon the degree of deterioration as confirmed by Department staff field observations, citizen service requests, claims, and potential City liability. High priority is given to non-arterial streets used by transit, in areas with heavy pedestrian and bicycle traffic, and which serve business and industry.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	650	1,150	1,150	1,150	1,150	1,150	6,400
Street Vacations - SVF	0	0	500	0	0	0	0	0	500
Vehicle Licensing Fees	0	0	150	150	150	150	150	150	900
State Gas Taxes - Arterial City Street Fund	0	0	410	421	433	466	488	492	2,710
Total:	0	0	1,710	1,721	1,733	1,766	1,788	1,792	10,510
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	650	1,150	1,150	1,150	1,150	1,150	6,400
Cumulative Reserve Subfund - Street Vacation Subaccount	0	0	500	0	0	0	0	0	500
Transportation Operating Fund	0	0	560	571	583	616	638	642	3,610
Total*:	0	0	1,710	1,721	1,733	1,766	1,788	1,792	10,510

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NSF/CRS Neighborhood Program

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC365770	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program has two elements: an annual program that identifies projects estimated less than $100,000 that are prioritized by each of the 13 district councils. 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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	12,655	2,091	1,793	0	0	0	0	0	16,539
Real Estate Excise Tax I	257	0	0	0	0	0	0	0	257
Street Vacations -CRSU	0	46	0	0	0	0	0	0	46
Vehicle Licensing Fees	100	0	0	0	0	0	0	0	100
Federal Grant Funds	661	0	0	0	0	0	0	0	661
Transportation Funding Package - Parking Tax	1,008	0	0	0	0	0	0	0	1,008
Transportation Funding Package - Lid Lift	9,103	202	0	0	0	0	0	0	9,305
State Gas Taxes - Arterial City Street Fund	2,118	110	205	303	312	321	331	340	4,040
General Subfund Revenues	1,951	337	0	0	0	0	0	0	2,288
State Grant Funds	134	0	0	0	0	0	0	0	134
Total:	27,987	2,786	1,998	303	312	321	331	340	34,378
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	12,655	2,091	1,793	0	0	0	0	0	16,539
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	257	0	0	0	0	0	0	0	257
Cumulative Reserve Subfund - Street Vacation Subaccount	0	46	0	0	0	0	0	0	46
Transportation Operating Fund	15,074	649	205	303	312	321	331	340	17,535
Total*:	27,987	2,786	1,998	303	312	321	331	340	34,378
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,355	2,529	0	0	0	0	0	3,884
Cumulative Reserve Subfund - Street Vacation Subaccount	46	0	0	0	0	0	0	46
Transportation Operating Fund	649	205	303	312	321	331	340	2,461
Total:	2,050	2,734	303	312	321	331	340	6,391

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

Overlook Walk and East-West Connections Project

BCL/Program Name:	Major Projects	**BCL/Program Code:**	19002
Project Type:	New Investment	**Start Date:**	Q1/2013
Project ID:	TC367630	**End Date:**	Q4/2020
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

Removing the Alaskan Way Viaduct provides the opportunity for the City to improve key connections between the downtown core and the waterfront. The specific east/west streets targeted for improving connections include: Bell Street, Union Street, Pike Street, Pine Street, Main Street, Washington Street, and Railroad Way. In addition to these east/west street connections, the waterfront improvement program also includes Overlook Walk, which would provide a pedestrian oriented connection between the waterfront, the Aquarium and Pike Place Market with ADA access, views, and public open spaces. This project is part of the overall waterfront improvement program.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Private Funding/Donations	0	0	0	0	12,500	19,175	19,220	0	50,895
User Fees	0	0	1,605	0	0	0	0	0	1,605
Commercial Parking Tax	0	0	0	0	0	0	0	0	0
To be determined	0	0	0	1,390	1,145	9,420	1,870	360	14,185
Transportation Bond Funds	0	0	0	1,905	1,150	3,100	0	0	6,155
Interfund Loan	0	1,000	0	0	0	0	0	0	1,000
Local Improvement District Bonds	0	0	0	15,486	27,008	49,886	7,834	580	100,794
2015 Multipurpose LTGO Bond Fund	0	1,379	0	0	0	0	0	0	1,379
Total:	0	2,379	1,605	18,781	41,803	81,581	28,924	940	176,013
Fund Appropriations/Allocations									
Transportation Operating Fund	0	0	1,605	0	12,500	19,175	19,220	0	52,500
Future Bond Funds	0	0	0	1,905	1,150	3,100	0	0	6,155
Waterfront Lid Lift	0	1,000	0	15,486	27,008	49,886	7,834	580	101,794
2015 Multipurpose LTGO Bond Fund	0	1,379	0	0	0	0	0	0	1,379
Total*:	0	2,379	1,605	17,391	40,658	72,161	27,054	580	161,828
Spending Plan by Fund									
Transportation Operating Fund		0	1,605	0	12,500	19,175	19,220	0	52,500
To Be Determined		0	0	1,390	1,145	9,420	1,870	360	14,185
Future Bond Funds		0	0	1,905	1,150	3,100	0	0	6,155
Waterfront Lid Lift		1,000	0	15,486	27,008	49,886	7,834	580	101,794
2015 Multipurpose LTGO Bond Fund		830	549	0	0	0	0	0	1,379
Total:		1,830	2,154	18,781	41,803	81,581	28,924	940	176,013

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

Pavement Microsurfacing

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC367610	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program funds the microsurfacing of streets. Microsurfacing creates a protective layer which preserves the underlying structure and prevents the need for more expensive repairs in the future. It extends the life of the pavement from seven to ten years.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	500	0	0	0	0	0	500
Transportation Funding Package - Parking Tax	0	2,500	0	0	0	0	0	0	2,500
General Subfund Revenues	0	0	2,000	0	0	0	0	0	2,000
Total:	0	2,500	2,500	0	0	0	0	0	5,000
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	500	0	0	0	0	0	500
Transportation Operating Fund	0	2,500	2,000	0	0	0	0	0	4,500
Total*:	0	2,500	2,500	0	0	0	0	0	5,000

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Pay Stations

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Investment	**Start Date:**	Q1/2004
Project ID:	TC366350	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project funds the installation of parking pay stations to manage on-street parking. To date, this project has installed over 2,200 pay stations citywide. In future years, funding requirements for new installations will be identified as parking plans are developed. The oldest of the pay stations reached the end of their ten-year lifecycle in 2014. Replacement of older pay stations with new units has begun and should be complete in 2016.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Subfund Revenues	429	5,459	0	0	0	0	0	0	5,888
2005 LTGO Bond	10,313	0	0	0	0	0	0	0	10,313
2007 Multipurpose LTGO Bond	3,400	0	0	0	0	0	0	0	3,400
2008 Multipurpose LTGO Bond Fund	2,175	0	0	0	0	0	0	0	2,175
2010 Multipurpose LTGO Bond Fund	2,026	0	0	0	0	0	0	0	2,026
2016 Multipurpose LTGO Bond Fund	0	0	9,086	0	0	0	0	0	9,086
Total:	18,343	5,459	9,086	0	0	0	0	0	32,888
Fund Appropriations/Allocations									
Transportation Operating Fund	429	5,459	0	0	0	0	0	0	5,888
2005 LTGO Capital Project Fund	10,313	0	0	0	0	0	0	0	10,313
2007 Multipurpose LTGO Bond Fund	3,400	0	0	0	0	0	0	0	3,400
2008 Multipurpose LTGO Bond Fund	2,175	0	0	0	0	0	0	0	2,175
2010 Multipurpose LTGO Bond Fund	2,026	0	0	0	0	0	0	0	2,026
2016 Multipurpose LTGO Bond Fund	0	0	9,086	0	0	0	0	0	9,086
Total*:	18,343	5,459	9,086	0	0	0	0	0	32,888
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Transportation Operating Fund		4,884	575	0	0	0	0	0	5,459
2016 Multipurpose LTGO Bond Fund		0	9,086	0	0	0	0	0	9,086
Total:		4,884	9,661	0	0	0	0	0	14,545

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Pedestrian Master Plan - New Sidewalks

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q1/2015
Project ID:	TC367600	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project enhances the pedestrian environment in Seattle's neighborhoods by dedicating funding to construct new sidewalks. The New Sidewalk Program draws funding from the School Safety Traffic and Pedestrian Improvement (SSTPI) Fund to improve sidewalks and the pedestrian environment near schools. Additional funding is drawn from other sources to pay for new sidewalk construction that are not in a Seattle Public School walk zone.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	4,107	0	0	0	0	0	0	4,107
Vehicle Licensing Fees	0	0	1,223	0	0	0	0	0	1,223
Transportation Funding Package - Parking Tax	0	0	1,276	0	0	0	0	0	1,276
General Subfund Revenues	0	0	1,591	0	0	0	0	0	1,591
State Grant Funds	0	600	0	0	0	0	0	0	600
Transportation Move Seattle Levy - Lid Lift	0	0	1,000	0	0	0	0	0	1,000
School Camera Ticket Revenues	0	2,548	4,233	0	0	0	0	0	6,781
10% Red Light Camera Revenue	0	0	409	0	0	0	0	0	409
Total:	0	7,255	9,732	0	0	0	0	0	16,986
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	4,107	0	0	0	0	0	0	4,107
Transportation Operating Fund	0	600	5,090	0	0	0	0	0	5,690
School Safety Traffic and Pedestrian Improvement Fund	0	2,548	4,642	0	0	0	0	0	7,190
Total*:	0	7,255	9,732	0	0	0	0	0	16,986
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		3,698	409	0	0	0	0	0	4,107
Transportation Operating Fund		600	5,091	0	0	0	0	0	5,691
School Safety Traffic and Pedestrian Improvement Fund		2,548	4,642	0	0	0	0	0	7,190
Total:		6,846	10,141	0	0	0	0	0	16,987

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Pedestrian Master Plan - School Safety

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	ONGOING
Project ID:	TC367170	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project improves pedestrian and bicycle safety around schools. The work may include: school zone signing; crosswalk, curb bulb, and sidewalk maintenance; changes to traffic circulation around schools; installation of school zone cameras; school walking route maps; and, bike parking at schools. The base level of transportation funding provides improvements at approximately three to four schools per year. A separate operations and maintenance budget funds safe biking and walking education and outreach campaigns at the schools where improvements are made as well as the maintenance of school zone warning beacons. Operation of school zone cameras is directly funded from the Seattle Police Department budget.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	3,227	1,094	0	0	0	0	0	0	4,321
Federal Grant Funds	871	1,666	0	0	0	0	0	0	2,537
Transportation Funding Package - Lid Lift	3,474	212	0	0	0	0	0	0	3,686
General Subfund Revenues	320	0	0	0	0	0	0	0	320
State Grant Funds	281	73	0	0	0	0	0	0	353
Transportation Move Seattle Levy - Lid Lift	0	0	800	800	800	800	800	800	4,800
School Camera Ticket Revenues	2,000	2,921	756	4,409	3,991	3,990	3,989	4,089	26,145
Total:	10,173	5,966	1,556	5,209	4,791	4,790	4,789	4,889	42,162
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,227	1,094	0	0	0	0	0	0	4,321
Transportation Operating Fund	4,945	1,951	800	800	800	800	800	800	11,697
School Safety Traffic and Pedestrian Improvement Fund	2,000	2,921	756	4,409	3,991	3,990	3,989	4,089	26,145
Total*:	10,173	5,966	1,556	5,209	4,791	4,790	4,789	4,889	42,162
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		1,094	0	0	0	0	0	0	1,094
Transportation Operating Fund		1,951	800	800	800	800	800	800	6,751
School Safety Traffic and Pedestrian Improvement Fund		1,893	1,784	4,409	3,991	3,990	3,989	4,089	24,145
Total:		4,938	2,584	5,209	4,791	4,790	4,789	4,889	31,990

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Pedestrian Master Plan Implementation

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2010
Project ID:	TC367150	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program implements the Pedestrian Master Plan. Typical improvements may include the installation of curb ramps at high priority pedestrian locations, the installation of pedestrian lighting, and the rehabilitation or replacement of stairways. The goals of the program are to reduce the number and severity of crashes involving pedestrians; make Seattle a more walkable city for all through equity in public engagement, service delivery, accessibility, and capital investments; develop a pedestrian environment that sustains healthy communities and supports a vibrant economy; and raise awareness of the important role of walking in promoting health and preventing disease.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	8,060	4,563	49	49	49	49	49	49	12,917
Real Estate Excise Tax I	580	0	0	0	0	0	0	0	580
Vehicle Licensing Fees	899	10	157	1,380	1,380	1,380	1,380	1,380	7,966
Transportation Funding Package - Parking Tax	6,246	63	0	1,323	1,363	1,403	1,445	1,482	13,325
Transportation Funding Package - Business Transportation Tax	456	19	0	0	0	0	0	0	475
Transportation Funding Package - Lid Lift	14,993	3,069	0	0	0	0	0	0	18,062
State Gas Taxes - Arterial City Street Fund	4,118	350	424	357	365	376	387	397	6,774
General Subfund Revenues	599	12	0	0	0	0	0	0	611
Private Funding/Donations	0	5	0	0	0	0	0	0	5
State Grant Funds	890	653	0	0	0	0	0	0	1,543
Rubble Yard Proceeds	531	0	0	0	0	0	0	0	531
Transportation Move Seattle Levy - Lid Lift	0	0	5,550	9,350	9,410	9,471	9,532	9,594	52,906
2011 Multipurpose LTGO bond Fund	1,191	0	0	0	0	0	0	0	1,191
Total:	38,563	8,743	6,180	12,459	12,567	12,679	12,793	12,902	116,886

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

Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	8,060	4,563	49	49	49	49	49	49	12,917
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	580	0	0	0	0	0	0	0	580
Transportation Operating Fund	28,733	4,180	6,131	12,410	12,518	12,630	12,744	12,853	102,198
2011 Multipurpose LTGO Bond Fund	1,191	0	0	0	0	0	0	0	1,191
Total*:	38,563	8,743	6,180	12,459	12,567	12,679	12,793	12,902	116,886
O & M Costs (Savings)			0	0	0	0	0	0	0

Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		3,505	1,107	49	49	49	49	49	4,857
Transportation Operating Fund		4,180	6,131	12,410	12,518	12,630	12,744	12,853	73,466
2011 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
Total:		7,685	7,239	12,459	12,567	12,679	12,793	12,902	78,323

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

Railroad Crossing Signal Improvements

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2009
Project ID:	TC367090	**End Date:**	Q4/2015
Location:	Broad St B/Alaskan Way/Elliott Ave		
Neighborhood Plan:	Commercial Core	**Council District:**	TBD
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project provides railroad crossing gates and flashing lights at key railroad crossings in the Seattle Waterfront Quiet Zone: at Broad Street, Clay Street, Vine Street and Wall Street. By federal law, without these improvements, trains must sound their horn whenever they approach the crossings. The gates and flashing lights will be installed by Burlington Northern Santa Fe (BNSF) Railroad and SDOT will install other elements including curbs and signage. In addition, SDOT will install improvements for bicycle access to the Olympic Sculpture Park and Myrtle Edwards Park at the intersection of Alaskan Way and Broad Street.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Street Vacations -CRSU	2,675	843	0	0	0	0	0	0	3,519
Total:	2,675	843	0	0	0	0	0	0	3,519
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Street Vacation Subaccount	2,675	843	0	0	0	0	0	0	3,519
Total*:	2,675	843	0	0	0	0	0	0	3,519
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Rainier/Jackson Multimodal Corridor

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2016
Project ID:	TC367770	**End Date:**	Q4/2020
Location:	Rainier AVE/Jackson ST		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project enhances transit speed and reliability, as well as improving the bus rider experience along a critical transit corridor. The project will upgrade bus stops and add transit signal priority at intersections, improve facilities for people who walk along the corridor, leverage paving investments and extend the useful life of the existing roadway.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Transportation Move Seattle Levy - Lid Lift	0	0	2,000	0	1,500	3,000	2,500	0	9,000
Total:	0	0	2,000	0	1,500	3,000	2,500	0	9,000
Fund Appropriations/Allocations									
Transportation Operating Fund	0	0	2,000	0	1,500	3,000	2,500	0	9,000
Total*:	0	0	2,000	0	1,500	3,000	2,500	0	9,000

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

Retaining Wall Repair and Restoration

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC365890	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project covers the in-house crew work involved in repairing or reconstructing retaining walls. The repairs are needed to reduce interference with adjoining sidewalks and roadways.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	2,559	441	212	212	212	212	212	212	4,272
Real Estate Excise Tax I	286	0	0	0	0	0	0	0	286
Transportation Funding Package - Parking Tax	231	469	0	0	0	0	0	0	700
State Gas Taxes - Arterial City Street Fund	479	0	0	0	0	0	0	0	479
General Subfund Revenues	696	0	0	0	0	0	0	0	696
Transportation Bond Funds	130	0	0	0	0	0	0	0	130
Total:	4,381	910	212	212	212	212	212	212	6,563
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,559	441	212	212	212	212	212	212	4,272
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	286	0	0	0	0	0	0	0	286
Transportation Operating Fund	1,407	469	0	0	0	0	0	0	1,875
Transportation Bond Fund	130	0	0	0	0	0	0	0	130
Total*:	4,381	910	212	212	212	212	212	212	6,563
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		192	462	212	212	212	212	212	1,713
Transportation Operating Fund		469	0	0	0	0	0	0	469
Total:		660	462	212	212	212	212	212	2,182

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

Roosevelt Multimodal Corridor

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2013
Project ID:	TC367380	**End Date:**	Q4/2016
Location:	Eastlake AVE/Stewart ST/NE 65th ST		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project will develop and implement a range of transit and street improvements in the Eastlake Avenue corridor connecting the University District, Eastlake and South Lake Union neighborhoods between Downtown and the Roosevelt Link LRT station area. The corridor is identified as a priority in the Transit Master Plan. This project will identify, prioritize, design and construct the highest priority "speed and reliability" improvements to existing bus service without excluding the potential for longer-term implementation of High Capacity Transit options. The project will also consider an improved ROW profile to best accommodate the corridor's multi-modal demands, along with the recommendations reflected in each of the City's adopted modal transportation plans and the respective neighborhood plans.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	350	0	0	0	0	0	0	350
Street Vacations -CRSU	0	650	0	0	0	0	0	0	650
Transportation Funding Package - Parking Tax	44	577	0	0	0	0	0	0	621
Transportation Move Seattle Levy - Lid Lift	0	0	2,000	0	0	0	0	1,500	3,500
Total:	44	1,577	2,000	0	0	0	0	1,500	5,121
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	350	0	0	0	0	0	0	350
Cumulative Reserve Subfund - Unrestricted Subaccount	0	650	0	0	0	0	0	0	650
Transportation Operating Fund	44	577	2,000	0	0	0	0	1,500	4,121
Total*:	44	1,577	2,000	0	0	0	0	1,500	5,121
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		350	0	0	0	0	0	0	350
Cumulative Reserve Subfund - Unrestricted Subaccount		123	527	0	0	0	0	0	650
Transportation Operating Fund		577	2,000	0	0	0	0	1,500	4,077
Total:		1,050	2,527	0	0	0	0	1,500	5,077

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

Route 40 Northgate to Downtown Transit Improvements

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2016
Project ID:	TC367820	**End Date:**	TBD
Location:			
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project will design and construct transit speed and reliability improvements and upgraded bus stop passenger facilities. Improvements to the route, which connects Downtown, South Lake Union, Fremont, Ballard, and Northgate, will support conversion to RapidRide service by partner agency King County Metro.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Transportation Move Seattle Levy - Lid Lift	0	0	500	0	0	0	1,500	5,000	7,000
Total:	0	0	500	0	0	0	1,500	5,000	7,000
Fund Appropriations/Allocations									
Transportation Operating Fund	0	0	500	0	0	0	1,500	5,000	7,000
Total*:	0	0	500	0	0	0	1,500	5,000	7,000

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

S Lander St. Grade Separation

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q1/2001
Project ID:	TC366150	**End Date:**	TBD
Location:	S Lander St/1st Ave S/4th Ave S		
Neighborhood Plan:	Duwamish	**Council District:**	2
Neighborhood District:	Greater Duwamish	**Urban Village:**	Not in an Urban Village

This project develops a grade separation of the S Lander St. roadway and the Burlington Northern mainline railroad tracks between First Avenue S and Fourth Avenue S. Previously, City staff evaluated traffic conditions and identified an initial design concept. During the preliminary engineering phase of the project, a consultant conducted a Type, Size, and Location study to develop more detailed plans and cost estimates. The project design recommenced in November of 2006, and in January of 2007, survey, geotechnical, and scoping of the design work began. Design was put on hold in 2008 due to lack of funding. The estimated cost to design and construct this project is $180-$200 million.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Vehicle Licensing Fees	35	0	0	0	0	0	0	0	35
Federal Grant Funds	100	0	0	0	0	0	0	0	100
State Gas Taxes - Arterial City Street Fund	185	0	0	0	0	0	0	0	185
2008 Multipurpose LTGO Bond Fund	2,213	0	0	0	0	0	0	0	2,213
Total:	2,533	0	0	0	0	0	0	0	2,533
Fund Appropriations/Allocations									
Transportation Operating Fund	320	0	0	0	0	0	0	0	320
2008 Multipurpose LTGO Bond Fund	2,213	0	0	0	0	0	0	0	2,213
Total*:	2,533	0	0	0	0	0	0	0	2,533
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Safety and Maintenance Project

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q3/2013
Project ID:	TC367520	**End Date:**	TBD
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project provides additional funding for high priority safety and street maintenance projects. Funds allocated to this project may be used for safety and maintenance projects that are within the scopes of the following existing SDOT capital projects: Neighborhood Traffic Control Program (TC323250), New Traffic Signals (TC323610), Pedestrian Master Plan - School Safety (TC367170), Pedestrian Master Plan Implementation (TC367150), and Freight Spot Improvement Program (TC365850).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	200	0	0	0	0	0	0	200
Federal Grant Funds	0	400	0	0	0	0	0	0	400
Transportation Funding Package - Parking Tax	34	1,542	0	0	0	0	0	0	1,576
General Subfund Revenues	19	529	0	0	0	0	0	0	548
Total:	53	2,671	0	0	0	0	0	0	2,724
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	200	0	0	0	0	0	0	200
Transportation Operating Fund	53	2,471	0	0	0	0	0	0	2,524
Total*:	53	2,671	0	0	0	0	0	0	2,724
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	200	0	0	0	0	0	200
Transportation Operating Fund		1,965	506	0	0	0	0	0	2,471
Total:		1,965	706	0	0	0	0	0	2,671

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

Sidewalk Safety Repair

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC365120	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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. In 2014-16, $2.0 million of Sidewalk Safety Repair funding is dedicated to the 23rd Avenue Corridor Improvement project. The dollars are budgeted directly in the 23rd Avenue project.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	3,361	850	0	0	0	0	0	0	4,212
Real Estate Excise Tax I	247	0	0	0	0	0	0	0	247
Vehicle Licensing Fees	70	0	0	0	0	0	0	0	70
Transportation Funding Package - Lid Lift	13,444	990	0	0	0	0	0	0	14,434
State Gas Taxes - Arterial City Street Fund	217	68	0	0	0	0	0	0	285
General Subfund Revenues	3	0	0	0	0	0	0	0	3
Private Funding/Donations	27	0	0	0	0	0	0	0	27
Transportation Move Seattle Levy - Lid Lift	0	0	1,500	1,530	1,561	1,592	1,624	1,656	9,462
Total:	17,369	1,908	1,500	1,530	1,561	1,592	1,624	1,656	28,740
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,361	850	0	0	0	0	0	0	4,212
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	247	0	0	0	0	0	0	0	247
Transportation Operating Fund	13,761	1,058	1,500	1,530	1,561	1,592	1,624	1,656	24,281
Total*:	17,369	1,908	1,500	1,530	1,561	1,592	1,624	1,656	28,740
O & M Costs (Savings)			0	0	0	0	0	0	0

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Signal Major Maintenance

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC367580	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project addresses major work related to the basic infrastructure at traffic signals such as poles, span wires, mast arms, wiring, equipment interconnectivity, video equipment and cabinets to improve and upgrade the traffic signal system. The project also is used for replacement of signal cabinets. In addition, this project will rebuild approximately 10 additional signals in 2016. The expected life of a signal is 30 years; at this time there are more than 1,000 signals within the City.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	0	1,013	0	0	0	0	0	1,013
Transportation Funding Package - Parking Tax	0	0	635	651	667	684	701	719	4,057
Transportation Move Seattle Levy - Lid Lift	0	0	825	842	858	875	893	911	5,204
Total:	0	0	2,473	1,493	1,526	1,560	1,594	1,630	10,275
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	1,013	0	0	0	0	0	1,013
Transportation Operating Fund	0	0	1,460	1,493	1,526	1,560	1,594	1,630	9,262
Total*:	0	0	2,473	1,493	1,526	1,560	1,594	1,630	10,275

Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	1,013	0	0	0	0	0	1,013
Transportation Operating Fund		0	1,460	1,493	1,526	1,560	1,594	1,630	9,263
Total:		0	2,473	1,493	1,526	1,560	1,594	1,630	10,276

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Sound Transit - East Link

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q3/2013
Project ID:	TC367410	**End Date:**	Q4/2023
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Sound Transit Funds	38	315	0	0	0	3	70	72	497
Total:	38	315	0	0	0	3	70	72	497
Fund Appropriations/Allocations									
Transportation Operating Fund	38	315	0	0	0	3	70	72	497
Total*:	38	315	0	0	0	3	70	72	497
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Transportation Operating Fund		60	62	64	66	68	70	72	460
Total:		60	62	64	66	68	70	72	460

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

Sound Transit - University Link

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q1/2009
Project ID:	TC367040	**End Date:**	Q4/2016
Location:	TBD		
Neighborhood Plan:	University	**Council District:**	4
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This project provides design review, permitting, and construction support services for the Sound Transit University Link project. The University link is the three mile extension of light rail transit from downtown to the University of Washington. The alignment is entirely underground and includes stations at Capitol Hill near Seattle Central Community College and at the University of Washington near Husky Stadium.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Sound Transit Funds	989	109	10	0	0	0	0	0	1,107
Total:	989	109	10	0	0	0	0	0	1,107
Fund Appropriations/Allocations									
Transportation Operating Fund	989	109	10	0	0	0	0	0	1,107
Total*:	989	109	10	0	0	0	0	0	1,107
O & M Costs (Savings)			0	0	0	0	0	0	0

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Sound Transit North Link

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q4/2011
Project ID:	TC367190	**End Date:**	Q1/2021
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project provides design review, permitting, and construction support services for the Sound Transit North Link project (University District to Northgate). The 4.3-mile line includes stations at Northgate, the Roosevelt neighborhood and the University District.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Sound Transit Funds	454	651	87	300	308	310	252	69	2,431
Total:	454	651	87	300	308	310	252	69	2,431
Fund Appropriations/Allocations									
Transportation Operating Fund	454	651	87	300	308	310	252	69	2,431
Total*:	454	651	87	300	308	310	252	69	2,431
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Transportation Operating Fund		489	250	300	308	310	252	69	1,977
Total:		489	250	300	308	310	252	69	1,977

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

Sound Transit North Link Station Bike and Pedestrian Improvements

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	Q1/2013
Project ID:	TC367350	**End Date:**	Q4/2020
Location:	TBD		
Neighborhood Plan:	Northgate	**Council District:**	4
Neighborhood District:	North	**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 cycle track along 1st Avenue NE that is planned to begin design in 2013, an additional pedestrian and bicycle improvements that will begin design in 2015.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	0	500	0	0	0	0	0	0	500
Street Vacations - SVF	0	0	1,016	0	0	0	0	0	1,016
Federal Grant Funds	436	881	0	0	0	0	0	0	1,317
Transportation Funding Package - Parking Tax	0	500	0	0	0	0	0	0	500
Transportation Funding Package - Lid Lift	147	53	0	0	0	0	0	0	200
User Fees	0	3,984	0	0	0	0	0	0	3,984
Transportation Move Seattle Levy - Lid Lift	0	0	2,500	7,500	4,000	1,000	0	0	15,000
To be determined	0	0	0	0	10,570	1,550	681	0	12,801
Total:	583	5,918	3,516	7,500	14,570	2,550	681	0	35,318
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	500	0	0	0	0	0	0	500
Cumulative Reserve Subfund - Street Vacation Subaccount	0	0	1,016	0	0	0	0	0	1,016
Transportation Operating Fund	583	5,418	2,500	7,500	4,000	1,000	0	0	21,001
Total*:	583	5,918	3,516	7,500	4,000	1,000	0	0	22,517
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	500	0	0	0	0	0	500
Cumulative Reserve Subfund - Street Vacation Subaccount		0	1,016	0	0	0	0	0	1,016
Transportation Operating Fund		4,233	3,345	7,840	4,000	1,000	0	0	20,418
To Be Determined		0	0	0	10,570	1,550	681	0	12,801
Total:		4,233	4,861	7,840	14,570	2,550	681	0	34,736

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South Lake Union Streetcar

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q1/2013
Project ID:	TC367400	**End Date:**	Q4/2015
Location:	Various		
Neighborhood Plan:	South Lake Union	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	South Lake Union

This project procures an additional streetcar for the South Lake Union line. Purchase of the streetcar will be reimbursed by Amazon as a public benefit for vacations of alley rights-of-way.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Private Funding/Donations	1,241	2,406	0	0	0	0	0	0	3,647
Total:	1,241	2,406	0	0	0	0	0	0	3,647
Fund Appropriations/Allocations									
Transportation Operating Fund	1,241	2,406	0	0	0	0	0	0	3,647
Total*:	1,241	2,406	0	0	0	0	0	0	3,647
O & M Costs (Savings)			0	0	0	0	0	0	0

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

South Park Bridge

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2001
Project ID:	TC365780	**End Date:**	Q4/2016
Location:	16th Ave S/E Marginal Wy S/S Cloverdale St		
Neighborhood Plan:	South Park	**Council District:**	More than one
Neighborhood District:	Greater Duwamish	**Urban Village:**	In more than one Urban Village

This project funds the City's involvement in the preparation of an Environmental Impact Statement (EIS), design plans, and construction process for the replacement of the South Park Bridge, which is an opening bridge located in unincorporated King County and the City of Tukwila. Due to the deteriorating condition of the existing bridge, it was permanently closed in 2010. The new bridge opened in 2014.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Vehicle Licensing Fees	188	0	0	0	0	0	0	0	188
State Gas Taxes - Arterial City Street Fund	816	104	0	0	0	0	0	0	920
King County Funds	239	69	0	0	0	0	0	0	308
2014 Multipurpose LTGO Bond Fund	10,000	0	0	0	0	0	0	0	10,000
2015 Multipurpose LTGO Bond Fund	0	5,000	0	0	0	0	0	0	5,000
Total:	11,242	5,173	0	0	0	0	0	0	16,415
Fund Appropriations/Allocations									
Transportation Operating Fund	1,242	173	0	0	0	0	0	0	1,415
2014 Multipurpose LTGO Bond Fund	10,000	0	0	0	0	0	0	0	10,000
2015 Multipurpose LTGO Bond Fund	0	5,000	0	0	0	0	0	0	5,000
Total*:	11,242	5,173	0	0	0	0	0	0	16,415
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Transportation Operating Fund		163	10	0	0	0	0	0	173
2015 Multipurpose LTGO Bond Fund		5,000	0	0	0	0	0	0	5,000
Total:		5,163	10	0	0	0	0	0	5,173

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

Spokane St. Viaduct

BCL/Program Name:	Major Projects	**BCL/Program Code:**	19002
Project Type:	Improved Facility	**Start Date:**	Q2/1994
Project ID:	TC364800	**End Date:**	Q3/2016
Location:	S Spokane St/6th Ave S/E Marginal Wy S		
Neighborhood Plan:	Morgan Junction (MOCA)	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Duwamish

This project, part of the Bridging the Gap funding package, builds a new structure that will be parallel and connected to the existing one, and will widen the existing viaduct by about 41 feet. The project also includes construction of new ramps at First Avenue South and an eastbound Fourth Avenue off-ramp. This project improves the safety of the Spokane Street Viaduc through the addition of shoulders, a wider median, and a westbound "weave-lane." The project also reconstructs lower Spokane Street in concrete, including a 10 foot wide sidewalk/bike path along the north side of the street.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	1,393	71	0	0	0	0	0	0	1,464
Drainage and Wastewater Rates	392	0	0	0	0	0	0	0	392
Federal Grant Funds	31,697	0	0	0	0	0	0	0	31,697
City Light Fund Revenues	168	0	0	0	0	0	0	0	168
State Gas Taxes - Arterial City Street Fund	557	0	0	0	0	0	0	0	557
General Subfund Revenues	3,899	0	0	0	0	0	0	0	3,899
Public Works Trust Fund Proceeds	456	0	0	0	0	0	0	0	456
Private Funding/Donations	6,180	0	0	0	0	0	0	0	6,180
State Grant Funds	53,636	0	0	0	0	0	0	0	53,636
Federal ARRA Funds: FHWA Highway Infrastructure Investment	15,443	0	0	0	0	0	0	0	15,443
2008 Multipurpose LTGO Bond Fund	9,000	0	0	0	0	0	0	0	9,000
2009 Multipurpose LTGO Bond Fund	26,766	0	0	0	0	0	0	0	26,766
2010 Multipurpose LTGO Bond Fund	6,317	0	0	0	0	0	0	0	6,317
2011 Multipurpose LTGO bond Fund	1,029	147	0	0	0	0	0	0	1,175
Total:	156,934	217	0	0	0	0	0	0	157,151

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

Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,393	71	0	0	0	0	0	0	1,464
Transportation Operating Fund	112,429	0	0	0	0	0	0	0	112,429
2008 Multipurpose LTGO Bond Fund	9,000	0	0	0	0	0	0	0	9,000
2009 Multipurpose LTGO Bond Fund	26,766	0	0	0	0	0	0	0	26,766
2010 Multipurpose LTGO Bond Fund	6,317	0	0	0	0	0	0	0	6,317
2011 Multipurpose LTGO Bond Fund	1,029	147	0	0	0	0	0	0	1,175
Total*:	156,934	217	0	0	0	0	0	0	157,151
O & M Costs (Savings)			0	0	0	0	0	0	0

Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		51	20	0	0	0	0	0	71
2011 Multipurpose LTGO Bond Fund		147	0	0	0	0	0	0	147
Total:		197	20	0	0	0	0	0	217

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

SR-520 Project

BCL/Program Name:	Major Projects	**BCL/Program Code:**	19002
Project Type:	New Investment	**Start Date:**	Q1/2002
Project ID:	TC365880	**End Date:**	ONGOING
Location:	SR520 WB/Montlake Bv Off Rp/I5 NB On Rp		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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 may include replacement of the SR-520 bridge with a six-lane bridge, new freeway interchanges at Montlake Boulevard and Lake Washington Boulevard, and other improvements.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	54	0	0	0	0	0	0	0	54
Street Vacations -CRSU	54	0	0	0	0	0	0	0	54
Vehicle Licensing Fees	60	0	0	0	0	0	0	0	60
State Gas Taxes - Arterial City Street Fund	727	634	119	123	127	130	134	138	2,131
General Subfund Revenues	33	0	0	0	0	0	0	0	33
Private Funding/Donations	115	0	0	0	0	0	0	0	115
State Grant Funds	1,036	802	0	502	684	532	456	395	4,408
Total:	2,078	1,436	119	625	811	662	590	533	6,855
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	54	0	0	0	0	0	0	0	54
Cumulative Reserve Subfund - Street Vacation Subaccount	54	0	0	0	0	0	0	0	54
Transportation Operating Fund	1,970	1,436	119	625	811	662	590	533	6,747
Total*:	2,078	1,436	119	625	811	662	590	533	6,855
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Transportation Operating Fund		873	682	625	811	662	590	533	4,777
Total:		873	682	625	811	662	590	533	4,777

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

Street Lighting Program

BCL/Program Name:	Major Maintenance/Replacement	**BCL/Program Code:**	19001
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	TC366900	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project provides funding for the street lighting components of transportation projects, where the cost of those components will ultimately be borne by the City's General Subfund. The project enables the Seattle Department of Transportation, the Department of Finance, and Seattle City Light to plan for these costs. Funding is provided from the Light Fund, which recovers these costs through street light rates charged by Seattle City Light to the City's General Subfund. SDOT develops project specific estimates of the cost of lighting components in the year prior to construction. For 2016, funds are budgeted under the individual transportation projects in which the spending will occur. For 2017 through 2021, the funds displayed below have not yet been allocated to specific projects, but will be allocated once detailed project cost estimates are developed.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	800	3,500	3,500	3,500	3,500	14,800
Total:	0	0	0	800	3,500	3,500	3,500	3,500	14,800
Fund Appropriations/Allocations									
Transportation Operating Fund	0	0	0	800	3,500	3,500	3,500	3,500	14,800
Total*:	0	0	0	800	3,500	3,500	3,500	3,500	14,800
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Transit Corridor Improvements

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	Improved Facility	**Start Date:**	ONGOING
Project ID:	TC366860	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program implements multimodal projects that improve transit speed, reliability, access, safety, and convenience. The program focuses on corridors and projects identified in the Transit Master Plan. Funding from the Bridging the Gap package and other local sources is used to leverage grant and partnership opportunities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Vehicle Licensing Fees	1,494	956	900	900	900	900	900	900	7,850
Federal Grant Funds	3,377	224	0	0	0	0	0	0	3,601
Transportation Funding Package - Parking Tax	715	576	0	0	0	0	0	0	1,291
Transportation Funding Package - Lid Lift	16,007	2,695	0	0	0	0	0	0	18,702
City Light Fund Revenues	7	0	0	0	0	0	0	0	7
King County Funds	703	100	0	0	0	0	0	0	803
State Grant Funds	7,611	426	0	0	0	0	0	0	8,037
2016 Multipurpose LTGO Bond Fund	0	0	973	0	0	0	0	0	973
Total:	29,915	4,977	1,873	900	900	900	900	900	41,265
Fund Appropriations/Allocations									
Transportation Operating Fund	29,915	4,977	900	900	900	900	900	900	40,292
2016 Multipurpose LTGO Bond Fund	0	0	973	0	0	0	0	0	973
Total*:	29,915	4,977	1,873	900	900	900	900	900	41,265
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Transportation Operating Fund		4,849	1,028	900	900	900	900	900	10,377
2016 Multipurpose LTGO Bond Fund		0	973	0	0	0	0	0	973
Total:		4,849	2,001	900	900	900	900	900	11,350

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

West Duwamish Trail

BCL/Program Name:	Mobility-Capital	**BCL/Program Code:**	19003
Project Type:	New Facility	**Start Date:**	Q1/2010
Project ID:	TC367130	**End Date:**	Q4/2016
Location:	TBD		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project will create a linear park, including bicycle and trail improvements along the Duwamish River. This project is part of the 2008 Parks Levy.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax II	188	412	0	0	0	0	0	0	600
Real Estate Excise Tax I	210	0	0	0	0	0	0	0	210
Drainage and Wastewater Rates	226	229	0	0	0	0	0	0	455
Transportation Funding Package - Lid Lift	0	54	0	0	0	0	0	0	54
City Light Fund Revenues	77	51	0	0	0	0	0	0	128
Seattle Voter-Approved Levy	1,987	13	0	0	0	0	0	0	2,000
Total:	2,688	759	0	0	0	0	0	0	3,447
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	188	412	0	0	0	0	0	0	600
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	210	0	0	0	0	0	0	0	210
Transportation Operating Fund	303	334	0	0	0	0	0	0	637
2008 Parks Levy Fund	1,987	13	0	0	0	0	0	0	2,000
Total*:	2,688	759	0	0	0	0	0	0	3,447
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		382	10	10	10	0	0	0	412
Transportation Operating Fund		334	0	0	0	0	0	0	334
2008 Parks Levy Fund		13	0	0	0	0	0	0	13
Total:		729	10	10	10	0	0	0	759

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

Overview

Seattle City Light (SCL) is a municipal electric utility, owned by the residents of Seattle and run by the City's elected officials. The Utility serves a population of almost 700,000 people living in a 130 square-mile area, which includes the City of Seattle and several adjoining jurisdictions. To serve these customers, City Light owns, maintains, and operates a multi-billion-dollar physical plant. The physical plant includes:

- A power supply generation system consisting of seven hydroelectric plants on the Pend Oreille (Boundary Dam), Skagit, Cedar, and Tolt rivers with a combined capacity of almost 2,000 megawatts;
- 650 miles of high-voltage transmission lines linking these plants to Seattle;
- A distribution system with 14 major substations and more than 2,500 miles of overhead and underground cable;
- A state-of-the-art System Control Center coordinating these activities; and
- Billing and metering equipment tracking approximately 423,000 accounts.

City Light's Capital Improvement Program (CIP) is the vehicle for repairing, upgrading, and expanding this infrastructure. The CIP funds a variety of safety improvements, mitigation activities, and licensing requirements. The goal of the utility's capital program is to ensure that the facilities required to serve City Light customers with low-cost, reliable power, are in place. Funding for the CIP comes primarily from retail electricity sales, sales of surplus power on the wholesale market, and the sale of revenue bonds.

The City Council adopted an updated Strategic Plan for City Light in June 2014 that established spending priorities and a six-year rate path for the utility. The updated Strategic Plan guided development of City Light's 2016-2021 Adopted CIP budget.

CIP Revenue Sources

Retail electricity sales and surplus energy sales on the wholesale market fund a large part of City Light's CIP. Other funding comes from direct customer billing (including service connections and other customer requested work) and assorted fees. City Light also finances a portion of the CIP through the sale of revenue bonds. City Light's policy is to limit debt financing to 60% of any given six-year CIP (Resolution 31187).

2016-2021 CIP Highlights

The 2016-2021 Adopted CIP budget outlines $2.16 billion in capital spending over six years for power supply, transmission, distribution, customer services, and central utility needs. In 2016, approximately $27.5 million of this spending is in response to external projects, including suburban undergrounding requests, maintenance of the streetlight system, infrastructure relocations due to transportation projects, and other reimbursable customer-requested work.

City Light monitors and refines CIP project spending plans throughout the year and reports progress to the Mayor and City Council quarterly. SCL submits all significant project changes to the Mayor and

the Council for approval through the quarterly supplemental budget process.

A more expansive look at significant CIP projects scheduled for 2016-2021 is provided below.

CIP Expenditures by Major Program

The 2016-2021 Adopted CIP summarizes spending in five broad programs: Power Supply, Transmission, Distribution, External Projects and Central Utility Projects. The table below displays the projects and associated spending included in each of these programs for the 2016-2021 Adopted CIP. The dollar amounts shown in this document reflect the projects' total costs to be capitalized, and include both direct costs and associated overhead costs.

2016-2021 Adopted CIP
Summary of CIP Project Allocations (in $1,000s)

	2016	2017	2018	2019	2020	2021	Total
Power Supply	**71,996**	**76,662**	**67,379**	**60,583**	**87,222**	**95,884**	**459,726**
Boundary	28,295	45,445	41,649	43,507	39,705	59,329	257,930
Skagit	37,614	25,844	19,138	10,102	40,376	28,193	161,267
Cedar Falls - Tolt	1,880	1,603	3,349	3,774	3,866	6,157	20,629
Power Supply Other	4,207	3,770	3,243	3,200	3,275	2,205	19,900
Transmission	**19,655**	**7,767**	**15,592**	**5,886**	**15,814**	**45,654**	**110,368**
Distribution	**248,186**	**221,594**	**176,152**	**147,830**	**157,386**	**187,539**	**1,138,687**
Substations	63,761	62,171	47,105	25,083	25,079	26,857	250,056
Network	52,607	20,975	19,757	21,845	30,872	42,188	188,244
Radial	57,625	58,344	52,357	54,553	56,656	62,081	341,616
Service Connections	61,774	70,184	46,567	35,839	35,262	40,274	289,900
Distribution Other	12,419	9,920	10,366	10,510	9,517	16,139	68,871
External Projects	**27,527**	**56,414**	**45,343**	**25,691**	**24,897**	**25,983**	**205,855**
Local Jurisdictions	15,001	13,099	12,761	13,842	17,029	19,766	91,498
Transportation Relocations	12,171	42,999	32,554	11,832	7,828	6,176	113,560
Customer Other	355	316	28	17	40	41	797
Central Utility Projects	**46,363**	**31,089**	**22,056**	**80,986**	**66,107**	**26,947**	**273,548**
Customer and Billing	9,255	210	0	0	0	0	9,465
Finance and IT Systems	21,956	13,362	7,300	6,428	6,107	5,375	60,528
Fleets and Facilities	15,152	17,517	14,756	74,558	60,000	21,572	203,555

Grand Total	**413,727**	**393,526**	**326,522**	**320,976**	**351,426**	**382,007**	**2,188,184**

A more detailed description and summary of each Program follows.
Power Supply: Projects in this program includes improvements to City Light's dams, generators, powerhouses, and other related projects. In addition, the program contains projects designed to help SCL comply with federal licensing and environmental mitigation requirements at the utility's dams. City Light sequences work on major power production equipment (i.e., generator rebuilds and runner replacements) to reduce the impact to power generation and level capital spending.

For 2016, the CIP includes $72 million in funding for 48 projects in Power Supply. ***Highlights, ordered by project number, include:***

- Power Production – Network Controls (6385): ($1,513,000 in 2016)
  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. Also included are features that lead to enhanced data acquisition that meets North American Electric Reliability Corporation (NERC) requirements.
- Diablo Powerhouse - Rebuild Generator Unit 31 (6422): ($5,101,000 in 2016)
  This project rebuilds generator Unit 31 at Diablo Powerhouse as part of the utility's generator rebuild program.
- Diablo Powerhouse – Rebuild Generator Unit 32 (6423): ($11,577,000 in 2016)
  The project rebuilds generator Unit 32 at Diablo Powerhouse as part of the utility's generator rebuild program. Unit 31 will be rebuilt the year after Unit 32.
- Boundary Switchyard – Generator Step-Up Transformers (6493): ($7,156,000 in 2016)
  This project replaces the transformers used to step-up voltage and feed the transmission lines. The transformers are past their useful lifetime. Additionally, efficiency gains can be realized by matching the new transformers to the rebuilt generators.
- Skagit - Facilities Plan (6520): ($2,265,000 in 2016)
  This project implements a comprehensive facility plan to optimize buildings and structures at two Skagit town sites. The project preserves essential facilities that support City Light'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.
- Diablo - Load Interrupters Replacement (6532): ($3,126,000 in 2016)
  This project replaces load interrupters at Diablo Banks Generators No. 31 and 32 with Gas Insulated Switchgear. The existing 230 kV load interrupters have reached the end of their useful life.
- Ross Powerhouse – Replace Transformer Banks 42 and 44 (6541): ($1,501,000 in 2016)
  This project funds the design and installation of two new step-up power transformer banks at Ross Powerhouse. The new transformer banks will replace the existing sixty-year-old units that exceeded their useful life and show signs of failure.
- Ross - Governors (6562): ($2,803,000 in 2016)
  This project replaces Governors and Exciters on all four of the Ross Powerhouse generating units.

Transmission: Projects in this program include transmission capacity and reliability projects to deliver power from City Light's dams to City Light's distribution system and the regional power grid. City Light owns and maintains 650 miles of transmission capacity that connect the Skagit facilities to

Seattle. SCL leases additional transmission capacity to connect to the Boundary, Cedar Falls, and Tolt hydroelectric projects.

For 2016, a Budget Issue Paper added funding to support Transmission Capacity which proposes to modify spans and re-grade portions of the 90 mile D-Line transmission Right-of-Way from the Skagit generation projects to the Seattle City Light (SCL) service area.

For 2016, the CIP budget includes $19.7 million in funding for six projects in Transmission. ***Highlights, ordered by project number, include:***

- Transmission Capacity (7011): ($2,026,000 in 2016)
  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.
- Transmission Reliability (7104): ($2,785,000 in 2016)
  This ongoing project replaces the worst one percent of City Light's transmission structures and conductors each year. This project also provides engineering, construction, and related work improving and maintaining the reliability of the overhead or underground transmission system.
- Transmission Line Inductor Installation (8461): ($6,958,000 in 2016)
  This project addresses the issue of increased electric transmission congestion load growth in the Puget Sound Area. The project funds the installation of inductors or phase shifting transformers that curtail the flow of power through the Seattle area, while improving customer and asset strengths and maintaining reliability.
- Transmission Line Re-conductoring (8462): ($7,072,000 in 2016)
  This project addresses the issue of increased electric transmission congestion load growth in the Puget Sound Area by increasing the capacity of the Bothell-SnoKing double circuit 230 kV line to meet area reliability requirements. The project funds the re-conductoring of both the Bothell-SnoKing double circuit 230 kV line and the Delridge-Duwamish 230 kV line to increase capacity and meet regional reliability requirements.

Distribution: Projects in this program include improvements to City Light's distribution substations, relays, feeders, network distribution systems, overhead and underground radial distribution systems, service connections, customer meters, and other facilities related to the distribution system.

For 2016, the CIP includes $248 million in funding for 58 projects in Distribution. ***Highlights, ordered by project number, include:***

- Denny Substation Development (7757): ($41,706,000 in 2016)
  This project designs and builds a 200 MVA substation on Denny Avenue. The project funds site acquisition, environmental management and remediation of land, design of the substation, and construction of the substation. It provides capacity to meet load growth, provides the operational flexibility to operate the electrical system to serve new development and existing load, and supports development of an underground network. This project coordinates with build out of the Denny network and construction of transmission lines to the new substation.
- Substation Transformer Replacements (7776): ($4,558,000 in 2016)
  This project funds the review of power transformers at substations and determines dissolved gas concentration, insulation aging, oil leaks, maintenance cost, service stress, and fault interrupting history. The project replaces transformers with the highest failure risk, or those presenting substation capacity limits. The project enhances system reliability by replacing aging

substation transformers before they fail in service.

- Broad Street Substation – Network (8203): ($16,754,000 in 2016)
  This ongoing project funds construction 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.
- Overhead Equipment Replacements (8351): ($21,010,000 in 2016)
  This ongoing project replaces older equipment in City Light's distribution system that is nearing the end of its usable life, is overloaded, or is of an outdated design and requires replacement due to the lack of spare parts. This project enhances distribution system reliability, avoiding unplanned outages or interruption of service due to equipment failure.
- Underground Equipment Replacements (8353): ($7,681,000 in 2016)
  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 (8366): ($10,371,000 in 2016)
  This ongoing project provides medium size electric power service connections from City Light's distribution system to customers' meter for power requirements of 50 KVA to 2.5 MVA and 26 kV radial services. Most of this related work is billable to the customer. The project allows Seattle City Light to provide service to new customers in a safe, reliable, timely, and cost effective manner.
- Small Overhead and Underground Services (8367): ($6,200,000 in 2016)
  This ongoing project provides small size electric power service connections from City Light's distribution system to customers' meter for power requirements of less than 50 KVA and 26 kV radial services. Most of this related work is billable to the customer. The project allows Seattle City Light to provide service to new customers in a safe, reliable, timely, and cost effective manner.
- Denny Substation – Network (8404): ($24,349,000 in 2016)
  This ongoing project provides network system design and construction, engineering design at the substation network interface, and underground conversion of the streetlight, traffic signals, and telecom and fiber optic systems within the Denny Substation network area.
- Distribution Automation (8425): ($3,190,000 in 2016)
  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 will provide the ability to automatically perform outage restoration, shift blocks of load to maximize efficiencies of feeders, and reconfigure the feeder grid.
- Advanced Metering Infrastructure (8426): ($26,896,000 in 2016)
  This project replaces approximately 400,000 existing meters, residential or commercial, with Smart Meters allowing two-way communication between City Light and its customers. Smart Meters automate meter reading, increase customer service, heighten billing capacity, allow for reduced energy consumption by providing more information on use, improve outage restoration efficiency and support rate structure flexibility. Implementation of the project positions the utility to comply with NERC and FERC programs and requirements.
- Mobile Workforce Implementation (8429): ($1,491,000 in 2016)
  This project provides mobile communication and computing equipment for City Light field workers. The project improves operational efficiencies for scheduling of crews, provides rapid revision of crew schedules during emergencies, and reduces transit time between job sites.
- Broadband – City Light (8465): ($2,600,000 in 2016)
  This project provides funding to allow SCL to meet increased customer demand for wireless capabilities.
- Security Improvements (9202): ($4,641,000 in 2016)

This ongoing program plans, designs, and implements projects that improve the physical security of City Light critical facilities in order to mitigate unauthorized access and criminal activities that could cause system damage, power outages, and other related disruptions to the electrical system.

- Enterprise Geographic Information System (9957): ($1,990,000 in 2016)
  This project investigates, evaluates, and provides a recommendation to develop a unified GIS system that meets all of the Utility's needs by replacing the two separate and incompatible Geographic Information Systems (GIS) that City Light currently maintains which will allow integration with future software systems (such as Mobile Workforce).

External Projects: Projects in this program respond to requests from local jurisdictions to relocate distribution services from overhead to underground systems per the terms of franchise agreements; maintain and upgrade the streetlight system; relocate utility infrastructure in response to major transportation projects; and provide capital improvements in response to other customer-requested service needs. Allocation changes reflect revised scope and schedule projections provided by the transportation project managers.

For 2016, a Budget Issue Paper added funding to support Transportation Streetlights which will be offset by revenue from streetlight fees.

For 2016, the CIP includes $27.5 million in funding for 17 External Projects. ***Highlights, ordered by project number, include:***

- Alaskan Way Viaduct & Seawall Replacement – Utility Relocations (8307): ($5,964,000 in 2016)
  The project provides for the relocation of utility infrastructure in conjunction with the Washington State Department of Transportation project. This project is experiencing delays due to repairs to Bertha.
- Overhead and Underground Relocations (8369): ($2,505,000 in 2016)
  This ongoing project relocates Seattle City Light electrical lines as required by transportation projects.
- Transportation Streetlights (8377): ($2,740,000 in 2016)
  This ongoing project relocates Seattle City Light owned streetlights as required by City of Seattle transportation projects.
- Streetlights: Arterial, Residential and Floodlights (8378): ($3,364,000 in 2016)
  This ongoing project provides street lighting as requested by various taxing jurisdictions and other customers. Streetlights and floodlights are provided in the public right of way, and on private property, for either public or private benefit.
- Streetlight LED Conversion Program (8441): ($5,817,000 in 2016)
  This project upgrades streetlights with LED fixtures in order to reduce annual energy consumption and utility maintenance costs. The utility recovers costs for this project through streetlight rates.
- Streetlight Infrastructure Program (8460): ($3,016,000 in 2016)
  This ongoing project will replace the highest priority streetlights and related underground infrastructure identified in the Streetlight Horizon Plan over the six-year planning horizon. Streetlight infrastructure replacements include poles, fixtures, conduits, hand holes, and wiring. Emphasis will be placed on standardization of fixtures, construction materials, and construction methods. This project will provide the engineering resources needed to prioritize replacements, develop estimates, and manage and track construction.
- Center City Connector Streetcar (8470): ($401,000 in 2016)

This SCL will provide power relocations & service for the proposed SDOT Center City Connector Streetcar project. The SDOT project is intended to link the existing North Downtown Streetcar with the First Hill Connector Streetcar.

Central Utility Projects: Projects in this program provide for centralized billing and customer service systems, financial and information technology systems that are critical to the utility's operation, and vehicle fleets and facilities that are not part of the power generating plant (e.g., equipment shops, service centers, and maintenance yards).

For 2016, Budget Issue Papers add funding to support Equipment Fleet Replacement, Energy Conservation, Information Technology Infrastructure and New Customer Information System.

For 2016, the CIP includes $46.4 million in funding for 24 Central Utility Projects. ***Highlights, ordered by project number, include:***

- Building Envelope Upgrades (9072): ($1,501,000 in 2016)
  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.
- Equipment Fleet Replacement (9101): ($5,388,000 in 2016)
  This ongoing project replaces, updates, and expands City Light's heavy duty mobile equipment fleet. This project also funds the gradual replacement of light-duty vehicles owned by City Light, including those previously leased from the Fleets & Facilities Department and now owned by City Light.
- Energy Conservation (9320): ($954,000 in 2016)
  This ongoing project installs improvements at City Light 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.
- Information Technology Infrastructure (9915): ($5,155,000 in 2016)
  This ongoing project funds replacement and improvement of the Utility's information technology infrastructure. Components purchased by this project include servers, network and communications equipment, disk storage, and application and operating system software.
- New Customer Information System (9937): ($9,255,000 in 2016)
  This project replaces the existing Consolidated Customer Service System (CCSS) application with a more current and viable technology solution. The CCSS provides Customer Information System (CIS) processing and support for City Light, Seattle Public Utilities, the City's Utility Call Center, and other customer service staff. The existing system does not support the current business model and direction of the City of Seattle's utilities, and is no longer supported by the vendor. The project will preserve and enhance the City's ability to continue to deliver this critical function into the future.

Thematic Priorities

The Updated 2015-2020 City Light Strategic Plan is organized around four key objectives:

- **Improve Customer Experience and Rate Predictability –** Seattle's technology-savvy population expects City Light to efficiently manage the energy system and respond quickly to customer concerns and outages, and to be able to predict and budget their utility costs.

- **Increase Workforce Performance and Safety Practices** – The Strategic Plan gives City Light a path to proactively manage an impending wave of retirements and be able to retain highly skilled workers. City Light must also continuously improve its employee safety record that, as of the end of 2013, is ahead of target.

- **Enhance Organizational Performance –** City Light's goal is to be in the top 10% of peer utilities on measures of efficiency and effectiveness, and to reduce baseline costs by an ongoing $18 million per year, at a minimum, starting in 2015.

- **Continue Conservation and Environmental Stewardship Leadership –** The Strategic Plan ensures that the utility remains the nation's greenest utility. City Light invests in research and strategic initiatives such as promoting electric vehicles that will help it adapt to the impacts of climate change. The utility is also looking at ways to strengthen its financial resources in environmentally-responsible ways such as optimizing its ability to sell excess power on the wholesale energy market, among other things.

CIP projects implement these objectives in the following ways:

- **Maintaining existing infrastructure and supporting basic operations** – The majority of CIP projects involve maintaining existing systems and equipment or supporting the ongoing daily operations of the utility. These projects include major maintenance work that extends the life and function of facilities and equipment, scheduled replacements of old and failing equipment, supporting customer connections, and addressing unexpected system outages. Some projects respond to external conditions, such as relocations due to major transportation projects. The CIP also includes projects for renovating streetlights and underground cables.

- **Upgrading capacity and services to provide new functionality** – CIP Projects also increase the utility's generation and distribution capacity, and provide new functionality for management and customer service systems. The 2016-2021 CIP continues funding for these capacity-related projects, such as the Customer Information System, the Denny Substation, Automated Metering Infrastructure, and the Energy Management System.

- **Addressing licensing, regulatory and safety requirements** – Federal licenses governing the operation of the utility's dams require a number of environmental, historic preservation, and recreation mitigation measures. In addition, federal regulation of the transmission grid and energy market transactions requires system upgrades and improvements. The CIP includes projects that improve safety, proactively reduce infrastructure risks, and address transmission grid improvements and regulatory compliance.

- **Maintaining the utility's information technology systems** – The electric utility industry relies heavily on information technology systems. IT systems help SCL provide real time management and automation of operations; design and digitally record utility systems and assets; regulate power across the regional transmission grid; manage financial transactions on the energy market; and increase business efficiencies throughout the organization. The CIP includes projects that maintain the hardware and software necessary to provide these functions, and

implements Strategic Plan initiatives that improve cyber security and disaster recovery.

Project Selection Criteria

Three years ago, City Light completed the most extensive planning process ever undertaken by the utility to serve as a road map for how to best meet customers' current and future needs. The plan was the product of a process launched by the mayor and City Council in 2010 and overseen by a newly chartered City Light Review Panel representing key customer groups.

This 2016 CIP is based on the 2015 Strategic Plan update. City Light is currently preparing the 2017-2022 Strategic Plan. The Strategic Plan will be submitted to Mayor and Council for approval in the spring. The new Strategic Plan will be reflected in the 2017-2022 CIP.

Project ideas to implement the Strategic Plan and accomplish baseline service delivery come from throughout SCL. Staff members in the operational divisions are responsible for creating official proposals. Members of each of the utility's organizational lines of business (e.g., power supply, transmission and distribution, customer service) prioritize capital spending within their divisions and then submit recommended projects to a centralized capital budgeting system.

City Light management compares proposals against criteria that evaluate the projects' costs, benefits, and risks. The utility gives priority to mandatory requirements and projects currently underway before considering future projects and new initiatives. Utility staff develops business cases to document the project expectations and rationale and provide a cost-benefit analysis of alternatives.

Availability of funding and labor resources constrains the CIP. City Light management seeks to balance the overall needs of the utility within these constraints and may rescope, reschedule, or defer projects in its six-year CIP. City Light intends to revisit the adopted Strategic Plan every two years to maintain transparency and set direction for future CIP development.

CIP Budget Control Levels in the 2016 Adopted Budget

The dollar amounts shown in the CIP are total project costs to be capitalized and include both direct costs and associated overhead costs. Overhead costs include a share of the department's support functions (such as finance, administration, and human resources), employee benefits, and interest incurred during construction.

Because City Light requests budget authority for indirect overhead costs in Operating Budget Control Levels, the total project allocations in the CIP Programs are higher than the corresponding CIP Budget Control Levels in the 2016-2021 Adopted Budget. A table explaining how the 2016-2021 Adopted CIP program totals align with CIP Budget Control Levels in the 2016-2021 Adopted Budget is shown below.

CIP Programs -- Project Totals for 2016 ($1,000s)

Loadings and Overhead Estimates (appropriated separately in Operating BCLs)

	CIP Programs -- Project Totals for 2016					
Direct Costs (in $1s)	Power Supply	Transmission	Distribution	External Projects	Central Utility Projects	**2016 Appropriations**
CIP Budget Control Level						
Power Supply & Environmental Affairs (SCL 250)	61,226	0	0	0	13,231	74,457
Transmission and Distribution (SCL360)	0	17,202	145,456	0	0	162,658
Customer Focused -CIP (SCL370)		0	45,201	21,430	6,498	73,129
Financial Services (SCL550)	0	0	0	0	20,302	20,302
Total Direct Costs	61,226	17,202	190,657	21,430	40,031	330,546
Loadings and Overhead Estimates (appropriated separately in Operating BCLs)						
Interest During Construction	1,198	110	3,926	261	569	6,064
Paid Time Off	1,152	265	4,940	511	692	7,561
Fringe Benefits	1,996	460	8,568	886	1,200	13,111
Payroll Tax (FICA)	458	110	2,606	259	264	3,697
Material	5	10	2,626	615	-	3,257
Transportation	123	186	3,838	426	36	4,608
Shop	29	-	307	-	17	352
Administrative & General	5,809	1,312	30,718	3,139	3,554	44,529
Total Overhead	10,770	2,453	57,529	6,097	6,332	83,181
CIP Project Allocations	71,996	19,655	248,186	27,527	46,363	413,727

City Light typically abandons unspent capital appropriation authority in the CIP Budget Control Levels at the end of each year and re-appropriates the necessary capital authority in the following year's budget. In order to manage total spending on certain high-profile projects, the utility manages their total "lifetime" appropriations and carries forward their unspent capital appropriation authority into subsequent years. This allows for careful review of project changes, and easier tracking of total budget and spending on these projects. The 2016-2021 Adopted CIP includes 36 "lifetime" appropriation projects. Examples include:

- Boundary – Licensing Mitigation (6987)
- Alaskan Way Viaduct and Seawall Replacement – Utility Relocations (8307)
- Advanced Metering Infrastructure (8426)
- Mobile Workforce Implementation (8429)
- Technical Training Center Development (9230)
- Enterprise Geographic Information System (9957)

Because unspent "lifetime" budget authority is carried forward from year to year, allocations for these projects can vary significantly from the spending plans shown on the project pages. The spending plans reflect the anticipated scheduled spending on these projects. Other projects may also show variance between budgeted allocations and spending plans because of encumbrances for multi-year contracts.

Summary of Upcoming Budget Issues and Challenges

City Light faces a series of challenges common to electric utilities:

- Infrastructure constructed in the 50's and 60's is now reaching the end of its useful life.
- Retirements of the boomer generation are causing gaps in institutional knowledge and experience.
- Material procurement is becoming more complex due to inflation in commodity prices such as copper and the movement of manufacturing of large electrical equipment overseas.
- The impacts of transportation projects and franchise city undergrounding initiatives are difficult to plan for because the external agencies sponsoring these projects have relatively short planning horizons and sometimes have difficulty staying on schedule.
- Security risks continue to be a challenge and both physical and cyber security are subject to an expanding list of regulatory requirements.
- Requirements for environmental mitigation, permitting, and construction site mitigation are difficult to accurately estimate and involve substantial schedule risk.
- Licensing requirements are key to the continued operation of City Light's hydro generation assets, and these requirements can change over time.
- One challenge that contains substantial promise of improvement is the movement to digital electrical operations. The technology exists for great efficiency improvements by use of real-time monitoring and control systems.

City Light is well positioned to meet these challenges through implementation of the carefully planned portfolio of programs and projects in the Strategic Plan.

Future Projects/What is on the Horizon

The updated 2015-2020 Strategic Plan highlights two new initiatives that will provide enhanced services and efficiencies. Brief descriptions of new CIP projects are also listed below. Highlights for existing baseline projects are included in the CIP Highlights section.

Distribution automation technology
New technologies are now available to give City Light the ability to actively monitor and manage its distribution system in real time. This initiative will reduce outage duration and frequency, and improve safety and customer service. The system utilizes a network of field equipment and software to actively monitor and respond to system malfunctions. The new system then automatically restores electric service, while also managing demand response and optimizing energy delivery.

Service centers master plan
City Light's service centers are the backbone of its operations, directly impacting its mission to provide reliable, low-cost power to customers. Many essential functions are located in the service centers including line trucks and dispatching; materials and equipment; shipping and receiving; staging of supplies; and shops operations and fabrication. Built in the 1950s and 1920s, respectively, City Light's North and South Service Centers have exceeded their intended operational lifespans. The following challenges exist at the service centers:

- Building systems are aging and increasingly unreliable.
- Service yard areas are constrained and highly congested, and there is little opportunity to accommodate growth or reconfigure spaces to meet changing needs.
- The South Service Center sits in an area of Seattle that has a high susceptibility to soil liquefaction during an earthquake, which would have significant impacts on the continuity of operations following an earthquake.

This initiative will carry out a site master planning process to evaluate options for making improvements to the current facilities, or potentially consolidate them into one centralized location.

Anticipated Operating Expenses Associated with Capital Facilities Projects

Operations and maintenance costs, where identified, are included in City Light's operating budget. In some projects, City Light identified operations and maintenance costs of zero or did not calculate a number (N/C). In these cases, the operating cost impacts of the project are either insignificant or are offset by cost savings realized by other projects.

City Council Changes to the Proposed CIP

The Council made no changes to the 2016 Proposed Budget.

City Council Provisos to the CIP

There are no Council provisos.

Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
A1 Power Supply - Boundary						**BCL/Program Code:**			**SCL250-A1**
Boundary - Access Road Stability Improvements (6615)	0	0	519	979	103	0	0	0	1,601
Boundary - DC Battery System & Charge Modernization (6566)	0	3	264	146	0	0	0	0	413
Boundary - Entrance Improvements (6601)	0	256	1,945	0	0	0	0	0	2,201
Boundary - Licensing Mitigation (6987)	16,714	40,043	14,294	23,585	14,487	13,386	13,545	15,135	151,189
Boundary - New Unit - 57 (6533)	0	0	0	97	271	1,177	3,351	13,822	18,718
Boundary - Unit 55 Exciter Replacement (6602)	0	199	228	72	76	0	0	0	575
Boundary - Unit 56 Exciter Replacement (6603)	0	1,250	1,198	95	0	0	0	0	2,543
Boundary Dam - Instrumentation Upgrade and Integration (6343)	9,727	1,093	278	0	0	0	0	0	11,098
Boundary Facility - Minor Improvements Program (6401)	14,958	3,481	1,414	1,358	2,656	2,906	10,191	6,848	43,812
Boundary Powerhouse - Transformer Bank Rockfall Mitigation (6485)	502	54	0	0	0	248	66	12,301	13,171
Boundary Powerhouse - Unit 51 Generator Rebuild (6351)	0	0	838	11,224	4,377	3,916	910	950	22,215
Boundary Powerhouse - Unit 52 Generator Rebuild (6535)	0	0	0	0	1,171	10,979	4,936	2,141	19,227
Boundary Powerhouse - Unit 54 Generator Rebuild (6353)	0	0	0	656	11,423	3,811	471	0	16,361
Boundary Powerhouse - Unit 56 Generator Rebuild (6354)	11,261	14,620	88	0	0	0	0	0	25,969
Boundary Powerhouse - Unit 56 Turbine Runner Replacement (6490)	10,106	3,311	73	0	0	0	0	0	13,490
Boundary Switchyard - Generator Step-up Transformers (6493)	700	5,504	7,156	6,760	6,328	6,512	6,235	8,132	47,327
Landis and Gyr RTU Modernization Boundary, CF, Skagit (6565)	0	0	0	473	757	572	0	0	1,802
A1 Power Supply - Boundary	63,968	69,814	28,295	45,445	41,649	43,507	39,705	59,329	391,712
A2 Power Supply - Skagit						**BCL/Program Code:**			**SCL250-A2**
Diablo - Incline Rehabilitation (6588)	0	0	0	0	110	72	2,315	0	2,497

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Diablo - Load Interrupters Replacement (6532)	52	0	3,126	184	0	0	0	0	3,362
Diablo - Replace AC Panels (6584)	0	178	528	0	0	0	0	0	706
Diablo - Replace Bank Transformers (6589)	0	0	0	0	0	0	113	922	1,035
Diablo Dam - Spill Gate Trunnion Upgrades (6610)	0	251	120	128	135	143	150	158	1,085
Diablo Facility - Incline Lift Rehabilitation (6457)	0	0	0	0	0	0	30	59	89
Diablo Facility - Lines Protection Upgrades (6483)	3,486	1,658	405	1,404	97	0	0	0	7,050
Diablo Facility - Storage Building (6481)	1,026	1,569	0	0	0	0	0	0	2,595
Diablo Powerhouse - Crane Wheel Replacements (6471)	288	1,263	10	0	0	0	0	0	1,561
Diablo Powerhouse - Rebuild Generator Unit 31 (6422)	71	1	5,101	3,456	370	124	0	0	9,123
Diablo Powerhouse - Rebuild Generator Unit 32 (6423)	648	12,708	11,577	5,892	3,316	125	0	0	34,266
Gorge - 240V AC Station Service Switchgear Replacement (6581)	0	0	629	454	48	51	0	0	1,182
Gorge Powerhouse - Fire Protection Improvements (6326)	0	74	87	310	253	146	156	170	1,196
Newhalem - Generator 20/Support Facility Rebuild (6479)	2,294	1,742	762	0	0	0	0	0	4,798
Ross - 480V AC Station Service Switchgear Replacement (6580)	0	0	0	0	0	110	5,629	0	5,739
Ross - Exciters 41-44 (6564)	0	0	237	3,005	764	385	0	0	4,391
Ross - Governors (6562)	140	1,195	2,803	563	0	0	0	0	4,701
Ross - Powerhouse Rockfall Mitigation (6577)	0	0	0	109	411	54	4,623	0	5,197
Ross - R1 and R2 Relay and Instrumentation Upgrade (6582)	0	0	0	108	114	472	134	0	828
Ross - Rock Slide Area Improvements (6516)	5,260	3,167	317	26	0	0	0	0	8,770
Ross Dam - AC/DC Distribution System Upgrade (6373)	1,820	694	546	2,051	2,285	1,245	0	0	8,641
Ross Dam - New Access Road from SR20 to Dam (6452)	0	0	0	0	0	0	11,847	2,293	14,140

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Ross Powerhouse - Programmable Language Controller Upgrade (6376)	0	175	283	561	0	0	0	0	1,019
Ross Powerhouse - Replace Transformer Banks 42 and 44 (6541)	255	12,713	1,501	841	0	0	0	0	15,310
Skagit - Babcock Creek Crossing (6514)	32	390	646	95	39	41	43	45	1,331
Skagit - Boat Facility Improvements (6540)	0	380	1,236	520	0	0	0	0	2,136
Skagit - DC Battery System & Charge Modernization (6583)	0	260	117	17	0	0	0	0	394
Skagit - Facilities Energy Conservation Program (6515)	4,931	3,430	1,075	0	0	0	0	0	9,436
Skagit - Facilities Plan (6520)	2,679	466	2,265	1,870	1,087	0	0	0	8,367
Skagit - Relicensing (6986)	0	0	0	403	1,835	3,528	4,736	9,747	20,249
Skagit - Sewer System Rehabilitation (6232)	787	5,004	730	80	1,266	0	0	0	7,867
Skagit Facility - Minor Improvements Program (6405)	18,796	3,551	2,410	2,276	5,580	2,266	9,166	13,704	57,749
Skagit Licensing Mitigation (6991)	36,126	1,067	249	69	70	129	118	134	37,962
Skagit Powerhouses - Install Protection Relays (6415)	4,101	435	854	1,422	1,358	1,211	1,316	961	11,658
A2 Power Supply - Skagit	82,792	52,371	37,614	25,844	19,138	10,102	40,376	28,193	296,430
A3 Power Supply - Cedar Falls - Tolt						**BCL/Program Code:**			**SCL250-A3**
Cedar Falls - Bank 6 Replacement (6573)	0	0	0	0	1,420	2,281	861	0	4,562
Cedar Falls - DC Battery System and Charge Modernization (6572)	0	107	28	24	0	0	0	0	159
Cedar Falls - Masonry Dam Stream Flow System Retrofit (6534)	0	141	61	0	0	0	0	0	202
Cedar Falls - New Generator 5/6 Exciters (6531)	0	210	0	0	213	112	0	0	535
Cedar Falls Powerhouse - Penstock Stabilization (6358)	2,084	0	0	318	542	186	0	0	3,130
Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay (6450)	1,025	454	532	0	0	0	0	0	2,011
Cedar Falls Powerhouse - Valvehouse Rehabilitation (6324)	0	0	0	0	0	0	659	3,184	3,843

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Cedar Falls/South Fork Tolt - Minor Improvements Program (6406)	6,037	751	1,231	1,237	1,174	1,195	2,346	2,973	16,944
South Fork Tolt - DC Battery System & Charge Modernization (6570)	0	7	28	24	0	0	0	0	59
A3 Power Supply - Cedar Falls - Tolt	9,146	1,670	1,880	1,603	3,349	3,774	3,866	6,157	31,445
A4 Power Supply - Power Supply Other						**BCL/Program Code:**			**SCL250-A4**
Endangered Species Act Mitigation (6990)	13,491	2,213	1,064	1,076	1,097	1,118	1,147	1,167	22,373
Generation Federal Reliability Standards Improvements (6470)	9,518	32	10	10	11	11	11	0	9,603
Hydro Project Spill Containment (6530)	528	986	668	799	631	642	653	0	4,907
NWPP Market Coordination (9971)	0	10	11	11	0	0	0	0	32
Power Production - Network Controls (6385)	3,454	1,006	1,513	683	69	0	0	0	6,725
SMT AutoLab (6600)	0	0	0	262	484	0	0	0	746
Special Work Equipment - Generation Plant (6102)	11,302	1,836	941	929	951	1,429	1,464	1,038	19,890
A4 Power Supply - Power Supply Other	38,293	6,083	4,207	3,770	3,243	3,200	3,275	2,205	64,276
B1 Transmission - Transmission						**BCL/Program Code:**			**SCL360-B1**
Denny Substation Transmission Lines (7125)	618	1,701	257	246	6,814	2,195	12,070	42,354	66,255
Transmission Capacity (7011)	10,736	22	2,026	23	23	24	24	11	12,889
Transmission Inter-Agency (7105)	2,061	542	557	566	580	594	605	613	6,118
Transmission Line Inductor Installation (8461)	688	3,531	6,958	2,681	4,698	27	0	0	18,583
Transmission Line Reconductoring (8462)	178	745	7,072	1,356	507	0	0	0	9,858
Transmission Reliability (7104)	19,365	3,071	2,785	2,895	2,970	3,046	3,115	2,676	39,923
B1 Transmission - Transmission	33,646	9,612	19,655	7,767	15,592	5,886	15,814	45,654	153,626
C1 Distribution - Substations						**BCL/Program Code:**			**SCL360-C1**
Denny Substation Development (7757)	74,243	25,572	41,706	42,577	25,402	0	0	0	209,500
East Pine Substation - Transformer Replacements (7811)	107	4,900	48	0	0	0	0	0	5,055

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Interbay Substation - Development (7756)	2,489	0	0	0	0	74	78	390	3,031
Relaying Improvements (7753)	24,533	4,914	4,413	3,927	4,526	5,484	4,495	4,929	57,221
Replace Breakers BPA Covington and Maple Valley Substations (7121)	546	13	13	14	14	14	14	11	639
Substation Automation (8424)	4,458	987	756	952	993	1,037	1,054	637	10,874
Substation Breaker Replacements and Reliability Additions (7779)	21,585	6,153	5,025	6,155	4,798	5,564	5,152	5,987	60,419
Substation Capacity Additions (7751)	8,651	2,371	1,568	1,802	1,966	2,201	2,608	2,059	23,226
Substation Equipment Improvements (7752)	52,756	7,593	4,522	5,139	5,950	6,723	6,727	6,458	95,868
Substation Plant Improvements (7750)	7,919	848	867	909	927	946	921	1,177	14,514
Substation Transformer Replacements (7776)	3,987	2,175	4,558	359	2,185	2,701	3,683	4,986	24,634
Substations Demand Driven Improvements (7755)	5,810	5	5	5	5	5	6	6	5,847
Substations Oil Containment (7783)	4	291	280	332	339	334	341	217	2,138
C1 Distribution - Substations	207,088	55,822	63,761	62,171	47,105	25,083	25,079	26,857	512,966
C2 Distribution - Network						**BCL/Program Code:**			**SCL360-C2**
Broad Street Substation - Network (8203)	68,374	10,918	16,754	2,883	2,390	3,653	4,523	8,872	118,367
Denny Substation - Network (8404)	2,447	20,718	24,349	4,789	3,813	3,498	10,878	12,402	82,894
First Hill - Network (8301)	12,371	2,172	2,446	2,574	2,621	2,670	2,692	1,960	29,506
First Hill - Network Load Transfer (8407)	0	0	0	0	0	911	915	8,060	9,886
Massachusetts Street Substation - Networks (8202)	29,639	2,927	3,116	3,971	4,039	4,105	4,439	3,173	55,409
Network Hazeltine Upgrade (8129)	5,990	599	631	527	535	543	761	714	10,300
Network Maintenance Hole and Vault Rebuild (8130)	51,648	2,003	2,439	3,379	3,436	3,491	3,493	3,634	73,523
Union Street Substation Networks (8201)	25,784	1,429	2,415	2,481	2,546	2,591	2,704	2,894	42,844
University Substation - Network (8464)	1,294	1,035	457	371	377	383	467	479	4,863
C2 Distribution - Network	197,547	41,801	52,607	20,975	19,757	21,845	30,872	42,188	427,592

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
C3 Distribution - Radial						**BCL/Program Code:**			**SCL360-C3**
Automated Utility Design Implementation (9950)	2,595	2,740	644	732	750	0	0	0	7,461
Broadband - City Light (8465)	499	2,529	2,600	2,762	2,716	2,766	3,148	3,161	20,181
Dallas Ave. 26 kV Crossing (8322)	816	1,583	459	1	145	13	1	1	3,019
Distribution Automation (8425)	271	2,460	3,190	4,370	2,167	2,768	2,882	2,951	21,059
Laurelhurst - Underground Rebuild (8373)	6,318	2,788	857	0	0	0	0	0	9,963
Mobile Workforce Implementation (8429)	0	2,543	1,491	1,910	1,082	0	0	0	7,026
Overhead 26kV Conversion (8358)	12,216	1,997	2,097	1,705	1,720	1,713	1,735	1,750	24,933
Overhead Customer Driven Capacity Additions (8355)	31,172	3,222	3,521	3,772	3,829	4,855	5,681	4,005	60,057
Overhead Equipment Replacements (8351)	62,673	21,227	21,010	23,689	21,033	22,501	22,990	23,439	218,562
Overhead System Capacity Additions (8356)	27,485	2,585	2,515	2,626	2,556	2,471	2,601	3,291	46,130
PCB Transformer Replacement (8463)	0	683	805	733	738	741	749	201	4,650
Pole Attachment Requests Preparation Work (8452)	5,480	2,991	3,489	3,515	3,592	3,638	4,035	4,552	31,292
Underground 26kV Conversion (8362)	4,859	1,631	1,633	1,666	2,006	2,492	2,524	2,496	19,307
Underground Customer Driven Capacity Additions (8360)	24,291	3,013	2,918	2,139	2,169	2,330	2,221	2,214	41,295
Underground Equipment Replacements (8353)	25,437	13,166	7,681	5,898	4,990	5,317	5,705	9,764	77,958
Underground System Capacity Additions (8361)	25,946	2,791	2,715	2,826	2,864	2,948	2,384	4,256	46,730
C3 Distribution - Radial	230,058	67,949	57,625	58,344	52,357	54,553	56,656	62,081	639,623
C4 Distribution - Service Connections						**BCL/Program Code:**			**SCL370-C4**
Advanced Metering Infrastructure (8426)	0	14,002	26,896	33,640	10,791	0	0	0	85,329
Large Overhead and Underground Services (8365)	17,536	3,638	2,947	2,857	2,966	4,114	3,172	4,998	42,228
Major Emergency (8380)	2,144	107	256	259	263	266	270	1,375	4,940
Medium Overhead and Underground Services (8366)	81,966	10,754	10,371	9,879	9,756	9,256	9,044	9,301	150,327
Meter Additions (8054)	62,335	2,919	2,246	2,229	1,934	1,589	1,371	1,570	76,193

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Network Additions and Services - Denny (8405)	608	1,719	1,508	2,372	2,730	2,778	2,530	3,167	17,412
Network Additions and Services: Broad Street Substation (8363)	45,704	6,359	5,889	6,568	6,727	6,885	7,022	6,240	91,394
Network Additions and Svcs: First Hill, Mass, Union & Univer (8364)	30,090	5,454	3,569	4,112	3,020	3,061	3,102	3,599	56,007
Normal Emergency (8379)	6,660	482	494	561	569	577	585	1,746	11,674
Overhead Outage Replacements (8350)	3,249	287	272	304	311	449	950	899	6,721
Small Overhead and Underground Services (8367)	47,924	6,024	6,200	6,257	6,339	5,358	5,275	5,410	88,787
Underground Outage Replacements (8352)	18,425	1,096	1,126	1,146	1,161	1,506	1,941	1,969	28,370
C4 Distribution - Service Connections	316,641	52,841	61,774	70,184	46,567	35,839	35,262	40,274	659,382
C5 Distribution - Distribution Other						**BCL/Program Code:**			**SCL360-C5**
Asset Investment and Optimization (9968)	0	0	0	0	0	0	0	3,374	3,374
Communications Improvements (9009)	10,530	1,553	1,107	995	954	946	962	944	17,991
Distribution Area Communications Networks (9307)	18,702	2,155	1,250	1,199	2,695	2,613	2,912	2,652	34,178
Distribution Management System (9966)	0	0	0	0	0	2,788	1,246	4,650	8,684
Energy Management System (9956)	184	20,428	1,712	151	0	0	0	0	22,475
Enterprise Geographic Information System (9957)	4	3,052	1,990	1,965	2,075	33	0	0	9,119
Enterprise Software Solution Replacement Strategy (9969)	0	0	0	0	0	0	0	12	12
Looped Radial Distribution System GIS Editor Replacement (9958)	2,253	1,106	20	0	0	0	0	0	3,379
Security Improvements (9202)	17,849	8,633	4,641	3,239	2,155	2,199	2,250	2,302	43,268
Special Work Equipment - Other Plant (9102)	19,735	1,227	1,052	1,077	1,103	1,129	1,156	1,184	27,663
Tool Room Automation (9965)	0	648	342	0	0	0	0	0	990
Transformer and Network Load Management Tools Upgrade (9952)	223	58	11	0	0	0	0	0	292

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Transmission & Generation Radio Systems (9108)	14,973	457	294	1,294	1,384	802	991	1,021	21,216
C5 Distribution - Distribution Other	84,453	39,317	12,419	9,920	10,366	10,510	9,517	16,139	192,641
D1 External Projects - Local Jurisdictions						**BCL/Program Code:**			**SCL370-D1**
Citywide Undergrounding Initiative - City Light (8403)	0	2,832	10	11	11	11	11	12	2,898
Shoreline Undergrounding: North City and Aurora Avenue North (8320)	30,208	5,863	54	0	0	0	0	0	36,125
Streetlight Infrastructure Replacement (8460)	3,368	4,587	3,016	3,096	3,173	3,298	3,969	4,365	28,872
Streetlight LED Conversion Program (8441)	21,111	6,746	5,817	5,827	5,462	6,122	7,019	6,795	64,899
Streetlights: Arterial, Residential and Floodlights (8378)	22,074	3,603	3,364	3,410	3,516	3,791	4,297	4,980	49,035
Transportation Streetlights (8377)	9,126	1,741	2,740	755	599	620	1,733	3,614	20,928
D1 External Projects - Local Jurisdictions	85,887	25,372	15,001	13,099	12,761	13,842	17,029	19,766	202,757
D2 External Projects - Transportation Relocations						**BCL/Program Code:**			**SCL370-D2**
Alaskan Way Viaduct and Seawall Replacement - Utility Relocs (8307)	82,393	52,634	5,964	36,171	24,338	4,648	2,486	1,319	209,953
Center City Connector Streetcar – City Light (8470)	0	65	401	2,004	4,007	0	0	0	6,477
First Hill Connector Streetcar (8442)	2,745	816	194	371	0	0	0	0	4,126
Mercer Corridor West Phase Relocations (8443)	1,551	2,496	523	0	0	0	0	0	4,570
Overhead and Underground Relocations (8369)	12,353	2,366	2,505	2,045	2,383	2,517	3,762	3,819	31,750
Sound Transit Light Rail East Link - City Light (8450)	42	1,070	107	505	0	0	0	0	1,724
Sound Transit Lynnwood - City Light (8471)	0	0	216	1,274	1,611	1,579	1,580	1,038	7,298
Sound Transit Northlink - City Light (8427)	2,551	2,626	1,663	419	0	0	0	0	7,259
State Route 520 Bridge Relocations (8435)	0	600	598	210	215	3,088	0	0	4,711
D2 External Projects - Transportation Relocations	101,635	62,673	12,171	42,999	32,554	11,832	7,828	6,176	277,868

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
D3 External Projects - Customer Other						**BCL/Program Code:**			**SCL370-D3**
Creston-Nelson to Intergate East Feeder Installation (8430)	5,923	243	339	299	11	0	0	0	6,815
Neighborhood Voluntary Undergrounding Program (8383)	277	458	16	17	17	17	40	41	883
D3 External Projects - Customer Other	6,200	701	355	316	28	17	40	41	7,698
E1 Central Utility Projects - Customer and Billing						**BCL/Program Code:**			**SCL370-E1**
New Customer Information System (9937)	17,582	17,946	9,255	210	0	0	0	0	44,993
E1 Central Utility Projects - Customer and Billing	17,582	17,946	9,255	210	0	0	0	0	44,993
E2 Central Utility Projects - Finance and IT Systems						**BCL/Program Code:**			**SCL550-E2**
Enterprise Document Management System (9962)	1,938	3,001	1,033	1,783	1,814	1,813	1,399	1,181	13,962
Enterprise Performance Management (9933)	4,504	865	684	0	0	0	0	0	6,053
Information Technology Infrastructure (9915)	44,556	4,379	5,155	3,342	3,409	3,478	3,547	3,618	71,484
IT Security Upgrades (9960)	1,185	1,426	600	560	1,114	1,137	1,161	576	7,759
PeopleSoft Reimplementation - City Light (9970)	0	3,000	14,484	7,677	963	0	0	0	26,124
E2 Central Utility Projects - Finance and IT Systems	52,183	12,671	21,956	13,362	7,300	6,428	6,107	5,375	125,382
E3 Central Utility Projects - Fleets and Facilities						**BCL/Program Code:**			**SCL250-E3**
Bothell Substation Environmental Remediation (9231)	608	985	467	0	0	0	0	0	2,060
Building Envelope Upgrades (9072)	6,902	1,822	1,501	1,512	1,412	1,245	1,258	1,288	16,940
Denny Substation Tenant Improvements (9235)	0	3,100	201	1,994	121	0	0	0	5,416
Energy Conservation (9320)	2,016	703	954	315	323	110	113	116	4,650
Environmental Safeguarding and Remediation of Facilities (9152)	1,197	48	49	54	55	56	57	57	1,573
Equipment Fleet Replacement (9101)	80,680	8,589	5,388	7,519	7,694	7,202	7,207	7,214	131,493
Facilities Infrastructure Improvements (9156)	2,391	369	371	379	388	63	63	64	4,088
Facilities Regulatory Compliance (9151)	838	700	381	337	345	348	356	365	3,670
Georgetown Steamplant Access Road (9233)	0	0	12	0	0	0	0	0	12

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Miscellaneous Building Improvements (9007)	10,138	1,183	1,119	1,159	1,186	1,324	2,748	2,814	21,671
North and South Service Center Improvements (9107)	33,610	793	313	265	271	813	3,929	5,320	45,314
Office Furniture and Equipment Purchase (9103)	18,878	686	524	683	699	1,102	1,128	1,155	24,855
Safety Modifications (9006)	3,514	1,279	1,290	1,300	1,329	1,359	1,351	1,381	12,803
Seismic Mitigation (9134)	5,350	65	31	87	45	93	95	95	5,861
Service Center Development Project (9232)	0	0	0	0	0	59,733	40,349	0	100,082
Special Work Equipment - Shops (8389)	1,160	292	293	300	307	0	0	0	2,352
Substation Comprehensive Improvements (9161)	3,703	199	198	236	236	258	263	267	5,360
Technical Training Center Development (9230)	1,567	11,179	902	307	85	0	0	0	14,040
Workplace and Process Improvement (9159)	4,398	1,335	1,158	1,070	260	852	1,083	1,436	11,592
E3 Central Utility Projects - Fleets and Facilities	176,950	33,327	15,152	17,517	14,756	74,558	60,000	21,572	413,832
Department Total*:	1,704,069	549,970	413,727	393,526	326,522	320,976	351,426	382,007	4,442,223

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Fund Summary

Fund Name & Code	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
City Light Fund (41000)	1,704,069	549,970	413,727	393,526	326,522	320,976	351,426	382,007	4,442,223
Department Total*:	1,704,069	549,970	413,727	393,526	326,522	320,976	351,426	382,007	4,442,223

**Amounts in thousands of dollars*

Advanced Metering Infrastructure

BCL/Program Name:	C4 Distribution - Service Connections	**BCL/Program Code:**	SCL370-C4
Project Type:	New Facility	**Start Date:**	Q1/2014
Project ID:	8426	**End Date:**	Q4/2018
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project replaces approximately 400,000 existing meters with Smart Meters allowing two-way communication between Seattle City Light and its customers, residential or commercial. Smart Meters continuously record and transmit consumption data to the utility. They also automate meter reading, increase customer service, heighten billing capacity, reduce energy consumption, improve outage restoration efficiency, and support rate structure flexibility. Implementation of the project positions the utility to comply with North American Electric Reliability Corporation (NERC) and Federal Energy Regulatory Commission (FERC) programs and requirements.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	14,002	26,896	33,640	10,791	0	0	0	85,329
Total:	0	14,002	26,896	33,640	10,791	0	0	0	85,329
Fund Appropriations/Allocations									
City Light Fund	0	14,002	26,896	33,640	10,791	0	0	0	85,329
Total*:	0	14,002	26,896	33,640	10,791	0	0	0	85,329
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		5,120	22,896	30,640	20,291	3,500	0	0	82,447
Total:		5,120	22,896	30,640	20,291	3,500	0	0	82,447

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Alaskan Way Viaduct and Seawall Replacement - Utility Relocs

BCL/Program Name:	D2 External Projects - Transportation Relocations	**BCL/Program Code:**	SCL370-D2
Project Type:	New Facility	**Start Date:**	Q1/2002
Project ID:	8307	**End Date:**	Q4/2021
Location:	SR 99 / Battery St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project allows the City to comply with its requirements to relocate Seattle City Light's infrastructure associated with the replacement of the Alaskan Way Viaduct and improvements to the Seawall and Central waterfront.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	82,393	52,634	5,964	36,171	24,338	4,648	2,486	1,319	209,953
Total:	82,393	52,634	5,964	36,171	24,338	4,648	2,486	1,319	209,953
Fund Appropriations/Allocations									
City Light Fund	82,393	52,634	5,964	36,171	24,338	4,648	2,486	1,319	209,953
Total*:	82,393	52,634	5,964	36,171	24,338	4,648	2,486	1,319	209,953
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		13,873	23,163	36,171	24,338	4,648	2,486	1,319	105,998
Total:		13,873	23,163	36,171	24,338	4,648	2,486	1,319	105,998

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Asset Investment and Optimization

BCL/Program Name:	C5 Distribution - Distribution Other	**BCL/Program Code:**	SCL360-C5
Project Type:	New Investment	**Start Date:**	Q1/2021
Project ID:	9968	**End Date:**	Q4/2022
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

This project provides development and deployment of a software tool that will enable City Light to perform analytics on its electrical assets; predicting end of life, and performing risk analysis and investment planning to minimize risk for the utility. This project also provides a software tool with the ability to run multiple funding scenarios and sensitivity analyses to create a consistent and long-term approach that can be easily modified when parameters change.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	0	0	0	0	3,374	3,374
Total:	0	0	0	0	0	0	0	3,374	3,374
Fund Appropriations/Allocations									
City Light Fund	0	0	0	0	0	0	0	3,374	3,374
Total*:	0	0	0	0	0	0	0	3,374	3,374

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Automated Utility Design Implementation

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	New Facility	**Start Date:**	Q1/2011
Project ID:	9950	**End Date:**	Q4/2018
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project purchases and installs Automatic Utility Design, a new engineering design software tool to replace outdated drafting software, which is no longer supported by the vendor. The AUD software will provide significant design and production efficiencies at a time when the engineering work load is increasing because of a shift to the engineers of productior tasks. Additionally, the AUD software will enforce common North and South Service Center engineering practices and procedures and provide an essential interface with WAMS (Work and Asset Management System) and OMS (Outage Management System).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	2,595	2,740	644	732	750	0	0	0	7,461
Total:	2,595	2,740	644	732	750	0	0	0	7,461
Fund Appropriations/Allocations									
City Light Fund	2,595	2,740	644	732	750	0	0	0	7,461
Total*:	2,595	2,740	644	732	750	0	0	0	7,461
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		430	644	1,032	1,050	0	0	0	3,156
Total:		430	644	1,032	1,050	0	0	0	3,156

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Bothell Substation Environmental Remediation

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	9231	**End Date:**	Q4/2016
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

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 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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	608	985	467	0	0	0	0	0	2,060
Total:	608	985	467	0	0	0	0	0	2,060
Fund Appropriations/Allocations									
City Light Fund	608	985	467	0	0	0	0	0	2,060
Total*:	608	985	467	0	0	0	0	0	2,060
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		943	467	0	0	0	0	0	1,410
Total:		943	467	0	0	0	0	0	1,410

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Boundary - Access Road Stability Improvements

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2016
Project ID:	6615	**End Date:**	Q4/2018
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project provides construction of a substantial slope stabilization (design tbd, pending geotechnical report) in the area of the cut to limit maintenance inputs, insure continued access to the powerhouse and downstream areas, and improve safety (present debris flows occasionally contain larger sized rocks).

The relocated portions of the West Access Road's slopes have continued to ravel since relocation occurred in the early 00's. This causes a maintenance issue for the crews as cleaning behind the existing containment line of ecology blocks at either road edge is difficult. There is also believed to be a risk that the slope could fail in a more conclusive fashion and block access to the downstream area and powerhouse. Additionally the upslope interceptor ditch (a concrete channel) has suffered undermining erosion causing the concrete to subside and not perform well at channelizing and conveying sheet flow away from the slope face.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	519	979	103	0	0	0	1,601
Total:	0	0	519	979	103	0	0	0	1,601
Fund Appropriations/Allocations									
City Light Fund	0	0	519	979	103	0	0	0	1,601
Total*:	0	0	519	979	103	0	0	0	1,601
Spending Plan by Fund									
City Light Fund		18	519	979	103	0	0	0	1,619
Total:		18	519	979	103	0	0	0	1,619

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Boundary - DC Battery System & Charge Modernization

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	6566	**End Date:**	Q4/2017
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project will replace the existing DC battery system at Boundary.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	3	264	146	0	0	0	0	413
Total:	0	3	264	146	0	0	0	0	413
Fund Appropriations/Allocations									
City Light Fund	0	3	264	146	0	0	0	0	413
Total*:	0	3	264	146	0	0	0	0	413
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		0	264	146	0	0	0	0	410
Total:		0	264	146	0	0	0	0	410

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Boundary - Entrance Improvements

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	6601	**End Date:**	Q4/2016
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project will make the security entrance to the Boundary Hydro Project safer for employees, working at the site, for the security guard, and for visitors. The access road to the security gate will be realigned so the guard station can be accessed between lanes of incoming and outgoing traffic instead of from the road shoulder. This will increase the guards' view of approaching traffic and will also allow traffic more time to slow down when approaching the guard station. A permanent building will be installed with water service, a restroom, and an electrical room. New signage will also be installed.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	256	1,945	0	0	0	0	0	2,201
Total:	0	256	1,945	0	0	0	0	0	2,201
Fund Appropriations/Allocations									
City Light Fund	0	256	1,945	0	0	0	0	0	2,201
Total*:	0	256	1,945	0	0	0	0	0	2,201
Spending Plan by Fund									
City Light Fund		174	1,945	0	0	0	0	0	2,119
Total:		174	1,945	0	0	0	0	0	2,119

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Boundary - Licensing Mitigation

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	New Investment	**Start Date:**	Q1/2009
Project ID:	6987	**End Date:**	Q4/2025
Location:	10382 Boundary Rd, Metaline, WA 99153		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	16,714	40,043	14,294	23,585	14,487	13,386	13,545	15,135	151,189
Total:	16,714	40,043	14,294	23,585	14,487	13,386	13,545	15,135	151,189
Fund Appropriations/Allocations									
City Light Fund	16,714	40,043	14,294	23,585	14,487	13,386	13,545	15,135	151,189
Total*:	16,714	40,043	14,294	23,585	14,487	13,386	13,545	15,135	151,189
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		822	24,742	29,105	19,882	16,396	14,055	15,135	120,137
Total:		822	24,742	29,105	19,882	16,396	14,055	15,135	120,137

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Boundary - New Unit - 57

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	New Facility	**Start Date:**	Q1/2017
Project ID:	6533	**End Date:**	Q4/2022
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project will build a new hydro-generator unit (Unit 57) at Boundary Dam. The new unit will be used for exclusive load balancing, reducing the wear and tear on the existing units 51-56 which allows for steady state operation minimizing Total Dissolved Gas values in certain spill conditions. Instead of wasting water resources to spill, this new unit will provide more power production.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	97	271	1,177	3,351	13,822	18,718
Total:	0	0	0	97	271	1,177	3,351	13,822	18,718
Fund Appropriations/Allocations									
City Light Fund	0	0	0	97	271	1,177	3,351	13,822	18,718
Total*:	0	0	0	97	271	1,177	3,351	13,822	18,718
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Boundary - Unit 55 Exciter Replacement

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	6602	**End Date:**	Q4/2018
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project installs a new electrical exciter for the Boundary Powerhouse Unit 55 Generator. A recent rewind has increased the generating capacity of the unit, and an upgraded exciter is required to reliably realize the increased capacity.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	199	228	72	76	0	0	0	575
Total:	0	199	228	72	76	0	0	0	575
Fund Appropriations/Allocations									
City Light Fund	0	199	228	72	76	0	0	0	575
Total*:	0	199	228	72	76	0	0	0	575
Spending Plan by Fund									
City Light Fund		1,389	228	72	76	0	0	0	1,765
Total:		1,389	228	72	76	0	0	0	1,765

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

Boundary - Unit 56 Exciter Replacement

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2016
Project ID:	6603	**End Date:**	Q4/2017
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project provides installation of a new electrical exciter on the Boundary Powerhouse Unit 56 Generator. The unit's schedule for a rewind started in 2014, ioncreasing the capacity of the unit. The project also provides an upgraded exciter needed to reliably realize the additional capacity over the new life of the unit.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	1,250	1,198	95	0	0	0	0	2,543
Total:	0	1,250	1,198	95	0	0	0	0	2,543
Fund Appropriations/Allocations									
City Light Fund	0	1,250	1,198	95	0	0	0	0	2,543
Total*:	0	1,250	1,198	95	0	0	0	0	2,543
Spending Plan by Fund									
City Light Fund		111	1,198	95	0	0	0	0	1,404
Total:		111	1,198	95	0	0	0	0	1,404

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

Boundary Dam - Instrumentation Upgrade and Integration

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2006
Project ID:	6343	**End Date:**	Q4/2016
Location:	10382 Boundary Rd, Metaline, WA 99153		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project funds a purchase and installation contract with an electrical contractor or supplier to upgrade or replace Unit 51-56 unit control boards, to enhance and permit a full interface with a new network-based control system. Full interface is required for long-term goal of complete plant automation.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	9,727	1,093	278	0	0	0	0	0	11,098
Total:	9,727	1,093	278	0	0	0	0	0	11,098
Fund Appropriations/Allocations									
City Light Fund	9,727	1,093	278	0	0	0	0	0	11,098
Total*:	9,727	1,093	278	0	0	0	0	0	11,098
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		595	278	0	0	0	0	0	873
Total:		595	278	0	0	0	0	0	873

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

Boundary Facility - Minor Improvements Program

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1989
Project ID:	6401	**End Date:**	Q4/2022
Location:	10382 Boundary Rd, Metaline, WA 99153		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides financial coverage for emergent capital projects, specifically related to Boundary Facilities. These projects are, by definition, unforeseeable, unscheduled, unpredictable, and occur on a first-come, first serve basis. This project shows increased project allocations in years 2015 to 2017. This increase reflects anticipated baseline CIP spending levels for the Boundary Facility that are in line with Strategic Plan assumptions. These future year allocations will be broken out into specific CIP projects.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	14,958	3,481	1,414	1,358	2,656	2,906	10,191	6,848	43,812
Total:	14,958	3,481	1,414	1,358	2,656	2,906	10,191	6,848	43,812
Fund Appropriations/Allocations									
City Light Fund	14,958	3,481	1,414	1,358	2,656	2,906	10,191	6,848	43,812
Total*:	14,958	3,481	1,414	1,358	2,656	2,906	10,191	6,848	43,812
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		2,643	1,414	1,358	2,656	2,906	10,191	6,848	28,016
Total:		2,643	1,414	1,358	2,656	2,906	10,191	6,848	28,016

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

Boundary Powerhouse - Transformer Bank Rockfall Mitigation

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2008
Project ID:	6485	**End Date:**	Q4/2022
Location:	10382 Boundary Rd, Metaline, WA 99153		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project constructs an intermediate switchyard at Boundary, installs new cables routed through tunnels to the surface from the Boundary Dam transformers to the switchyard, and constructs a transmission line from the switchyard to the BPA Switching Station. This project mitigates the likelihood of rock fall damage to a transformer, the bonnet over the transformer, transformer equipment, conductors, or outriggers. It reduces the likelihood of damage from such an incident which could be catastrophic and result in extended outages, personal injury, and death.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	502	54	0	0	0	248	66	12,301	13,171
Total:	502	54	0	0	0	248	66	12,301	13,171
Fund Appropriations/Allocations									
City Light Fund	502	54	0	0	0	248	66	12,301	13,171
Total*:	502	54	0	0	0	248	66	12,301	13,171
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		0	0	0	0	248	66	12,301	12,615
Total:		0	0	0	0	248	66	12,301	12,615

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

Boundary Powerhouse - Unit 51 Generator Rebuild

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2016
Project ID:	6351	**End Date:**	Q4/2021
Location:	10382 Boundary Rd, Metaline, WA 99153		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	838	11,224	4,377	3,916	910	950	22,215
Total:	0	0	838	11,224	4,377	3,916	910	950	22,215
Fund Appropriations/Allocations									
City Light Fund	0	0	838	11,224	4,377	3,916	910	950	22,215
Total*:	0	0	838	11,224	4,377	3,916	910	950	22,215
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		0	838	1,224	9,377	8,916	910	950	22,215
Total:		0	838	1,224	9,377	8,916	910	950	22,215

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

Boundary Powerhouse - Unit 52 Generator Rebuild

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2018
Project ID:	6535	**End Date:**	Q4/2021
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project provides the rebuilding of Generator Unit 52 at the Boundary Powerhouse, as the current unit has reached the end of its normal service life. The rewind and rehabilitation of the generator includes the stator core, stator bars, rotor poles, etc. Mechanical upgrades such as seal rings and wicket gates may also be installed.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	0	1,171	10,979	4,936	2,141	19,227
Total:	0	0	0	0	1,171	10,979	4,936	2,141	19,227
Fund Appropriations/Allocations									
City Light Fund	0	0	0	0	1,171	10,979	4,936	2,141	19,227
Total*:	0	0	0	0	1,171	10,979	4,936	2,141	19,227
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Boundary Powerhouse - Unit 54 Generator Rebuild

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2017
Project ID:	6353	**End Date:**	Q4/2020
Location:	10382 Boundary Rd, Metaline, WA 99153		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project provides rewinding and refurbishing of the Boundary Powerhouse Unit 54 generator, which is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators. This project also provides replacement of the carbon dioxide fire-suppression system with a water sprinkler system to improve worker safety. If technology is sufficiently advanced, it may also include a rotor-mounted scanner or other diagnostic equipment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	656	11,423	3,811	471	0	16,361
Total:	0	0	0	656	11,423	3,811	471	0	16,361
Fund Appropriations/Allocations									
City Light Fund	0	0	0	656	11,423	3,811	471	0	16,361
Total*:	0	0	0	656	11,423	3,811	471	0	16,361
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Boundary Powerhouse - Unit 56 Generator Rebuild

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2011
Project ID:	6354	**End Date:**	Q4/2016
Location:	10382 Boundary Rd, Metaline, WA 99153		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project funds the rewinding and refurbishing of the Unit 56 generator, which is part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators. This project also replaces the carbon dioxide fire-suppression system with a water sprinkler system, to improve worker safety, and may also include a rotor-mounted scanner or other diagnostic equipment as part of the rebuild.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	11,261	14,620	88	0	0	0	0	0	25,969
Total:	11,261	14,620	88	0	0	0	0	0	25,969
Fund Appropriations/Allocations									
City Light Fund	11,261	14,620	88	0	0	0	0	0	25,969
Total*:	11,261	14,620	88	0	0	0	0	0	25,969
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		7,029	1,088	0	0	0	0	0	8,117
Total:		7,029	1,088	0	0	0	0	0	8,117

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

Boundary Powerhouse - Unit 56 Turbine Runner Replacement

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2011
Project ID:	6490	**End Date:**	Q4/2016
Location:	10382 Boundary Rd, Metaline, WA 99153		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	TBD
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project replaces the Boundary Unit 56 turbine runner, to enhance Unit efficiency.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	10,106	3,311	73	0	0	0	0	0	13,490
Total:	10,106	3,311	73	0	0	0	0	0	13,490
Fund Appropriations/Allocations									
City Light Fund	10,106	3,311	73	0	0	0	0	0	13,490
Total*:	10,106	3,311	73	0	0	0	0	0	13,490
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		742	73	0	0	0	0	0	815
Total:		742	73	0	0	0	0	0	815

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

Boundary Switchyard - BPA Reliability Improvements

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	
Project ID:	6611	**End Date:**	
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total

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

Boundary Switchyard - Generator Step-up Transformers

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	New Facility	**Start Date:**	Q1/2010
Project ID:	6493	**End Date:**	Q4/2021
Location:	10382 Boundary Rd, Metaline, WA 99153		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project replaces existing step-up transformers at Boundary Dam, which are 50 years old and have exceeded their reliable service life. This project also includes a spare transformer as normal delivery time for transformers from order to on-site is 18 to 24 months. This project enhances long term reliability and allows for City Light to avoid a prolonged loss of generation capacity.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	700	5,504	7,156	6,760	6,328	6,512	6,235	8,132	47,327
Total:	700	5,504	7,156	6,760	6,328	6,512	6,235	8,132	47,327
Fund Appropriations/Allocations									
City Light Fund	700	5,504	7,156	6,760	6,328	6,512	6,235	8,132	47,327
Total*:	700	5,504	7,156	6,760	6,328	6,512	6,235	8,132	47,327
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		3,052	7,156	6,760	6,328	6,512	6,235	8,132	44,175
Total:		3,052	7,156	6,760	6,328	6,512	6,235	8,132	44,175

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

Broad Street Substation - Network

BCL/Program Name:	C2 Distribution - Network	**BCL/Program Code:**	SCL360-C2
Project Type:	New Facility	**Start Date:**	Q1/1999
Project ID:	8203	**End Date:**	Q4/2026
Location:	319 6th AVE N		
Neighborhood Plan:	South Lake Union	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project funds a programmatic approach for comprehensive management of underground network assets serving customers in the Belltown and Denny Regrade areas. The project enhances network reliability and provides sufficient service capacity for the growing electrical power needs of the Denny Triangle and potentially a portion of South Lake Union area.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	68,374	10,918	16,754	2,883	2,390	3,653	4,523	8,872	118,367
Total:	68,374	10,918	16,754	2,883	2,390	3,653	4,523	8,872	118,367
Fund Appropriations/Allocations									
City Light Fund	68,374	10,918	16,754	2,883	2,390	3,653	4,523	8,872	118,367
Total*:	68,374	10,918	16,754	2,883	2,390	3,653	4,523	8,872	118,367
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		10,869	16,754	2,883	2,390	3,653	4,523	8,872	49,944
Total:		10,869	16,754	2,883	2,390	3,653	4,523	8,872	49,944

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

Broadband - City Light

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	New Facility	**Start Date:**	Q1/2014
Project ID:	8465	**End Date:**	Q4/2022
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project provides support for expansion of broadband service to the entire City. This will involve the installation of approximately 200-250 miles of fiber optic cable, impacting about 8,000 - 10,000 utility poles. Types of construction City Light will perform include pole replacements, relocations of existing wires, equipment installation, commissioning, and inspections. This work is 100% customer driven and reimbursable.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	499	2,529	2,600	2,762	2,716	2,766	3,148	3,161	20,181
Total:	499	2,529	2,600	2,762	2,716	2,766	3,148	3,161	20,181
Fund Appropriations/Allocations									
City Light Fund	499	2,529	2,600	2,762	2,716	2,766	3,148	3,161	20,181
Total*:	499	2,529	2,600	2,762	2,716	2,766	3,148	3,161	20,181
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,301	2,600	2,762	2,716	2,766	3,148	3,161	18,454
Total:		1,301	2,600	2,762	2,716	2,766	3,148	3,161	18,454

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

Building Envelope Upgrades

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2004
Project ID:	9072	**End Date:**	Q4/2021
Location:	500 Newhalem Creek Rd, Marblemount, WA 98267		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	6,902	1,822	1,501	1,512	1,412	1,245	1,258	1,288	16,940
Total:	6,902	1,822	1,501	1,512	1,412	1,245	1,258	1,288	16,940
Fund Appropriations/Allocations									
City Light Fund	6,902	1,822	1,501	1,512	1,412	1,245	1,258	1,288	16,940
Total*:	6,902	1,822	1,501	1,512	1,412	1,245	1,258	1,288	16,940
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		787	1,501	1,512	1,412	1,245	1,258	1,288	9,003
Total:		787	1,501	1,512	1,412	1,245	1,258	1,288	9,003

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

Cedar Falls - Bank 6 Replacement

BCL/Program Name:	A3 Power Supply - Cedar Falls - Tolt	**BCL/Program Code:**	SCL250-A3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2018
Project ID:	6573	**End Date:**	Q4/2020
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	0	1,420	2,281	861	0	4,562
Total:	0	0	0	0	1,420	2,281	861	0	4,562
Fund Appropriations/Allocations									
City Light Fund	0	0	0	0	1,420	2,281	861	0	4,562
Total*:	0	0	0	0	1,420	2,281	861	0	4,562
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Cedar Falls - DC Battery System and Charge Modernization

BCL/Program Name:	A3 Power Supply - Cedar Falls - Tolt	**BCL/Program Code:**	SCL250-A3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	6572	**End Date:**	Q4/2017
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project will replace the existing DC battery system at Cedar Falls.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	107	28	24	0	0	0	0	159
Total:	0	107	28	24	0	0	0	0	159
Fund Appropriations/Allocations									
City Light Fund	0	107	28	24	0	0	0	0	159
Total*:	0	107	28	24	0	0	0	0	159
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		0	28	24	0	0	0	0	52
Total:		0	28	24	0	0	0	0	52

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

Cedar Falls - Masonry Dam Stream Flow System Retrofit

BCL/Program Name:	A3 Power Supply - Cedar Falls - Tolt	**BCL/Program Code:**	SCL250-A3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	6534	**End Date:**	Q4/2016
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project replaces flow sensing devices at the Cedar Falls Masonry Dam. The flow sensing devices are in need of replacement due to age and configuration.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	141	61	0	0	0	0	0	202
Total:	0	141	61	0	0	0	0	0	202
Fund Appropriations/Allocations									
City Light Fund	0	141	61	0	0	0	0	0	202
Total*:	0	141	61	0	0	0	0	0	202
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		139	61	0	0	0	0	0	200
Total:		139	61	0	0	0	0	0	200

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

Cedar Falls - New Generator 5/6 Exciters

BCL/Program Name:	A3 Power Supply - Cedar Falls - Tolt	**BCL/Program Code:**	SCL250-A3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	6531	**End Date:**	Q4/2019
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project replaces the aging generator excitation systems for Generators 5 & 6 at Cedar Falls, to standardize systems with Basler products, in order to meet current WECC standards.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	210	0	0	213	112	0	0	535
Total:	0	210	0	0	213	112	0	0	535
Fund Appropriations/Allocations									
City Light Fund	0	210	0	0	213	112	0	0	535
Total*:	0	210	0	0	213	112	0	0	535
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		0	0	0	213	112	0	0	325
Total:		0	0	0	213	112	0	0	325

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

Cedar Falls Powerhouse - Penstock Stabilization

BCL/Program Name:	A3 Power Supply - Cedar Falls - Tolt	**BCL/Program Code:**	SCL250-A3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	6358	**End Date:**	Q4/2019
Location:	19901 Cedar Falls Rd SE, North Bend, WA 98045		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project installs a seismic upgrade of penstock bridges, repairs sagging or broken penstock support saddles, and refurbishes the exterior surfaces to extend the life of two 78-inch diameter steel penstocks. It also reduces risks of damage from earthquakes and restores the exterior coating on the pipes in the areas where the penstocks are buried. Any penstock failure will likely damage the environment and Seattle's water supply, and could jeopardize the City's ability to fulfill its obligation to regulate fish flows in the Cedar River.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	2,084	0	0	318	542	186	0	0	3,130
Total:	2,084	0	0	318	542	186	0	0	3,130
Fund Appropriations/Allocations									
City Light Fund	2,084	0	0	318	542	186	0	0	3,130
Total*:	2,084	0	0	318	542	186	0	0	3,130
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay

BCL/Program Name:	A3 Power Supply - Cedar Falls - Tolt	**BCL/Program Code:**	SCL250-A3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	6450	**End Date:**	Q4/2016
Location:	19901 Cedar Falls Rd SE, North Bend, WA 98045		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**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. This project replaces existing protective relays, upgrades the generator protection packages, and replaces the electrical and mechanical lockout relays. The project permits City Light to comply with the North American Electric Reliability Council (NERC) and the Western Electricity Coordinating Council (WECC) regional requirements for maintaining the generator in-service during system disturbances.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	1,025	454	532	0	0	0	0	0	2,011
Total:	1,025	454	532	0	0	0	0	0	2,011
Fund Appropriations/Allocations									
City Light Fund	1,025	454	532	0	0	0	0	0	2,011
Total*:	1,025	454	532	0	0	0	0	0	2,011
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		54	532	0	0	0	0	0	586
Total:		54	532	0	0	0	0	0	586

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

Cedar Falls Powerhouse - Valvehouse Rehabilitation

BCL/Program Name:	A3 Power Supply - Cedar Falls - Tolt	**BCL/Program Code:**	SCL250-A3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2020
Project ID:	6324	**End Date:**	Q4/2021
Location:	19901 Cedar Falls Rd SE, North Bend, WA 98045		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project provides rehabilitation to the Cedar Falls Valvehouse. The extent of the rehabilitation is yet to be determined, but could include exterior structural improvements, replacement of windows, oil spill prevention, and interior remodeling.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	0	0	0	659	3,184	3,843
Total:	0	0	0	0	0	0	659	3,184	3,843
Fund Appropriations/Allocations									
City Light Fund	0	0	0	0	0	0	659	3,184	3,843
Total*:	0	0	0	0	0	0	659	3,184	3,843
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Cedar Falls/South Fork Tolt - Minor Improvements Program

BCL/Program Name:	A3 Power Supply - Cedar Falls - Tolt	**BCL/Program Code:**	SCL250-A3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2005
Project ID:	6406	**End Date:**	Q4/2022
Location:	19901 Cedar Falls Rd SE, North Bend, WA 98045		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides financial coverage for emergent capital projects related to the Cedar Falls and South Fork Tolt Facilities. In addition, it funds scheduled, small capital projects that have cost estimates less than $25,000. These projects are, by definition, unforeseeable, unscheduled, unpredictable, and occur on a first-come, first serve basis. This project shows increased project allocations in years 2015 to 2018. This increase reflects anticipated baseline CIP spending levels for the Cedar Falls and South Fork Tolt Facility that are in line with Strategic Plan assumptions. These future year allocations will be broken out into specific CIP projects for the next year's CIP.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	6,037	751	1,231	1,237	1,174	1,195	2,346	2,973	16,944
Total:	6,037	751	1,231	1,237	1,174	1,195	2,346	2,973	16,944
Fund Appropriations/Allocations									
City Light Fund	6,037	751	1,231	1,237	1,174	1,195	2,346	2,973	16,944
Total*:	6,037	751	1,231	1,237	1,174	1,195	2,346	2,973	16,944
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		866	1,231	1,237	1,174	1,195	2,346	2,973	11,022
Total:		866	1,231	1,237	1,174	1,195	2,346	2,973	11,022

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

Center City Connector Streetcar – City Light

BCL/Program Name:	D2 External Projects - Transportation Relocations	**BCL/Program Code:**	SCL370-D2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2016
Project ID:	8470	**End Date:**	Q4/2018
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

This project provides power relocations & service for the proposed SDOT Center City Connector Streetcar project. City Light has buried primary distribution power cables, some of which are encased in old clay tile ducts, which do not meet current standards, and are unlikely to be able to withstand the forces generated by the streetcar's operation. Any streetcar alignment to be built across such old facilities would likely need a reinforced roadbed for SCL facilities to withstand the additional weight.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	65	401	2,004	4,007	0	0	0	6,477
Total:	0	65	401	2,004	4,007	0	0	0	6,477
Fund Appropriations/Allocations									
City Light Fund	0	65	401	2,004	4,007	0	0	0	6,477
Total*:	0	65	401	2,004	4,007	0	0	0	6,477
Spending Plan by Fund									
City Light Fund		44	401	2,004	4,007	0	0	0	6,456
Total:		44	401	2,004	4,007	0	0	0	6,456

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

Citywide Undergrounding Initiative - City Light

BCL/Program Name:	D1 External Projects - Local Jurisdictions	**BCL/Program Code:**	SCL370-D1
Project Type:	New Facility	**Start Date:**	Q1/2010
Project ID:	8403	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides funding for emergent undergrounding projects. It provides a baseline commitment to take advantage of undergrounding opportunities in the course of transportation and utility projects in the City.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	2,832	10	11	11	11	11	12	2,898
Total:	0	2,832	10	11	11	11	11	12	2,898
Fund Appropriations/Allocations									
City Light Fund	0	2,832	10	11	11	11	11	12	2,898
Total*:	0	2,832	10	11	11	11	11	12	2,898
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		6	10	11	11	11	11	12	72
Total:		6	10	11	11	11	11	12	72

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

Communications Improvements

BCL/Program Name:	C5 Distribution - Distribution Other	**BCL/Program Code:**	SCL360-C5
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	9009	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program provides funding for unforeseen emergent and critical work on City Light's communications systems to replace communications components due to failure, changing regulatory and security requirements, and requests from customers or other agencies. This project enhances flexibility to address emergent communication systems problems.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	10,530	1,553	1,107	995	954	946	962	944	17,991
Total:	10,530	1,553	1,107	995	954	946	962	944	17,991
Fund Appropriations/Allocations									
City Light Fund	10,530	1,553	1,107	995	954	946	962	944	17,991
Total*:	10,530	1,553	1,107	995	954	946	962	944	17,991
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,041	1,107	995	954	946	962	944	6,949
Total:		1,041	1,107	995	954	946	962	944	6,949

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Creston-Nelson to Intergate East Feeder Installation

BCL/Program Name:	D3 External Projects - Customer Other	**BCL/Program Code:**	SCL370-D3
Project Type:	New Facility	**Start Date:**	Q1/2009
Project ID:	8430	**End Date:**	Q4/2018
Location:	Tukwila		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

The project installs a new feeder to supply the Sabey Corporation's Intergate East Internet Center in Tukwila from the Creston-Nelson Substation. The project includes design, permit preparation, and evaluates customer load requirements.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	5,923	243	339	299	11	0	0	0	6,815
Total:	5,923	243	339	299	11	0	0	0	6,815
Fund Appropriations/Allocations									
City Light Fund	5,923	243	339	299	11	0	0	0	6,815
Total*:	5,923	243	339	299	11	0	0	0	6,815
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		335	339	299	11	0	0	0	984
Total:		335	339	299	11	0	0	0	984

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

Dallas Ave. 26 kV Crossing

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2005
Project ID:	8322	**End Date:**	Q4/2021
Location:	Dallas Ave S/14th Ave S		
Neighborhood Plan:	Duwamish	**Council District:**	2
Neighborhood District:	Greater Duwamish	**Urban Village:**	South Park

This project reinstalls two 26kV feeders across the Duwamish River. This crossing backs up the Cambridge Corridor Crossing, providing redundant power supply to the area along East Marginal Way South. The area has many large industrial accounts, including Jorgenson Steel, Kenworth Trucking, and a number of Boeing plants.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	816	1,583	459	1	145	13	1	1	3,019
Total:	816	1,583	459	1	145	13	1	1	3,019
Fund Appropriations/Allocations									
City Light Fund	816	1,583	459	1	145	13	1	1	3,019
Total*:	816	1,583	459	1	145	13	1	1	3,019
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		197	459	1	145	13	1	1	817
Total:		197	459	1	145	13	1	1	817

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

Denny Substation - Network

BCL/Program Name:	C2 Distribution - Network	**BCL/Program Code:**	SCL360-C2
Project Type:	New Facility	**Start Date:**	Q1/2012
Project ID:	8404	**End Date:**	Q4/2026
Location:	Valley Street/Denny Ave		
Neighborhood Plan:	South Lake Union	**Council District:**	TBD
Neighborhood District:	Lake Union	**Urban Village:**	South Lake Union

This ongoing project provides network system design and construction, engineering design at the substation network interface, and underground conversion of the streetlight, traffic signals, and telecom and fiber optic systems. This project relates Project 7757, Denny Substation Development and Project 8405, Denny Network Services and Additions whose objective is customer hookups via the network to the new substation.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	2,447	20,718	24,349	4,789	3,813	3,498	10,878	12,402	82,894
Total:	2,447	20,718	24,349	4,789	3,813	3,498	10,878	12,402	82,894
Fund Appropriations/Allocations									
City Light Fund	2,447	20,718	24,349	4,789	3,813	3,498	10,878	12,402	82,894
Total*:	2,447	20,718	24,349	4,789	3,813	3,498	10,878	12,402	82,894
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		11,792	23,349	11,789	3,813	3,498	10,878	12,402	77,521
Total:		11,792	23,349	11,789	3,813	3,498	10,878	12,402	77,521

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

Denny Substation Development

BCL/Program Name:	C1 Distribution - Substations	**BCL/Program Code:**	SCL360-C1
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	7757	**End Date:**	Q4/2018
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project designs and builds a 200 MVA substation on Denny Ave. The project funds site acquisition, environmental management and remediation of land, design of the substation, and construction of the substation. It provides capacity to meet load growth, provides the operational flexibility to operate the electrical system to serve new development and existing load, and supports development of an underground network.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	74,243	25,572	41,706	42,577	25,402	0	0	0	209,500
Total:	74,243	25,572	41,706	42,577	25,402	0	0	0	209,500
Fund Appropriations/Allocations									
City Light Fund	74,243	25,572	41,706	42,577	25,402	0	0	0	209,500
Total*:	74,243	25,572	41,706	42,577	25,402	0	0	0	209,500
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		3,863	38,055	42,577	35,402	0	0	0	119,897
Total:		3,863	38,055	42,577	35,402	0	0	0	119,897

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

Denny Substation Tenant Improvements

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2016
Project ID:	9235	**End Date:**	Q4/2018
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

This ongoing project provides program, design, and construction of interior improvements within two building shell spaces within the Denny Substation. The two spaces are a southwest shell space which may house a community center or similar public amenity and a southeast shell space which may house a learning resource center or similar public amenity.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	3,100	201	1,994	121	0	0	0	5,416
Total:	0	3,100	201	1,994	121	0	0	0	5,416
Fund Appropriations/Allocations									
City Light Fund	0	3,100	201	1,994	121	0	0	0	5,416
Total*:	0	3,100	201	1,994	121	0	0	0	5,416
Spending Plan by Fund									
City Light Fund		714	201	4,394	121	0	0	0	5,430
Total:		714	201	4,394	121	0	0	0	5,430

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

Denny Substation Transmission Lines

BCL/Program Name:	B1 Transmission - Transmission	**BCL/Program Code:**	SCL360-B1
Project Type:	New Facility	**Start Date:**	Q1/2008
Project ID:	7125	**End Date:**	Q4/2021
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project designs and constructs transmission lines to support the new Denny Substation. These transmission lines are created by dividing the existing Pine to Broad Street transmission line into two transmission lines. The remaining new lines will come from the Canal and Massachusetts substations. This project also provides for undergrounding the transmission lines.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	618	1,701	257	246	6,814	2,195	12,070	42,354	66,255
Total:	618	1,701	257	246	6,814	2,195	12,070	42,354	66,255
Fund Appropriations/Allocations									
City Light Fund	618	1,701	257	246	6,814	2,195	12,070	42,354	66,255
Total*:	618	1,701	257	246	6,814	2,195	12,070	42,354	66,255
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		804	257	246	7,414	2,195	12,070	42,354	65,340
Total:		804	257	246	7,414	2,195	12,070	42,354	65,340

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

Diablo - Incline Rehabilitation

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2018
Project ID:	6588	**End Date:**	Q4/2020
Location:	Milepost 126 Stte Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project provides an alternate way to access Ross Powerhouse by rehabilitating the historic incline lift in Diablo.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	0	110	72	2,315	0	2,497
Total:	0	0	0	0	110	72	2,315	0	2,497
Fund Appropriations/Allocations									
City Light Fund	0	0	0	0	110	72	2,315	0	2,497
Total*:	0	0	0	0	110	72	2,315	0	2,497
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Diablo - Load Interrupters Replacement

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	6532	**End Date:**	Q4/2017
Location:	Milepost 126 Stte Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project replaces load interrupters at Diablo Banks Generators No. 31 and 32. The existing 230kV load interrupters have reached the end of their useful life and need to be replaced. This project will replace the load interrupters with SF6 Gas Insulated Switchgear.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	52	0	3,126	184	0	0	0	0	3,362
Total:	52	0	3,126	184	0	0	0	0	3,362
Fund Appropriations/Allocations									
City Light Fund	52	0	3,126	184	0	0	0	0	3,362
Total*:	52	0	3,126	184	0	0	0	0	3,362
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		99	3,126	184	0	0	0	0	3,409
Total:		99	3,126	184	0	0	0	0	3,409

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

Diablo - Replace AC Panels

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	6584	**End Date:**	Q4/2016
Location:	Milepost 126 Stte Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project will replace air conditioning panels at Diablo.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	178	528	0	0	0	0	0	706
Total:	0	178	528	0	0	0	0	0	706
Fund Appropriations/Allocations									
City Light Fund	0	178	528	0	0	0	0	0	706
Total*:	0	178	528	0	0	0	0	0	706
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		90	528	0	0	0	0	0	618
Total:		90	528	0	0	0	0	0	618

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

Diablo - Replace Bank Transformers

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2020
Project ID:	6589	**End Date:**	Q4/2022
Location:	Milepost 126 Stte Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project replaces the Diablo power step up transformers in 2021 when they reach the end of their useful life.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	0	0	0	113	922	1,035
Total:	0	0	0	0	0	0	113	922	1,035
Fund Appropriations/Allocations									
City Light Fund	0	0	0	0	0	0	113	922	1,035
Total*:	0	0	0	0	0	0	113	922	1,035
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Diablo Dam - Spill Gate Trunnion Upgrades

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2016
Project ID:	6610	**End Date:**	Q4/2022
Location:	Milepost 126 Stte Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project provides replacement of the trunnion bushings in all 20 of Diablo Dam's spill gates with new synthetic bushings that are permanently sealed and lubricated, and perform associated supporting work.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	251	120	128	135	143	150	158	1,085
Total:	0	251	120	128	135	143	150	158	1,085
Fund Appropriations/Allocations									
City Light Fund	0	251	120	128	135	143	150	158	1,085
Total*:	0	251	120	128	135	143	150	158	1,085
Spending Plan by Fund									
City Light Fund		139	120	128	135	143	150	158	973
Total:		139	120	128	135	143	150	158	973

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

Diablo Facility - Incline Lift Rehabilitation

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2020
Project ID:	6457	**End Date:**	Q4/2022
Location:	Milepost 126 Stte Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project provides restoration of the backup access route to the Ross Powerhouse and Ross Dam. The Diablo Incline Lift, which had provided backup access, has become unusable due to deterioration of its components. The backup access is essential as there is only one road to get to the Ross Project. If the road becomes impassable, all means of access are cut off, which prevents emergency transportation or delivery of spare parts.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	0	0	0	30	59	89
Total:	0	0	0	0	0	0	30	59	89
Fund Appropriations/Allocations									
City Light Fund	0	0	0	0	0	0	30	59	89
Total*:	0	0	0	0	0	0	30	59	89
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Diablo Facility - Lines Protection Upgrades

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2011
Project ID:	6483	**End Date:**	Q4/2018
Location:	Milepost 126 State Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project provides updated line protection schemes on the Diablo Facility D1, D2, & D3 Lines, utilizing electro-mechanical relays. The project also replaces existing relays, which are approaching the reasonable service life and lack essential fault location capability. The project replacements include microprocessor based digital relays, fault location and event reporting, lockout and test switching capabilities, and communication assisted transfer trip utilizing the mirrored bits function of the digital relays.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	3,486	1,658	405	1,404	97	0	0	0	7,050
Total:	3,486	1,658	405	1,404	97	0	0	0	7,050
Fund Appropriations/Allocations									
City Light Fund	3,486	1,658	405	1,404	97	0	0	0	7,050
Total*:	3,486	1,658	405	1,404	97	0	0	0	7,050
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,291	405	1,404	97	0	0	0	3,197
Total:		1,291	405	1,404	97	0	0	0	3,197

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

Diablo Facility - Storage Building

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	New Facility	**Start Date:**	Q1/2012
Project ID:	6481	**End Date:**	Q4/2015
Location:	Milepost 126 State Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project constructs a new storage and work building for spare materials at the Diablo location. This building will provide adequate storage space for Diablo rebuilds.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	1,026	1,569	0	0	0	0	0	0	2,595
Total:	1,026	1,569	0	0	0	0	0	0	2,595
Fund Appropriations/Allocations									
City Light Fund	1,026	1,569	0	0	0	0	0	0	2,595
Total*:	1,026	1,569	0	0	0	0	0	0	2,595
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		250	0	0	0	0	0	0	250
Total:		250	0	0	0	0	0	0	250

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

Diablo Powerhouse - Crane Wheel Replacements

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	6471	**End Date:**	Q4/2016
Location:	Milepost 126 State Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project replaces the worn wheels on the crane which was originally installed in the 1930's. The project refurbishes the crane back to specification to support the scheduled rewinding of generators 31 and 32.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	288	1,263	10	0	0	0	0	0	1,561
Total:	288	1,263	10	0	0	0	0	0	1,561
Fund Appropriations/Allocations									
City Light Fund	288	1,263	10	0	0	0	0	0	1,561
Total*:	288	1,263	10	0	0	0	0	0	1,561
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		299	10	0	0	0	0	0	309
Total:		299	10	0	0	0	0	0	309

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

Diablo Powerhouse - Rebuild Generator Unit 31

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2012
Project ID:	6422	**End Date:**	Q4/2019
Location:	Milepost 126 State Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project rebuilds Generator 31 at Diablo Powerhouse, which provides 4.4 percent of the total power Seattle City Light generates. This project is part of the Utility's Generator Rebuild Program, a series of projects to maintain and extend the useful life of the Utility's aging generators. The program rebuilds ten generators, accounting for 70 percent of City Light's generating capability.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	71	1	5,101	3,456	370	124	0	0	9,123
Total:	71	1	5,101	3,456	370	124	0	0	9,123
Fund Appropriations/Allocations									
City Light Fund	71	1	5,101	3,456	370	124	0	0	9,123
Total*:	71	1	5,101	3,456	370	124	0	0	9,123
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		10,379	5,101	3,456	370	124	0	0	19,430
Total:		10,379	5,101	3,456	370	124	0	0	19,430

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

Diablo Powerhouse - Rebuild Generator Unit 32

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	6423	**End Date:**	Q4/2019
Location:	Milepost 126 State Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project rebuilds Generator 32 at Diablo Powerhouse, which provides 4.4 percent of the total power Seattle City Light generates. This project is part of the Utility's Generator Rebuild Program, a series of projects to maintain and extend the useful life of the Utility's aging generators. The program rebuilds ten generators, accounting for 70 percent of City Light's generating capability.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	648	12,708	11,577	5,892	3,316	125	0	0	34,266
Total:	648	12,708	11,577	5,892	3,316	125	0	0	34,266
Fund Appropriations/Allocations									
City Light Fund	648	12,708	11,577	5,892	3,316	125	0	0	34,266
Total*:	648	12,708	11,577	5,892	3,316	125	0	0	34,266
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		20	3,577	13,892	3,316	125	0	0	20,930
Total:		20	3,577	13,892	3,316	125	0	0	20,930

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

Distribution Area Communications Networks

BCL/Program Name:	C5 Distribution - Distribution Other	**BCL/Program Code:**	SCL360-C5
Project Type:	New Facility	**Start Date:**	Q1/2000
Project ID:	9307	**End Date:**	Q4/2026
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	18,702	2,155	1,250	1,199	2,695	2,613	2,912	2,652	34,178
Total:	18,702	2,155	1,250	1,199	2,695	2,613	2,912	2,652	34,178
Fund Appropriations/Allocations									
City Light Fund	18,702	2,155	1,250	1,199	2,695	2,613	2,912	2,652	34,178
Total*:	18,702	2,155	1,250	1,199	2,695	2,613	2,912	2,652	34,178
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,155	1,250	1,199	2,695	2,613	2,912	2,652	14,476
Total:		1,155	1,250	1,199	2,695	2,613	2,912	2,652	14,476

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

Distribution Automation

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	8425	**End Date:**	Q4/2022
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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 will provide the ability to automatically perform outage restoration, shift blocks of load to maximize efficiencies of feeders, and reconfigure the feeder grid. Typical operation will involve remotely detecting that a feeder fault has occurred, locating the damaged portion of the feeder between two remote controlled line switches, isolating the damaged portion of the feeder by opening appropriate remote controlled line switches, and re-energizing undamaged portions of the feeder via the primary feeder source and one or more backup sources using automatically controlled tie switches.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	271	2,460	3,190	4,370	2,167	2,768	2,882	2,951	21,059
Total:	271	2,460	3,190	4,370	2,167	2,768	2,882	2,951	21,059
Fund Appropriations/Allocations									
City Light Fund	271	2,460	3,190	4,370	2,167	2,768	2,882	2,951	21,059
Total*:	271	2,460	3,190	4,370	2,167	2,768	2,882	2,951	21,059
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,130	3,190	4,370	2,167	2,768	2,882	2,951	19,458
Total:		1,130	3,190	4,370	2,167	2,768	2,882	2,951	19,458

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

Distribution Management System

BCL/Program Name:	C5 Distribution - Distribution Other	**BCL/Program Code:**	SCL360-C5
Project Type:	New Facility	**Start Date:**	Q1/2019
Project ID:	9966	**End Date:**	Q4/2022
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project provides installation of the Distribution Management System (DMS) beginning in 2019. This comprehensive software application enables Power Dispatchers to operate automated distribution devices more effectively by interfacing with the Utility's Energy Management System (EMS), Outage Management System (OMS), Customer Information System, and the Geospatial Information System. The DMS will improve planning, coordination, and operations by enabling dispatchers to improve their switching operations for planned shutdowns. It will also make it easier to prepare planned outages and reduce the area needed for an outage.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	0	0	2,788	1,246	4,650	8,684
Total:	0	0	0	0	0	2,788	1,246	4,650	8,684
Fund Appropriations/Allocations									
City Light Fund	0	0	0	0	0	2,788	1,246	4,650	8,684
Total*:	0	0	0	0	0	2,788	1,246	4,650	8,684
O & M Costs (Savings)			0	0	0	0	0	0	0

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

District Energy

BCL/Program Name:	D1 External Projects - Local Jurisdictions	**BCL/Program Code:**	SCL370-D1
Project Type:	New Investment	**Start Date:**	
Project ID:	8466	**End Date:**	
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

This project installs district energy infrastructure, with initial focus on serving customer needs in South Lake Union. Because funding sources have not yet been identified and the project scope is being refined, no dollars are currently allocated to the project. The Office of Sustainability and Environment will refine the project scope and propose project amendments, if needed, in 2014.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total

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

East Pine Substation - Transformer Replacements

BCL/Program Name:	C1 Distribution - Substations	**BCL/Program Code:**	SCL360-C1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	7811	**End Date:**	Q4/2016
Location:	1501 23rd Ave		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	23rd Ave. @ Jackson

This project funds the replacement of one power transformer at East Pine Substation. The replacement need was determined based upon dissolved gas concentration, insulation aging, oil leaks, maintenance cost, service stress, and its criticality for the North-South transmission tie.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	107	4,900	48	0	0	0	0	0	5,055
Total:	107	4,900	48	0	0	0	0	0	5,055
Fund Appropriations/Allocations									
City Light Fund	107	4,900	48	0	0	0	0	0	5,055
Total*:	107	4,900	48	0	0	0	0	0	5,055
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,547	48	0	0	0	0	0	1,595
Total:		1,547	48	0	0	0	0	0	1,595

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

Endangered Species Act Mitigation

BCL/Program Name:	A4 Power Supply - Power Supply Other	**BCL/Program Code:**	SCL250-A4
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2000
Project ID:	6990	**End Date:**	Q4/2022
Location:	Outside the City of Seattle		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project protects and restores fisheries habitat in the Skagit and Tolt river basins. It implements the Endangered Species Act (ESA) Program for recovery of listed fish species that are potentially affected by City Light projects. The project includes land purchase, restoration, assessment, and management. The project reduces the likelihood of third party lawsuits under ESA and the reopening of claims by Federal agencies, e.g. the U.S. Fish and Wildlife Service, seeking additional measures to protect and restore the listed species.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	13,491	2,213	1,064	1,076	1,097	1,118	1,147	1,167	22,373
Total:	13,491	2,213	1,064	1,076	1,097	1,118	1,147	1,167	22,373
Fund Appropriations/Allocations									
City Light Fund	13,491	2,213	1,064	1,076	1,097	1,118	1,147	1,167	22,373
Total*:	13,491	2,213	1,064	1,076	1,097	1,118	1,147	1,167	22,373
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		608	1,064	1,076	1,097	1,118	1,147	1,167	7,277
Total:		608	1,064	1,076	1,097	1,118	1,147	1,167	7,277

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

Energy Conservation

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	9320	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	2,016	703	954	315	323	110	113	116	4,650
Total:	2,016	703	954	315	323	110	113	116	4,650
Fund Appropriations/Allocations									
City Light Fund	2,016	703	954	315	323	110	113	116	4,650
Total*:	2,016	703	954	315	323	110	113	116	4,650
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		202	954	315	323	110	113	116	2,133
Total:		202	954	315	323	110	113	116	2,133

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

Energy Management System

BCL/Program Name:	C5 Distribution - Distribution Other	**BCL/Program Code:**	SCL360-C5
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	9956	**End Date:**	Q4/2017
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

The project replaces the existing Energy Management System (EMS), which includes (but is not limited to) replacing portions of the EMS map board and all of the front end processors, implementing a hot EMS off site backup (Backup Control System) with live cutover testing and hot cutover without loss of historic data, and supporting design criteria of a no single point of failure and quality assurance testing on a dedicated quality assurance system.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	184	20,428	1,712	151	0	0	0	0	22,475
Total:	184	20,428	1,712	151	0	0	0	0	22,475
Fund Appropriations/Allocations									
City Light Fund	184	20,428	1,712	151	0	0	0	0	22,475
Total*:	184	20,428	1,712	151	0	0	0	0	22,475
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		3,867	10,712	151	0	0	0	0	14,730
Total:		3,867	10,712	151	0	0	0	0	14,730

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

Enterprise Document Management System

BCL/Program Name:	E2 Central Utility Projects - Finance and IT Systems	**BCL/Program Code:**	SCL550-E2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	9962	**End Date:**	Q4/2022
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	In more than one District	**Urban Village:**	In more than one 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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	1,938	3,001	1,033	1,783	1,814	1,813	1,399	1,181	13,962
Total:	1,938	3,001	1,033	1,783	1,814	1,813	1,399	1,181	13,962
Fund Appropriations/Allocations									
City Light Fund	1,938	3,001	1,033	1,783	1,814	1,813	1,399	1,181	13,962
Total*:	1,938	3,001	1,033	1,783	1,814	1,813	1,399	1,181	13,962
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,427	1,933	1,883	1,814	1,813	1,399	1,181	11,450
Total:		1,427	1,933	1,883	1,814	1,813	1,399	1,181	11,450

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

Enterprise Geographic Information System

BCL/Program Name:	C5 Distribution - Distribution Other	**BCL/Program Code:**	SCL360-C5
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	9957	**End Date:**	Q4/2019
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	4	3,052	1,990	1,965	2,075	33	0	0	9,119
Total:	4	3,052	1,990	1,965	2,075	33	0	0	9,119
Fund Appropriations/Allocations									
City Light Fund	4	3,052	1,990	1,965	2,075	33	0	0	9,119
Total*:	4	3,052	1,990	1,965	2,075	33	0	0	9,119
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		100	4,890	1,965	2,075	33	0	0	9,063
Total:		100	4,890	1,965	2,075	33	0	0	9,063

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

Enterprise Performance Management

BCL/Program Name:	E2 Central Utility Projects - Finance and IT Systems	**BCL/Program Code:**	SCL550-E2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2008
Project ID:	9933	**End Date:**	Q4/2016
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project implements a business intelligence system for City Light. The project provides software tools and consultant support to identify and track performance metrics for each of the Departments programs, aligning organizational strategy to goal setting, planning and performance monitoring, and providing a single comprehensive system for measuring the Utility's financial and corporate health.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	4,504	865	684	0	0	0	0	0	6,053
Total:	4,504	865	684	0	0	0	0	0	6,053
Fund Appropriations/Allocations									
City Light Fund	4,504	865	684	0	0	0	0	0	6,053
Total*:	4,504	865	684	0	0	0	0	0	6,053
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		398	884	0	0	0	0	0	1,282
Total:		398	884	0	0	0	0	0	1,282

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

Enterprise Software Solution Replacement Strategy

BCL/Program Name:	C5 Distribution - Distribution Other	**BCL/Program Code:**	SCL360-C5
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2021
Project ID:	9969	**End Date:**	Q4/2021
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project upgrades or replaces components of the Enterprise Solution Portfolio for the Utility as prescribed by the preferred vendor, Oracle, or other vendor deemed more appropriate, which will maintain enterprise resources that benefit all customers in the City Light service area.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	0	0	0	0	12	12
Total:	0	0	0	0	0	0	0	12	12
Fund Appropriations/Allocations									
City Light Fund	0	0	0	0	0	0	0	12	12
Total*:	0	0	0	0	0	0	0	12	12

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Environmental Safeguarding and Remediation of Facilities

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	9152	**End Date:**	Q4/2026
Location:	Outside the City of Seattle		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project funds improvements to prevent air and water pollution at City Light facilities. The project implements cost appropriate solutions for identified environmental programs and provides facilities for meeting environmental and remediation concerns. Typical projects include ventilation for painting operations, storage equipment for toxic material, containment provisions to provide protection in the event of a spill or leak, and handling equipment to enable safe movement of hazardous items.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	1,197	48	49	54	55	56	57	57	1,573
Total:	1,197	48	49	54	55	56	57	57	1,573
Fund Appropriations/Allocations									
City Light Fund	1,197	48	49	54	55	56	57	57	1,573
Total*:	1,197	48	49	54	55	56	57	57	1,573
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		46	49	54	55	56	57	57	374
Total:		46	49	54	55	56	57	57	374

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

Equipment Fleet Replacement

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	New Facility	**Start Date:**	Q1/1999
Project ID:	9101	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project replaces, updates, and expands City Light's - light and heavy duty mobile equipment fleet. This project also funds the replacement of light-duty vehicles owned by City Light, including those previously leased from the Fleets & Facilities Department and now owned by City Light.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	80,680	8,589	5,388	7,519	7,694	7,202	7,207	7,214	131,493
Total:	80,680	8,589	5,388	7,519	7,694	7,202	7,207	7,214	131,493
Fund Appropriations/Allocations									
City Light Fund	80,680	8,589	5,388	7,519	7,694	7,202	7,207	7,214	131,493
Total*:	80,680	8,589	5,388	7,519	7,694	7,202	7,207	7,214	131,493
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		6,255	5,388	7,519	7,694	7,202	7,207	7,214	48,479
Total:		6,255	5,388	7,519	7,694	7,202	7,207	7,214	48,479

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

Facilities Infrastructure Improvements

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	9156	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	2,391	369	371	379	388	63	63	64	4,088
Total:	2,391	369	371	379	388	63	63	64	4,088
Fund Appropriations/Allocations									
City Light Fund	2,391	369	371	379	388	63	63	64	4,088
Total*:	2,391	369	371	379	388	63	63	64	4,088
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		223	371	379	388	63	63	64	1,551
Total:		223	371	379	388	63	63	64	1,551

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

Facilities Regulatory Compliance

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	9151	**End Date:**	Q4/2026
Location:	500 Newhalem Creek Rd, Marblemount, WA 98267		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides for City Light to make proactive facilities modifications in accordance with the Americans with Disabilities Act (ADA) and other legal mandates. Examples of these projects include workplace modifications, air conditioning and refrigerant retrofits, and hazardous material abatement and containment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	838	700	381	337	345	348	356	365	3,670
Total:	838	700	381	337	345	348	356	365	3,670
Fund Appropriations/Allocations									
City Light Fund	838	700	381	337	345	348	356	365	3,670
Total*:	838	700	381	337	345	348	356	365	3,670
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		430	381	337	345	348	356	365	2,562
Total:		430	381	337	345	348	356	365	2,562

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

First Hill - Network

BCL/Program Name:	C2 Distribution - Network	**BCL/Program Code:**	SCL360-C2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2002
Project ID:	8301	**End Date:**	Q4/2026
Location:	1100 Madison St		
Neighborhood Plan:	First Hill	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	First Hill

This project funds a programmatic approach for comprehensive management of underground network assets serving customers in the First Hill area. This project funds annual work required, such as balancing feeder cables to their maximum service build out limit, performing engineering analysis to determine system feeder assignments, required for new service connections, and replacement of cables that fail while in service.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	12,371	2,172	2,446	2,574	2,621	2,670	2,692	1,960	29,506
Total:	12,371	2,172	2,446	2,574	2,621	2,670	2,692	1,960	29,506
Fund Appropriations/Allocations									
City Light Fund	12,371	2,172	2,446	2,574	2,621	2,670	2,692	1,960	29,506
Total*:	12,371	2,172	2,446	2,574	2,621	2,670	2,692	1,960	29,506
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,253	2,446	2,574	2,621	2,670	2,692	1,960	16,216
Total:		1,253	2,446	2,574	2,621	2,670	2,692	1,960	16,216

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

First Hill - Network Load Transfer

BCL/Program Name:	C2 Distribution - Network	**BCL/Program Code:**	SCL360-C2
Project Type:	New Facility	**Start Date:**	Q1/2019
Project ID:	8407	**End Date:**	Q4/2022
Location:	1100 Madison St.		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	First Hill

This project provides the transfer of the First Hill Network to the Denny Substation. Work includes installation of transmission lines, reconfiguration of the network, transfer of the power source, and support to customers during the process.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	0	0	911	915	8,060	9,886
Total:	0	0	0	0	0	911	915	8,060	9,886
Fund Appropriations/Allocations									
City Light Fund	0	0	0	0	0	911	915	8,060	9,886
Total*:	0	0	0	0	0	911	915	8,060	9,886
O & M Costs (Savings)			0	0	0	0	0	0	0

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First Hill Connector Streetcar

BCL/Program Name:	D2 External Projects - Transportation Relocations	**BCL/Program Code:**	SCL370-D2
Project Type:	New Facility	**Start Date:**	Q1/2010
Project ID:	8442	**End Date:**	Q4/2017
Location:	Broadway / Boren / Jackson / King		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project facilitates construction of the First Hill Connector Streetcar project, linking Sound Transit's International District station and the Capitol Hill station. The project provides for system improvements and repairs to existing duct banks identified along this route. Typical system improvements could include replacement of old poles and the installation of new ducts under the track way for future system capacity.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	2,745	816	194	371	0	0	0	0	4,126
Total:	2,745	816	194	371	0	0	0	0	4,126
Fund Appropriations/Allocations									
City Light Fund	2,745	816	194	371	0	0	0	0	4,126
Total*:	2,745	816	194	371	0	0	0	0	4,126
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		9	394	471	0	0	0	0	874
Total:		9	394	471	0	0	0	0	874

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

Generation Federal Reliability Standards Improvements

BCL/Program Name:	A4 Power Supply - Power Supply Other	**BCL/Program Code:**	SCL250-A4
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	6470	**End Date:**	Q4/2020
Location:	500 Newhalem Creek Rd, Marblemount, WA 98267		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides compliance with emergent power production (Generation) regional reliability standards mandated by the North American Electric Reliability Corporation (NERC) and its regional compliance partner, the Western Electricity Coordinating Council (WECC). Typical improvements may include, but are not limited to, power system stabilizers, generator and control system testing equipment, cyber security equipment, and system disturbance monitoring equipment. The project mitigates the probability of financial penalties of up to $1 million per day per violation for failure to comply. Publication of new and revised standards requires an on-going project level effort to put improvements into service which keep generation equipment and operations in full compliance.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	9,518	32	10	10	11	11	11	0	9,603
Total:	9,518	32	10	10	11	11	11	0	9,603
Fund Appropriations/Allocations									
City Light Fund	9,518	32	10	10	11	11	11	0	9,603
Total*:	9,518	32	10	10	11	11	11	0	9,603
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		4	10	10	11	11	11	0	57
Total:		4	10	10	11	11	11	0	57

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

Georgetown Steamplant Access Road

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2016
Project ID:	9233	**End Date:**	Q4/2016
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

This ongoing project provides design and construction of roads and related infrastructure to provide public access to City Light's Georgetown Steamplant. This access will provide visibility of the Steam Plant to the public as a National Historic Site. King County has agreed to pay for most of this project.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	12	0	0	0	0	0	12
Total:	0	0	12	0	0	0	0	0	12
Fund Appropriations/Allocations									
City Light Fund	0	0	12	0	0	0	0	0	12
Total*:	0	0	12	0	0	0	0	0	12
Spending Plan by Fund									
City Light Fund		374	12	0	0	0	0	0	386
Total:		374	12	0	0	0	0	0	386

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

Gorge - 240V AC Station Service Switchgear Replacement

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2016
Project ID:	6581	**End Date:**	Q4/2019
Location:	Milepost 121 Stte Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project mitigates safety hazards at the Gorge Switchyard by replacing the 240V circuit breakers with new breakers that allow for remote operation. Recent policy and regulation changes related to electrical Arc Flash hazards have highlighted safety issues related to this equipment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	629	454	48	51	0	0	1,182
Total:	0	0	629	454	48	51	0	0	1,182
Fund Appropriations/Allocations									
City Light Fund	0	0	629	454	48	51	0	0	1,182
Total*:	0	0	629	454	48	51	0	0	1,182
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Gorge Powerhouse - Fire Protection Improvements

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	6326	**End Date:**	Q4/2022
Location:	Milepost 121 State Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project designs and installs a water spray generator fire suppression system for the Gorge Powerhouse Generator 24. The scope of the project includes piping, valving, nozzles for a water delivery system, and a new control system for detection, alarming, and system initiation.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	74	87	310	253	146	156	170	1,196
Total:	0	74	87	310	253	146	156	170	1,196
Fund Appropriations/Allocations									
City Light Fund	0	74	87	310	253	146	156	170	1,196
Total*:	0	74	87	310	253	146	156	170	1,196
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		42	87	310	253	146	156	170	1,164
Total:		42	87	310	253	146	156	170	1,164

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

Hydro Project Spill Containment

BCL/Program Name:	A4 Power Supply - Power Supply Other	**BCL/Program Code:**	SCL250-A4
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	6530	**End Date:**	Q4/2020
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project will implement upgrades to generating plants that will either prevent oil spills through process improvements and equipment replacement, or provide additional containment capacity for accidental spills. These upgrades will include replacing oil filled transformers with dry-type transformers, building larger containment basins around oil filled equipment, reconfiguring powerhouse sumps, installing oil/water separators, and replacing greased valve bushings with greaseless bushings.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	528	986	668	799	631	642	653	0	4,907
Total:	528	986	668	799	631	642	653	0	4,907
Fund Appropriations/Allocations									
City Light Fund	528	986	668	799	631	642	653	0	4,907
Total*:	528	986	668	799	631	642	653	0	4,907
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		750	668	799	631	642	653	0	4,143
Total:		750	668	799	631	642	653	0	4,143

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

Information Technology Infrastructure

BCL/Program Name:	E2 Central Utility Projects - Finance and IT Systems	**BCL/Program Code:**	SCL550-E2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	9915	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	44,556	4,379	5,155	3,342	3,409	3,478	3,547	3,618	71,484
Total:	44,556	4,379	5,155	3,342	3,409	3,478	3,547	3,618	71,484
Fund Appropriations/Allocations									
City Light Fund	44,556	4,379	5,155	3,342	3,409	3,478	3,547	3,618	71,484
Total*:	44,556	4,379	5,155	3,342	3,409	3,478	3,547	3,618	71,484
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,825	5,155	3,342	3,409	3,478	3,547	3,618	24,374
Total:		1,825	5,155	3,342	3,409	3,478	3,547	3,618	24,374

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

Interbay Substation - Development

BCL/Program Name:	C1 Distribution - Substations	**BCL/Program Code:**	SCL360-C1
Project Type:	New Facility	**Start Date:**	Q1/2019
Project ID:	7756	**End Date:**	Q4/2022
Location:	17th Ave West/West Bertona St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Ballard Interbay

This project plans, designs, and constructs a 26 kV substation in the Interbay area. This project installs 2-100 MVA transformers into a facility large enough to accommodate a third transformer at the site if required in the future. The project adds to the distribution network and provides a new path for power to the area. It provides assurance to the developers who are interested in projects in the SLU district that City Light will be able to serve their needs reliably.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	2,489	0	0	0	0	74	78	390	3,031
Total:	2,489	0	0	0	0	74	78	390	3,031
Fund Appropriations/Allocations									
City Light Fund	2,489	0	0	0	0	74	78	390	3,031
Total*:	2,489	0	0	0	0	74	78	390	3,031
O & M Costs (Savings)			0	0	0	0	0	0	0

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

IT Security Upgrades

BCL/Program Name:	E2 Central Utility Projects - Finance and IT Systems	**BCL/Program Code:**	SCL550-E2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	9960	**End Date:**	Q4/2021
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

The ongoing project updates or replaces information security systems that are at high risk of failure. The project enhances vulnerability and intrusion detection as well as response capabilities and procedures. The project provides (by way of illustration but not limitation) for implementation of systems to replace or upgrade firewalls, routers, switches, operating systems, intrusion detection capabilities, security information and event management, Linux patching procedures, Dynamic Host Configuration Protocol server, Domain Name System server, internal vulnerability scanning, and physical security cameras and networks for SCL locations.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	1,185	1,426	600	560	1,114	1,137	1,161	576	7,759
Total:	1,185	1,426	600	560	1,114	1,137	1,161	576	7,759
Fund Appropriations/Allocations									
City Light Fund	1,185	1,426	600	560	1,114	1,137	1,161	576	7,759
Total*:	1,185	1,426	600	560	1,114	1,137	1,161	576	7,759
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,041	600	560	1,114	1,137	1,161	576	6,189
Total:		1,041	600	560	1,114	1,137	1,161	576	6,189

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

Landis and Gyr RTU Modernization Boundary, CF, Skagit

BCL/Program Name:	A1 Power Supply - Boundary	**BCL/Program Code:**	SCL250-A1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2017
Project ID:	6565	**End Date:**	Q4/2019
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

This project will be combined with projects 6571 and 6579 to form a larger project to install new remote temperature monitoring equipment at the Boundary, Skagit and Cedar Falls power facilities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	473	757	572	0	0	1,802
Total:	0	0	0	473	757	572	0	0	1,802
Fund Appropriations/Allocations									
City Light Fund	0	0	0	473	757	572	0	0	1,802
Total*:	0	0	0	473	757	572	0	0	1,802
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Large Overhead and Underground Services

BCL/Program Name:	C4 Distribution - Service Connections	**BCL/Program Code:**	SCL370-C4
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	8365	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides large size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of greater than 3 MVA and 26 kV radial services. Most of this related work is billable to the customer. The project allows Seattle City Light to provide service to new customers in a safe, reliable, timely and cost effective manner as a means to fulfill its commitment to be a customer and community-focused organization.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	17,536	3,638	2,947	2,857	2,966	4,114	3,172	4,998	42,228
Total:	17,536	3,638	2,947	2,857	2,966	4,114	3,172	4,998	42,228
Fund Appropriations/Allocations									
City Light Fund	17,536	3,638	2,947	2,857	2,966	4,114	3,172	4,998	42,228
Total*:	17,536	3,638	2,947	2,857	2,966	4,114	3,172	4,998	42,228
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		2,015	2,947	2,857	2,966	4,114	3,172	4,998	23,069
Total:		2,015	2,947	2,857	2,966	4,114	3,172	4,998	23,069

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

Laurelhurst - Underground Rebuild

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	8373	**End Date:**	Q4/2016
Location:	45th Street/38th Street		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	4
Neighborhood District:	Northeast	**Urban Village:**	Not in an Urban Village

This project completes the final three phases of a nine phase rebuilding of the underground distribution system in Laurelhurst. It replaces increasingly failure-prone aging 4 kV equipment and direct buried cables with a buried conduit system. The project improves service reliability, customer satisfaction, economic operating efficiencies, and safety, and, since PCB transformers are replaced, reduces environmental damage exposure.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	6,318	2,788	857	0	0	0	0	0	9,963
Total:	6,318	2,788	857	0	0	0	0	0	9,963
Fund Appropriations/Allocations									
City Light Fund	6,318	2,788	857	0	0	0	0	0	9,963
Total*:	6,318	2,788	857	0	0	0	0	0	9,963
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		574	857	0	0	0	0	0	1,431
Total:		574	857	0	0	0	0	0	1,431

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

Looped Radial Distribution System GIS Editor Replacement

BCL/Program Name:	C5 Distribution - Distribution Other	**BCL/Program Code:**	SCL360-C5
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2012
Project ID:	9958	**End Date:**	Q4/2016
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project replaces the obsolete Distribution Automated Mapping System hardware and software with modern, configurable, vendor supported Consumer Off-The-Shelf (COTS) software and a server to host the software. The replacement is needed to assure ongoing day to day operation of the radial distribution mapping system at City Light. The project provides stability, availability, and reliability, lacking in the current software and hardware. The new system takes advantage of metadata driven configurability to meet changing business needs and streamlines the maintenance of enterprise level GIS data that supports engineering, operations, system control, system planning, outage management, and asset management.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	2,253	1,106	20	0	0	0	0	0	3,379
Total:	2,253	1,106	20	0	0	0	0	0	3,379
Fund Appropriations/Allocations									
City Light Fund	2,253	1,106	20	0	0	0	0	0	3,379
Total*:	2,253	1,106	20	0	0	0	0	0	3,379
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		405	20	0	0	0	0	0	425
Total:		405	20	0	0	0	0	0	425

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

Major Emergency

BCL/Program Name:	C4 Distribution - Service Connections	**BCL/Program Code:**	SCL370-C4
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	8380	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	2,144	107	256	259	263	266	270	1,375	4,940
Total:	2,144	107	256	259	263	266	270	1,375	4,940
Fund Appropriations/Allocations									
City Light Fund	2,144	107	256	259	263	266	270	1,375	4,940
Total*:	2,144	107	256	259	263	266	270	1,375	4,940
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		75	256	259	263	266	270	1,375	2,764
Total:		75	256	259	263	266	270	1,375	2,764

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

Massachusetts Street Substation - Networks

BCL/Program Name:	C2 Distribution - Network	**BCL/Program Code:**	SCL360-C2
Project Type:	New Facility	**Start Date:**	Q1/1999
Project ID:	8202	**End Date:**	Q4/2026
Location:	1555 Utah AV S		
Neighborhood Plan:	Duwamish	**Council District:**	2
Neighborhood District:	Greater Duwamish	**Urban Village:**	Duwamish

The ongoing project increases Massachusetts Street Substation network capacity. It funds a programmatic approach for comprehensive management of underground network assets serving customers in Pioneer Square and the area bounded by University Street, Third Avenue, Terrace Street, and the Freeway. The project funds completion of engineering design and analysis work required before construction of any civil facilities into which feeders can be relocated from the Alaskan Way Viaduct. This project defers the need date for a new network substation until no further capacity is available from Union Street and the other network substations. It provides sufficient and reliable electrical capacity for the growing power needs of City Light customers.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	29,639	2,927	3,116	3,971	4,039	4,105	4,439	3,173	55,409
Total:	29,639	2,927	3,116	3,971	4,039	4,105	4,439	3,173	55,409
Fund Appropriations/Allocations									
City Light Fund	29,639	2,927	3,116	3,971	4,039	4,105	4,439	3,173	55,409
Total*:	29,639	2,927	3,116	3,971	4,039	4,105	4,439	3,173	55,409
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,692	3,116	3,971	4,039	4,105	4,439	3,173	24,535
Total:		1,692	3,116	3,971	4,039	4,105	4,439	3,173	24,535

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

Medium Overhead and Underground Services

BCL/Program Name:	C4 Distribution - Service Connections	**BCL/Program Code:**	SCL370-C4
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	8366	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides medium size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of 50 KVA to 2.5 MVA and 26 kV radial services. Most of this related work is billable to the customer. The project allows Seattle City Light to provide service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community-focused organization.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	81,966	10,754	10,371	9,879	9,756	9,256	9,044	9,301	150,327
Total:	81,966	10,754	10,371	9,879	9,756	9,256	9,044	9,301	150,327
Fund Appropriations/Allocations									
City Light Fund	81,966	10,754	10,371	9,879	9,756	9,256	9,044	9,301	150,327
Total*:	81,966	10,754	10,371	9,879	9,756	9,256	9,044	9,301	150,327
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		7,402	10,371	9,879	9,756	9,256	9,044	9,301	65,009
Total:		7,402	10,371	9,879	9,756	9,256	9,044	9,301	65,009

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

Mercer Corridor West Phase Relocations

BCL/Program Name:	D2 External Projects - Transportation Relocations	**BCL/Program Code:**	SCL370-D2
Project Type:	New Facility	**Start Date:**	Q1/2010
Project ID:	8443	**End Date:**	Q4/2016
Location:	Mercer/Broad/Aurora		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Lake Union	**Urban Village:**	South Lake Union

This project relocates significant transmission and distribution facilities on the west end of the Mercer Street corridor in coordination with the Alaskan Way Viaduct and Seawall Replacement Utility Relocations, Project 8307. The project calls for four overhead feeders and relocation of underground ducts and vaults. The project includes City Light performing follow-up electrical work in concert with the SDOT managed project and WSDOT's Alaskan Way Viaduct replacement program.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	1,551	2,496	523	0	0	0	0	0	4,570
Total:	1,551	2,496	523	0	0	0	0	0	4,570
Fund Appropriations/Allocations									
City Light Fund	1,551	2,496	523	0	0	0	0	0	4,570
Total*:	1,551	2,496	523	0	0	0	0	0	4,570
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		550	523	0	0	0	0	0	1,073
Total:		550	523	0	0	0	0	0	1,073

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

Meter Additions

BCL/Program Name:	C4 Distribution - Service Connections	**BCL/Program Code:**	SCL370-C4
Project Type:	New Facility	**Start Date:**	Q1/1999
Project ID:	8054	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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 nstallations of new and/or upgraded meter services; obsolete meter exchanges; audits of new meter services, solar metering, and technology impacting the distribution system; testing, calibration, meter inventory management, and verifying electrical measurement standards. This project ensures accurate customer billing.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	62,335	2,919	2,246	2,229	1,934	1,589	1,371	1,570	76,193
Total:	62,335	2,919	2,246	2,229	1,934	1,589	1,371	1,570	76,193
Fund Appropriations/Allocations									
City Light Fund	62,335	2,919	2,246	2,229	1,934	1,589	1,371	1,570	76,193
Total*:	62,335	2,919	2,246	2,229	1,934	1,589	1,371	1,570	76,193
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,689	2,246	2,229	1,934	1,589	1,371	1,570	12,628
Total:		1,689	2,246	2,229	1,934	1,589	1,371	1,570	12,628

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

Miscellaneous Building Improvements

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	9007	**End Date:**	Q4/2021
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project capitalizes on emergent opportunities to make improvements to City Light's buildings and facilities. The project also provides for cost effective asset preservation measures, the need for which had not been previously foreseen. The project protects employees and customers from health and safety hazards and permits SCL to meet safety and health code requirements.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	10,138	1,183	1,119	1,159	1,186	1,324	2,748	2,814	21,671
Total:	10,138	1,183	1,119	1,159	1,186	1,324	2,748	2,814	21,671
Fund Appropriations/Allocations									
City Light Fund	10,138	1,183	1,119	1,159	1,186	1,324	2,748	2,814	21,671
Total*:	10,138	1,183	1,119	1,159	1,186	1,324	2,748	2,814	21,671
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		309	1,119	1,159	1,186	1,324	2,748	2,814	10,659
Total:		309	1,119	1,159	1,186	1,324	2,748	2,814	10,659

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

Mobile Workforce Implementation

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	New Facility	**Start Date:**	Q1/2015
Project ID:	8429	**End Date:**	Q4/2018
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project provides mobile communication and computing equipment for Seattle City Light workers to use in the field. The project improves operational efficiencies for scheduling of crews, rapid revision of crew schedules during emergencies, and reducing transit time between job sites.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	2,543	1,491	1,910	1,082	0	0	0	7,026
Total:	0	2,543	1,491	1,910	1,082	0	0	0	7,026
Fund Appropriations/Allocations									
City Light Fund	0	2,543	1,491	1,910	1,082	0	0	0	7,026
Total*:	0	2,543	1,491	1,910	1,082	0	0	0	7,026
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		0	4,030	1,910	1,082	0	0	0	7,022
Total:		0	4,030	1,910	1,082	0	0	0	7,022

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

Neighborhood Voluntary Undergrounding Program

BCL/Program Name:	D3 External Projects - Customer Other	**BCL/Program Code:**	SCL370-D3
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	8383	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides City Light resources to serve potential Voluntary Undergrounding Program (VUP) customers through the VUP process from initial estimate, financial planning, design, construction, and reimbursement of costs from the customers. The purpose of the Voluntary Underground Program (VUP) is to satisfy residential customers who are interested in converting their overhead distribution system to an underground system. This VUP is proscribed by Seattle Municipal Code, Section 21.49.110.T.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	277	458	16	17	17	17	40	41	883
Total:	277	458	16	17	17	17	40	41	883
Fund Appropriations/Allocations									
City Light Fund	277	458	16	17	17	17	40	41	883
Total*:	277	458	16	17	17	17	40	41	883
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		7	16	17	17	17	40	41	155
Total:		7	16	17	17	17	40	41	155

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

Network Additions and Services - Denny

BCL/Program Name:	C4 Distribution - Service Connections	**BCL/Program Code:**	SCL370-C4
Project Type:	New Facility	**Start Date:**	Q1/2014
Project ID:	8405	**End Date:**	Q4/2022
Location:	Valley Street/Denny Ave		
Neighborhood Plan:	South Lake Union	**Council District:**	TBD
Neighborhood District:	Lake Union	**Urban Village:**	South Lake Union

This ongoing project provides electrical service connections and related improvements in response to customer service needs within the North Downtown network area. The project provides civil and electrical design assistance to customers to connect existing and proposed buildings to the North Downtown network system. This project also performs capacity addition work associated with service connections, and replaces or installs network transformers, network protectors, and bus ties switches.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	608	1,719	1,508	2,372	2,730	2,778	2,530	3,167	17,412
Total:	608	1,719	1,508	2,372	2,730	2,778	2,530	3,167	17,412
Fund Appropriations/Allocations									
City Light Fund	608	1,719	1,508	2,372	2,730	2,778	2,530	3,167	17,412
Total*:	608	1,719	1,508	2,372	2,730	2,778	2,530	3,167	17,412
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		931	1,508	2,372	2,730	2,778	2,530	3,167	16,016
Total:		931	1,508	2,372	2,730	2,778	2,530	3,167	16,016

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

Network Additions and Services: Broad Street Substation

BCL/Program Name:	C4 Distribution - Service Connections	**BCL/Program Code:**	SCL370-C4
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	8363	**End Date:**	Q4/2026
Location:	319 6th AV N		
Neighborhood Plan:	South Lake Union	**Council District:**	7
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project provides electrical service connections and related improvements in response to customer service requests within the Broad Street network areas. The project performs capacity additions work associated with service connections to customers including condominiums, office buildings, medical facilities, hotels, and commercial and apartment buildings. The project also replaces or installs network transformers, network protectors and specialty transformers, and performs short duration system improvement work identified during operations, including retrofitting in-building vaults.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	45,704	6,359	5,889	6,568	6,727	6,885	7,022	6,240	91,394
Total:	45,704	6,359	5,889	6,568	6,727	6,885	7,022	6,240	91,394
Fund Appropriations/Allocations									
City Light Fund	45,704	6,359	5,889	6,568	6,727	6,885	7,022	6,240	91,394
Total*:	45,704	6,359	5,889	6,568	6,727	6,885	7,022	6,240	91,394
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		4,140	5,889	6,568	6,727	6,885	7,022	6,240	43,471
Total:		4,140	5,889	6,568	6,727	6,885	7,022	6,240	43,471

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

Network Additions and Svcs: First Hill, Mass, Union & Univer

BCL/Program Name:	C4 Distribution - Service Connections	**BCL/Program Code:**	SCL370-C4
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	8364	**End Date:**	Q4/2026
Location:	1555 Utah AV S		
Neighborhood Plan:	Duwamish	**Council District:**	2
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project provides electrical service connections and related improvements in response to customer service requests within the First Hill, Massachusetts, Union, and University District network areas. The project performs capacity additions work associated with service connections to customers, including condominiums, office buildings, medical facilities, hotels, and commercial and apartment buildings. The project also replaces or installs network transformers, network protectors and specialty transformers, and performs short-duration system improvement work identified during operations, including retrofitting in-building vaults.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	30,090	5,454	3,569	4,112	3,020	3,061	3,102	3,599	56,007
Total:	30,090	5,454	3,569	4,112	3,020	3,061	3,102	3,599	56,007
Fund Appropriations/Allocations									
City Light Fund	30,090	5,454	3,569	4,112	3,020	3,061	3,102	3,599	56,007
Total*:	30,090	5,454	3,569	4,112	3,020	3,061	3,102	3,599	56,007
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		5,309	3,569	4,112	3,020	3,061	3,102	3,599	25,772
Total:		5,309	3,569	4,112	3,020	3,061	3,102	3,599	25,772

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

Network Hazeltine Upgrade

BCL/Program Name:	C2 Distribution - Network	**BCL/Program Code:**	SCL360-C2
Project Type:	New Facility	**Start Date:**	Q1/1999
Project ID:	8129	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project upgrades City Light's remote vault monitoring capability for the Hazeltine system. The project provides remote monitoring of network transformers, protectors, vaults, and supports daily utility operations. The project enhances the network monitoring capability by allowing an alarm to be sent to the System Control Center within 30 seconds of an abnormal electrical component or environmental condition occurrence.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	5,990	599	631	527	535	543	761	714	10,300
Total:	5,990	599	631	527	535	543	761	714	10,300
Fund Appropriations/Allocations									
City Light Fund	5,990	599	631	527	535	543	761	714	10,300
Total*:	5,990	599	631	527	535	543	761	714	10,300
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		350	631	527	535	543	761	714	4,061
Total:		350	631	527	535	543	761	714	4,061

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

Network Maintenance Hole and Vault Rebuild

BCL/Program Name:	C2 Distribution - Network	**BCL/Program Code:**	SCL360-C2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	8130	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	51,648	2,003	2,439	3,379	3,436	3,491	3,493	3,634	73,523
Total:	51,648	2,003	2,439	3,379	3,436	3,491	3,493	3,634	73,523
Fund Appropriations/Allocations									
City Light Fund	51,648	2,003	2,439	3,379	3,436	3,491	3,493	3,634	73,523
Total*:	51,648	2,003	2,439	3,379	3,436	3,491	3,493	3,634	73,523
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,177	2,439	3,379	3,436	3,491	3,493	3,634	21,049
Total:		1,177	2,439	3,379	3,436	3,491	3,493	3,634	21,049

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

New Customer Information System

BCL/Program Name:	E1 Central Utility Projects - Customer and Billing	**BCL/Program Code:**	SCL370-E1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	9937	**End Date:**	Q4/2017
Location:	700 5th Avenue		
Neighborhood Plan:	Commercial Core	**Council District:**	3
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project replaces the existing Consolidated Customer Service System (CCSS) application with a more current and viable technology solution. The CCSS provides Customer Information System (CIS) processing and support for Seattle City Light, Seattle Public Utilities, the City's Utility Call Center, and other customer service staff. The existing system does not support the current business model and direction of the City of Seattle's utilities, and is no longer supported by the vendor. The project will preserve and enhance the City's ability to continue to deliver this critical function into the future.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	17,582	17,946	9,255	210	0	0	0	0	44,993
Total:	17,582	17,946	9,255	210	0	0	0	0	44,993
Fund Appropriations/Allocations									
City Light Fund	17,582	17,946	9,255	210	0	0	0	0	44,993
Total*:	17,582	17,946	9,255	210	0	0	0	0	44,993
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		4,946	9,255	210	0	0	0	0	14,411
Total:		4,946	9,255	210	0	0	0	0	14,411

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

Newhalem - Generator 20/Support Facility Rebuild

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2011
Project ID:	6479	**End Date:**	Q4/2016
Location:	500 Newhalem Creek Rd, Marblemount, WA 98267		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project rehabilitates the Newhalem Generator 20 turbine runner and penstock. Placed in service in 1921, the turbine runner and penstock have reached the end of their useful life. This system has a 2.5 megawatts generating capacity of clean renewable power. In addition, it provides emergency power backup to Newhalem and Gorge facilities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	2,294	1,742	762	0	0	0	0	0	4,798
Total:	2,294	1,742	762	0	0	0	0	0	4,798
Fund Appropriations/Allocations									
City Light Fund	2,294	1,742	762	0	0	0	0	0	4,798
Total*:	2,294	1,742	762	0	0	0	0	0	4,798
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,663	762	0	0	0	0	0	2,425
Total:		1,663	762	0	0	0	0	0	2,425

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

Normal Emergency

BCL/Program Name:	C4 Distribution - Service Connections	**BCL/Program Code:**	SCL370-C4
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	8379	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project covers unexpected problems that occur with the electrical system incurred during any single emergency situation that lasts less than 48 hours, such as lightning storms and brief wind storms, and result in necessary repairs that cost over $5,000.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	6,660	482	494	561	569	577	585	1,746	11,674
Total:	6,660	482	494	561	569	577	585	1,746	11,674
Fund Appropriations/Allocations									
City Light Fund	6,660	482	494	561	569	577	585	1,746	11,674
Total*:	6,660	482	494	561	569	577	585	1,746	11,674
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		284	494	561	569	577	585	1,746	4,816
Total:		284	494	561	569	577	585	1,746	4,816

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

North and South Service Center Improvements

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	9107	**End Date:**	Q4/2026
Location:	Outside the City of Seattle		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project improves office, shop, and storage areas in the North and South Service Centers. The project increases efficiency, productivity, safety improvements and optimal use of space.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	33,610	793	313	265	271	813	3,929	5,320	45,314
Total:	33,610	793	313	265	271	813	3,929	5,320	45,314
Fund Appropriations/Allocations									
City Light Fund	33,610	793	313	265	271	813	3,929	5,320	45,314
Total*:	33,610	793	313	265	271	813	3,929	5,320	45,314
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		269	313	265	271	813	3,929	5,320	11,180
Total:		269	313	265	271	813	3,929	5,320	11,180

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

NWPP Market Coordination

BCL/Program Name:	A4 Power Supply - Power Supply Other	**BCL/Program Code:**	SCL250-A4
Project Type:	New Investment	**Start Date:**	Q1/2015
Project ID:	9971	**End Date:**	Q4/2017
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project will purchase and install hardware and software, additional real-time telemetry, and software updates so City Light can participate in a Security Constrained Economic Dispatch (SCED) model being developed by the Northwest Power Pool (NWPP). City Light is a member of NWPP, which is planning to develop the SCED to dispatch supply resources regionally, which will lower production costs compared to each utility acting independently. The project may include taking an equity stake in the entity created by NWPP to develop and operate the SCED.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	10	11	11	0	0	0	0	32
Total:	0	10	11	11	0	0	0	0	32
Fund Appropriations/Allocations									
City Light Fund	0	10	11	11	0	0	0	0	32
Total*:	0	10	11	11	0	0	0	0	32

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

Office Furniture and Equipment Purchase

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	New Facility	**Start Date:**	Q1/2004
Project ID:	9103	**End Date:**	Q4/2021
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides office equipment and furniture costing more than $5,000 each. This project furnishes newly created or modified space under the Workplace and Process Improvement program, and replaces aging office furnishings with modular office workstations, conference room ensemble furniture, and major office machines. This project enhances worker safety and morale by purchasing ergonomic furniture and providing modern workspaces.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	18,878	686	524	683	699	1,102	1,128	1,155	24,855
Total:	18,878	686	524	683	699	1,102	1,128	1,155	24,855
Fund Appropriations/Allocations									
City Light Fund	18,878	686	524	683	699	1,102	1,128	1,155	24,855
Total*:	18,878	686	524	683	699	1,102	1,128	1,155	24,855
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		335	524	683	699	1,102	1,128	1,155	5,626
Total:		335	524	683	699	1,102	1,128	1,155	5,626

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

Overhead 26kV Conversion

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	8358	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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 City Light's system, saves energy by reducing transformer and line losses, improves quality and reliability of service to customers, and releases unit substation properties for better neighborhood uses.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	12,216	1,997	2,097	1,705	1,720	1,713	1,735	1,750	24,933
Total:	12,216	1,997	2,097	1,705	1,720	1,713	1,735	1,750	24,933
Fund Appropriations/Allocations									
City Light Fund	12,216	1,997	2,097	1,705	1,720	1,713	1,735	1,750	24,933
Total*:	12,216	1,997	2,097	1,705	1,720	1,713	1,735	1,750	24,933
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,205	2,097	1,705	1,720	1,713	1,735	1,750	11,925
Total:		1,205	2,097	1,705	1,720	1,713	1,735	1,750	11,925

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

Overhead and Underground Relocations

BCL/Program Name:	D2 External Projects - Transportation Relocations	**BCL/Program Code:**	SCL370-D2
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	8369	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project moves electrical lines to accommodate or take advantage of transportation-related projects, street vacations, or other projects being constructed by non-City Light agencies. This project addresses modifications to the distribution system, including replacement or modifications of old line segments, poles, and underground facilities, as necessary. Some project costs are paid by City Light and some are paid by the requesting agencies, depending on the circumstances.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	12,353	2,366	2,505	2,045	2,383	2,517	3,762	3,819	31,750
Total:	12,353	2,366	2,505	2,045	2,383	2,517	3,762	3,819	31,750
Fund Appropriations/Allocations									
City Light Fund	12,353	2,366	2,505	2,045	2,383	2,517	3,762	3,819	31,750
Total*:	12,353	2,366	2,505	2,045	2,383	2,517	3,762	3,819	31,750
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		2,923	2,505	2,045	2,383	2,517	3,762	3,819	19,954
Total:		2,923	2,505	2,045	2,383	2,517	3,762	3,819	19,954

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

Overhead Customer Driven Capacity Additions

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	8355	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old line segments, relocates lines for construction clearances and replaces rotten and damaged poles in the distribution system. This work is driven by specific customer projects, for their direct benefit, to identify and upgrade feeders that are affected before the new load from those projects comes online. City Light is reimbursed by the customers for this work.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	31,172	3,222	3,521	3,772	3,829	4,855	5,681	4,005	60,057
Total:	31,172	3,222	3,521	3,772	3,829	4,855	5,681	4,005	60,057
Fund Appropriations/Allocations									
City Light Fund	31,172	3,222	3,521	3,772	3,829	4,855	5,681	4,005	60,057
Total*:	31,172	3,222	3,521	3,772	3,829	4,855	5,681	4,005	60,057
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,588	3,521	3,772	3,829	4,855	5,681	4,005	27,251
Total:		1,588	3,521	3,772	3,829	4,855	5,681	4,005	27,251

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

Overhead Equipment Replacements

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	8351	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project replaces older equipment in City Light's distribution system that is nearing the end of its usable life; is overloaded or is of an outdated design, which requires replacement due to the lack of spare parts. These items include, but are not limited to, poles, cross-arms, transformers, and open-wire secondaries.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	62,673	21,227	21,010	23,689	21,033	22,501	22,990	23,439	218,562
Total:	62,673	21,227	21,010	23,689	21,033	22,501	22,990	23,439	218,562
Fund Appropriations/Allocations									
City Light Fund	62,673	21,227	21,010	23,689	21,033	22,501	22,990	23,439	218,562
Total*:	62,673	21,227	21,010	23,689	21,033	22,501	22,990	23,439	218,562
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		11,729	21,010	23,689	21,033	22,501	22,990	23,439	146,391
Total:		11,729	21,010	23,689	21,033	22,501	22,990	23,439	146,391

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

Overhead Outage Replacements

BCL/Program Name:	C4 Distribution - Service Connections	**BCL/Program Code:**	SCL370-C4
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	8350	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	3,249	287	272	304	311	449	950	899	6,721
Total:	3,249	287	272	304	311	449	950	899	6,721
Fund Appropriations/Allocations									
City Light Fund	3,249	287	272	304	311	449	950	899	6,721
Total*:	3,249	287	272	304	311	449	950	899	6,721
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		168	272	304	311	449	950	899	3,353
Total:		168	272	304	311	449	950	899	3,353

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

Overhead System Capacity Additions

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	8356	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old line segments, replaces rotten and damaged poles in the distribution system. City Light customers pay for some of this work.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	27,485	2,585	2,515	2,626	2,556	2,471	2,601	3,291	46,130
Total:	27,485	2,585	2,515	2,626	2,556	2,471	2,601	3,291	46,130
Fund Appropriations/Allocations									
City Light Fund	27,485	2,585	2,515	2,626	2,556	2,471	2,601	3,291	46,130
Total*:	27,485	2,585	2,515	2,626	2,556	2,471	2,601	3,291	46,130
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,495	2,515	2,626	2,556	2,471	2,601	3,291	17,555
Total:		1,495	2,515	2,626	2,556	2,471	2,601	3,291	17,555

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

PCB Transformer Replacement

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	8463	**End Date:**	Q4/2022
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

This ongoing project identifies, removes, and properly disposes of transformers in City Light's system containing known PCB concentrations of 1.0 ppm or greater. The project includes master plan development, using GIS technology, and physically testing approximately 20,000 transformers and replacing about 1,500 transformers with known PCBs. The project also implements the processes and procedures for the disposal of the contaminated transformers.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	683	805	733	738	741	749	201	4,650
Total:	0	683	805	733	738	741	749	201	4,650
Fund Appropriations/Allocations									
City Light Fund	0	683	805	733	738	741	749	201	4,650
Total*:	0	683	805	733	738	741	749	201	4,650
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		349	805	733	738	741	749	201	4,316
Total:		349	805	733	738	741	749	201	4,316

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

PeopleSoft Reimplementation - City Light

BCL/Program Name:	E2 Central Utility Projects - Finance and IT Systems	**BCL/Program Code:**	SCL550-E2
Project Type:	Improved Facility	**Start Date:**	Q1/2015
Project ID:	9970	**End Date:**	Q4/2018
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

The PeopleSoft reimplementation and upgrade is a City-wide effort to replace the City's accounting system with an upgraded version of the PeopleSoft software. In addition to City Light's costs for the upgrade, reflected in the 2013-2020 Strategic Plan - FinMAP CIP Project 9961, this project includes $6.2M from the 2014 Strategic Plan update, which is a 25% allocated share of the City's Financial and Administrative Services departments estimated project costs.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	3,000	14,484	7,677	963	0	0	0	26,124
Total:	0	3,000	14,484	7,677	963	0	0	0	26,124
Fund Appropriations/Allocations									
City Light Fund	0	3,000	14,484	7,677	963	0	0	0	26,124
Total*:	0	3,000	14,484	7,677	963	0	0	0	26,124
Spending Plan by Fund									
City Light Fund		325	15,460	8,872	1,392	0	0	0	26,049
Total:		325	15,460	8,872	1,392	0	0	0	26,049

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

Pole Attachment Requests Preparation Work

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	New Facility	**Start Date:**	Q1/2011
Project ID:	8452	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project funds utility crews and engineers to prepare City Light poles for the attachment of other communication infrastructure. This project provides for additional revenues through pole attachment fees and construction costs, which are fully reimbursable.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	5,480	2,991	3,489	3,515	3,592	3,638	4,035	4,552	31,292
Total:	5,480	2,991	3,489	3,515	3,592	3,638	4,035	4,552	31,292
Fund Appropriations/Allocations									
City Light Fund	5,480	2,991	3,489	3,515	3,592	3,638	4,035	4,552	31,292
Total*:	5,480	2,991	3,489	3,515	3,592	3,638	4,035	4,552	31,292
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		2,287	3,489	3,515	3,592	3,638	4,035	4,552	25,108
Total:		2,287	3,489	3,515	3,592	3,638	4,035	4,552	25,108

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

Power Production - Network Controls

BCL/Program Name:	A4 Power Supply - Power Supply Other	**BCL/Program Code:**	SCL250-A4
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	6385	**End Date:**	Q4/2018
Location:	500 Newhalem Creek Rd, Marblemount, WA 98267		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	3,454	1,006	1,513	683	69	0	0	0	6,725
Total:	3,454	1,006	1,513	683	69	0	0	0	6,725
Fund Appropriations/Allocations									
City Light Fund	3,454	1,006	1,513	683	69	0	0	0	6,725
Total*:	3,454	1,006	1,513	683	69	0	0	0	6,725
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		412	1,513	683	69	0	0	0	2,677
Total:		412	1,513	683	69	0	0	0	2,677

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

Relaying Improvements

BCL/Program Name:	C1 Distribution - Substations	**BCL/Program Code:**	SCL360-C1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2001
Project ID:	7753	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	24,533	4,914	4,413	3,927	4,526	5,484	4,495	4,929	57,221
Total:	24,533	4,914	4,413	3,927	4,526	5,484	4,495	4,929	57,221
Fund Appropriations/Allocations									
City Light Fund	24,533	4,914	4,413	3,927	4,526	5,484	4,495	4,929	57,221
Total*:	24,533	4,914	4,413	3,927	4,526	5,484	4,495	4,929	57,221
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		2,815	4,413	3,927	4,526	5,484	4,495	4,929	30,589
Total:		2,815	4,413	3,927	4,526	5,484	4,495	4,929	30,589

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

Replace Breakers BPA Covington and Maple Valley Substations

BCL/Program Name:	C1 Distribution - Substations	**BCL/Program Code:**	SCL360-C1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	7121	**End Date:**	Q4/2022
Location:	Kent		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	TBD
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project meets the terms of City Light's interconnection agreement with Bonneville Power Administration (BPA) by upgrading breaker capacity in two substations that are owned by BPA, but where City Light is responsible for the breakers.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	546	13	13	14	14	14	14	11	639
Total:	546	13	13	14	14	14	14	11	639
Fund Appropriations/Allocations									
City Light Fund	546	13	13	14	14	14	14	11	639
Total*:	546	13	13	14	14	14	14	11	639
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		8	13	14	14	14	14	11	88
Total:		8	13	14	14	14	14	11	88

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

Ross - 480V AC Station Service Switchgear Replacement

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2019
Project ID:	6580	**End Date:**	Q4/2020
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project mitigates safety hazards at the Ross switchyard by replacing all 480kV circuit breakers with new breakers that allow for remote operation. Recent Policy changes and regulations related to electrical Arc Flash hazards have highlighted safety issues related to this equipment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	0	0	110	5,629	0	5,739
Total:	0	0	0	0	0	110	5,629	0	5,739
Fund Appropriations/Allocations									
City Light Fund	0	0	0	0	0	110	5,629	0	5,739
Total*:	0	0	0	0	0	110	5,629	0	5,739
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Ross - Exciters 41-44

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2016
Project ID:	6564	**End Date:**	Q4/2019
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project provides installation of new remote temperature monitoring equipment at the Boundary, Skagit and Cedar Falls power facilities. This project is combined with projects 6571 and 6579 to form a larger project.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	237	3,005	764	385	0	0	4,391
Total:	0	0	237	3,005	764	385	0	0	4,391
Fund Appropriations/Allocations									
City Light Fund	0	0	237	3,005	764	385	0	0	4,391
Total*:	0	0	237	3,005	764	385	0	0	4,391
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Ross - Governors

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	6562	**End Date:**	Q4/2017
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project replaces Governors and Exciters on all four of the Ross Powerhouse generating units.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	140	1,195	2,803	563	0	0	0	0	4,701
Total:	140	1,195	2,803	563	0	0	0	0	4,701
Fund Appropriations/Allocations									
City Light Fund	140	1,195	2,803	563	0	0	0	0	4,701
Total*:	140	1,195	2,803	563	0	0	0	0	4,701
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		973	2,803	563	0	0	0	0	4,339
Total:		973	2,803	563	0	0	0	0	4,339

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

Ross - Powerhouse Rockfall Mitigation

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2017
Project ID:	6577	**End Date:**	Q4/2020
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project mitigates risks to the powerhouse by installing rock fall protection measures above the Ross Powerhouse. Specific measure to be implemented will be determined during design but could include rock bolting, rock fencing, rock scaling or other measures.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	109	411	54	4,623	0	5,197
Total:	0	0	0	109	411	54	4,623	0	5,197
Fund Appropriations/Allocations									
City Light Fund	0	0	0	109	411	54	4,623	0	5,197
Total*:	0	0	0	109	411	54	4,623	0	5,197
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Ross - R1 and R2 Relay and Instrumentation Upgrade

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2017
Project ID:	6582	**End Date:**	Q4/2020
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project installs new microprocessor based relays to protect the Ross R1 and R2 lines from major electrical faults. This improves transmission reliability. The R1 and R2 lines transmit power generated at Ross to Diablo Switchyard where it is sent out to the transmission grid.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	108	114	472	134	0	828
Total:	0	0	0	108	114	472	134	0	828
Fund Appropriations/Allocations									
City Light Fund	0	0	0	108	114	472	134	0	828
Total*:	0	0	0	108	114	472	134	0	828
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Ross - Rock Slide Area Improvements

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	6516	**End Date:**	Q4/2017
Location:	Milepost 128 State Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project reestablishes boat and barge access to the Ross Powerhouse and Dam, Ross Lake Resort, and National Parks Facilities, severed by a rock slide in March 2010. The project stabilizes the rock slope, reestablishes a road between Ross Powerhouse and Ross Dam, and reconstructs ramps, docks, and loading areas on Diablo Reservoir for Ross Powerhouse, Ross Dam, and Ross Lake access.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	5,260	3,167	317	26	0	0	0	0	8,770
Total:	5,260	3,167	317	26	0	0	0	0	8,770
Fund Appropriations/Allocations									
City Light Fund	5,260	3,167	317	26	0	0	0	0	8,770
Total*:	5,260	3,167	317	26	0	0	0	0	8,770
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		828	317	26	0	0	0	0	1,171
Total:		828	317	26	0	0	0	0	1,171

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

Ross Dam - AC/DC Distribution System Upgrade

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2005
Project ID:	6373	**End Date:**	Q4/2019
Location:	Milepost 128 State Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	1,820	694	546	2,051	2,285	1,245	0	0	8,641
Total:	1,820	694	546	2,051	2,285	1,245	0	0	8,641
Fund Appropriations/Allocations									
City Light Fund	1,820	694	546	2,051	2,285	1,245	0	0	8,641
Total*:	1,820	694	546	2,051	2,285	1,245	0	0	8,641
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		702	546	2,051	2,285	1,245	0	0	6,829
Total:		702	546	2,051	2,285	1,245	0	0	6,829

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

Ross Dam - New Access Road from SR20 to Dam

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2020
Project ID:	6452	**End Date:**	Q4/2022
Location:	500 Newhalem Creek Rd, Marblemount, WA 98267		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project provides construction of an access/service road from State Route 20 to Ross Dam. Preliminary designs made in the 1970's and 1980's have been reviewed, updated, and evaluated as a first phase. This first phase study includes review of construction costs, permit and public review processes, and timetables.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	0	0	0	11,847	2,293	14,140
Total:	0	0	0	0	0	0	11,847	2,293	14,140
Fund Appropriations/Allocations									
City Light Fund	0	0	0	0	0	0	11,847	2,293	14,140
Total*:	0	0	0	0	0	0	11,847	2,293	14,140
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Ross Powerhouse - Programmable Language Controller Upgrade

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2008
Project ID:	6376	**End Date:**	Q4/2017
Location:	Milepost 128 State Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	175	283	561	0	0	0	0	1,019
Total:	0	175	283	561	0	0	0	0	1,019
Fund Appropriations/Allocations									
City Light Fund	0	175	283	561	0	0	0	0	1,019
Total*:	0	175	283	561	0	0	0	0	1,019
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		50	283	561	0	0	0	0	894
Total:		50	283	561	0	0	0	0	894

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

Ross Powerhouse - Replace Transformer Banks 42 and 44

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	6541	**End Date:**	Q4/2017
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project will fund the design and installation of two new step-up power transformer banks at Ross Powerhouse to replace the sixty-year-old units that have exceeded their useful life and have shown indications of failure.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	255	12,713	1,501	841	0	0	0	0	15,310
Total:	255	12,713	1,501	841	0	0	0	0	15,310
Fund Appropriations/Allocations									
City Light Fund	255	12,713	1,501	841	0	0	0	0	15,310
Total*:	255	12,713	1,501	841	0	0	0	0	15,310
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		6,477	7,901	841	0	0	0	0	15,219
Total:		6,477	7,901	841	0	0	0	0	15,219

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

Safety Modifications

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	9006	**End Date:**	Q4/2021
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project modifies City Light's facilities and provides equipment to correct imminent and critical safety hazards. The project includes upgrades and revisions to systems, equipment and operations, properties and facilities, as needed to comply with safety regulations and best practices for a safe, efficient, and secure work environment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	3,514	1,279	1,290	1,300	1,329	1,359	1,351	1,381	12,803
Total:	3,514	1,279	1,290	1,300	1,329	1,359	1,351	1,381	12,803
Fund Appropriations/Allocations									
City Light Fund	3,514	1,279	1,290	1,300	1,329	1,359	1,351	1,381	12,803
Total*:	3,514	1,279	1,290	1,300	1,329	1,359	1,351	1,381	12,803
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		999	1,290	1,300	1,329	1,359	1,351	1,381	9,009
Total:		999	1,290	1,300	1,329	1,359	1,351	1,381	9,009

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

Security Improvements

BCL/Program Name:	C5 Distribution - Distribution Other	**BCL/Program Code:**	SCL360-C5
Project Type:	New Facility	**Start Date:**	Q1/2005
Project ID:	9202	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program plans, designs and implements projects, improving the physical security of City Light critical facilities, in order to mitigate unauthorized access and criminal activities that could cause significant system damage, power outages, and other related disruptions to the electrical system. The project reduces the risk of sabotage, vandalism, theft, and terrorism that can result in the loss of valuable infrastructure for generation and distribution of power. The project also reduces risk of noncompliance with North American Reliability Council (NERC) 1200 Standards, adopted May 2, 2006, to improve security at critical facilities that house command and control systems. It enhances reliability of the power system in the Pacific Northwest, reduces the risk of lost revenues, and reduces the jeopardy to public safety and emergency response due to loss of lifeline services such as medical services, water and wastewater systems, communications, law enforcement, banking, transportation system, etc.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	17,849	8,633	4,641	3,239	2,155	2,199	2,250	2,302	43,268
Total:	17,849	8,633	4,641	3,239	2,155	2,199	2,250	2,302	43,268
Fund Appropriations/Allocations									
City Light Fund	17,849	8,633	4,641	3,239	2,155	2,199	2,250	2,302	43,268
Total*:	17,849	8,633	4,641	3,239	2,155	2,199	2,250	2,302	43,268
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		3,979	4,641	3,239	2,155	2,199	2,250	2,302	20,765
Total:		3,979	4,641	3,239	2,155	2,199	2,250	2,302	20,765

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

Seismic Mitigation

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1998
Project ID:	9134	**End Date:**	Q4/2021
Location:	Outside the City of Seattle		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	5,350	65	31	87	45	93	95	95	5,861
Total:	5,350	65	31	87	45	93	95	95	5,861
Fund Appropriations/Allocations									
City Light Fund	5,350	65	31	87	45	93	95	95	5,861
Total*:	5,350	65	31	87	45	93	95	95	5,861
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		18	31	87	45	93	95	95	464
Total:		18	31	87	45	93	95	95	464

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

Service Center Development Project

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	New Facility	**Start Date:**	Q1/2019
Project ID:	9232	**End Date:**	Q4/2020
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

This ongoing project provides a Service Center Master Plan to revitalize City Light's customer service centers. A phase one report has been prepared that identifies preliminary options and associated costs, and further work is needed to refine the findings of this report to an actionable set of recommendations. In order to manage the financial impact of this initiative, major development is not anticipated to occur until 2019.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	0	0	59,733	40,349	0	100,082
Total:	0	0	0	0	0	59,733	40,349	0	100,082
Fund Appropriations/Allocations									
City Light Fund	0	0	0	0	0	59,733	40,349	0	100,082
Total*:	0	0	0	0	0	59,733	40,349	0	100,082

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

Shoreline Undergrounding: North City and Aurora Avenue North

BCL/Program Name:	D1 External Projects - Local Jurisdictions	**BCL/Program Code:**	SCL370-D1
Project Type:	New Facility	**Start Date:**	Q1/2005
Project ID:	8320	**End Date:**	Q4/2016
Location:	2136 N 163rd St, Shoreline		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project funds the continuation of Phases Two and Three to convert overhead distribution circuits to underground service along Aurora Avenue in the City of Shoreline. The project enhances reliability and public relations by delivering undergrounding service to Shoreline with a coordinated and mutually agreed-upon scope, schedule, and cost and rate structure It permits SCL to be in compliance with the new commercial area zoning for the project area as outlined in the Shoreline Municipal Code 13.20.050 (A) (1), requiring that overhead utilities in the project area be converted to underground systems. Per the City's franchise agreement with Shoreline, on the completion of project work at the fiscal year-end, costs for all the completed underground systems entered into service for that year are amortized & added to the rates for ratepayers in the City of Shoreline, which will show up as a separate bill item for those ratepayers. As of January 2012, under our current construction MOA's with Shoreline, Shoreline's civil contractors build the SCL ducts & vaults, after which Shoreline is reimbursed by SCL via a pass-thru cost arrangement. Per the franchise agreement, these pass-thru costs are also part of the added Shoreline rates.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	30,208	5,863	54	0	0	0	0	0	36,125
Total:	30,208	5,863	54	0	0	0	0	0	36,125
Fund Appropriations/Allocations									
City Light Fund	30,208	5,863	54	0	0	0	0	0	36,125
Total*:	30,208	5,863	54	0	0	0	0	0	36,125
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		618	479	0	0	0	0	0	1,097
Total:		618	479	0	0	0	0	0	1,097

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

Skagit - Babcock Creek Crossing

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	6514	**End Date:**	Q4/2023
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project will construct a permanent and more stable crossing across Babcock Creek, near Newhalem. The road to Babcock Creek provides access to a critical communication tower and currently only has a temporary bridge crossing it. The permanent crossing will be either a bridge or vented ford.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	32	390	646	95	39	41	43	45	1,331
Total:	32	390	646	95	39	41	43	45	1,331
Fund Appropriations/Allocations									
City Light Fund	32	390	646	95	39	41	43	45	1,331
Total*:	32	390	646	95	39	41	43	45	1,331
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		107	646	95	39	41	43	45	1,016
Total:		107	646	95	39	41	43	45	1,016

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

Skagit - Boat Facility Improvements

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	6540	**End Date:**	Q4/2017
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project will design and construct several new structures to support industrial and recreational boat operations on our Skagit reservoirs. Structures will include a new tour dock, new dry dock, additions to the existing boat houses and a new barge landing in Diablo. The project will provide improved visitor access for the Skagit Boat Tour, safer boat fueling facilities, reduced impact of snowfall on boats, consolidated barge landings, and improved dry docks.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	380	1,236	520	0	0	0	0	2,136
Total:	0	380	1,236	520	0	0	0	0	2,136
Fund Appropriations/Allocations									
City Light Fund	0	380	1,236	520	0	0	0	0	2,136
Total*:	0	380	1,236	520	0	0	0	0	2,136
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		224	1,236	520	0	0	0	0	1,980
Total:		224	1,236	520	0	0	0	0	1,980

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

Skagit - DC Battery System & Charge Modernization

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	6583	**End Date:**	Q4/2017
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project will replace the existing DC battery system at Skagit.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	260	117	17	0	0	0	0	394
Total:	0	260	117	17	0	0	0	0	394
Fund Appropriations/Allocations									
City Light Fund	0	260	117	17	0	0	0	0	394
Total*:	0	260	117	17	0	0	0	0	394
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		254	117	17	0	0	0	0	388
Total:		254	117	17	0	0	0	0	388

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

Skagit - Facilities Energy Conservation Program

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2012
Project ID:	6515	**End Date:**	Q4/2016
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project provides funding for structural improvements to existing facilities at Skagit, both residential and commercial. It replaces lights, windows, and HVAC systems, insulates buildings, and performs related work. The project dramatically reduces the amount of energy expended to keep structures warm or cool depending upon the season.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	4,931	3,430	1,075	0	0	0	0	0	9,436
Total:	4,931	3,430	1,075	0	0	0	0	0	9,436
Fund Appropriations/Allocations									
City Light Fund	4,931	3,430	1,075	0	0	0	0	0	9,436
Total*:	4,931	3,430	1,075	0	0	0	0	0	9,436
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		2,724	1,075	0	0	0	0	0	3,799
Total:		2,724	1,075	0	0	0	0	0	3,799

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Skagit - Facilities Plan

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	6520	**End Date:**	Q4/2018
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project implements a comprehensive facility plan to optimize buildings and structures at two Skagit town sites. The project preserves essential facilities that support SCL's power production needs, and retains important civic, cultural, and historic features in keeping with the historic preservation requirements of the Skagit FERC Licensing agreement. The project will reduce operational costs by dismantling and removing surplus facilities that require significant on-going maintenance.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	2,679	466	2,265	1,870	1,087	0	0	0	8,367
Total:	2,679	466	2,265	1,870	1,087	0	0	0	8,367
Fund Appropriations/Allocations									
City Light Fund	2,679	466	2,265	1,870	1,087	0	0	0	8,367
Total*:	2,679	466	2,265	1,870	1,087	0	0	0	8,367
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		234	2,265	1,870	1,087	0	0	0	5,456
Total:		234	2,265	1,870	1,087	0	0	0	5,456

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Skagit - Relicensing

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	New Investment	**Start Date:**	Q1/2017
Project ID:	6986	**End Date:**	Q4/2022
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This ongoing project provides support of the relicensing activities for the Skagit River Hydroelectric Project including support of staff, environmental studies, documentation, and consultation needed to submit an application to relicense the project. Relicensing work will begin in 2019. The current Federal Energy Regulatory Commission (FERC) license for the Skagit Project expires in 2025, and the license application is due for submission to FERC in May 2023.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	403	1,835	3,528	4,736	9,747	20,249
Total:	0	0	0	403	1,835	3,528	4,736	9,747	20,249
Fund Appropriations/Allocations									
City Light Fund	0	0	0	403	1,835	3,528	4,736	9,747	20,249
Total*:	0	0	0	403	1,835	3,528	4,736	9,747	20,249

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

Skagit - Sewer System Rehabilitation

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	6232	**End Date:**	Q4/2018
Location:	Milepost 126 State Highway 20		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project replaces or repairs numerous sewer pipe breaks, leaks, and sags in the combined Skagit River sewer/drainage collection system, located at the Diablo Dam site. This project eliminates potential overloads in the sewage treatment plant that can cause pollution of the Skagit River and surrounding soil contamination.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	787	5,004	730	80	1,266	0	0	0	7,867
Total:	787	5,004	730	80	1,266	0	0	0	7,867
Fund Appropriations/Allocations									
City Light Fund	787	5,004	730	80	1,266	0	0	0	7,867
Total*:	787	5,004	730	80	1,266	0	0	0	7,867
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		4,513	730	80	1,266	0	0	0	6,589
Total:		4,513	730	80	1,266	0	0	0	6,589

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

Skagit Facility - Minor Improvements Program

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1989
Project ID:	6405	**End Date:**	Q4/2026
Location:	500 Newhalem Creek Rd, Marblemount, WA 98267		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides financial coverage for emergent capital projects related to all Skagit Facilities, which are by definition, unforeseeable, unscheduled, unpredictable, and occur on a first-come, first serve basis. In addition, it funds scheduled, small capital projects that have cost estimates less than $25,000. This project shows increased project allocations in years 2015 to 2018. This increase reflects anticipated baseline CIP spending levels for the Skagit Facility that are in line with Strategic Plan assumptions. These future year allocations will be broken out into specific CIP projects in the next year's CIP.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	18,796	3,551	2,410	2,276	5,580	2,266	9,166	13,704	57,749
Total:	18,796	3,551	2,410	2,276	5,580	2,266	9,166	13,704	57,749
Fund Appropriations/Allocations									
City Light Fund	18,796	3,551	2,410	2,276	5,580	2,266	9,166	13,704	57,749
Total*:	18,796	3,551	2,410	2,276	5,580	2,266	9,166	13,704	57,749
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		2,161	2,410	2,276	5,580	2,266	9,166	13,704	37,563
Total:		2,161	2,410	2,276	5,580	2,266	9,166	13,704	37,563

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

Skagit Licensing Mitigation

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1998
Project ID:	6991	**End Date:**	Q4/2022
Location:	500 Newhalem Creek Rd, Marblemount, WA 98267		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	TBD
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	36,126	1,067	249	69	70	129	118	134	37,962
Total:	36,126	1,067	249	69	70	129	118	134	37,962
Fund Appropriations/Allocations									
City Light Fund	36,126	1,067	249	69	70	129	118	134	37,962
Total*:	36,126	1,067	249	69	70	129	118	134	37,962
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		41	249	69	70	129	118	134	810
Total:		41	249	69	70	129	118	134	810

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

Skagit Powerhouses - Install Protection Relays

BCL/Program Name:	A2 Power Supply - Skagit	**BCL/Program Code:**	SCL250-A2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2005
Project ID:	6415	**End Date:**	Q4/2021
Location:	500 Newhalem Creek Rd, Marblemount, WA 98267		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	4,101	435	854	1,422	1,358	1,211	1,316	961	11,658
Total:	4,101	435	854	1,422	1,358	1,211	1,316	961	11,658
Fund Appropriations/Allocations									
City Light Fund	4,101	435	854	1,422	1,358	1,211	1,316	961	11,658
Total*:	4,101	435	854	1,422	1,358	1,211	1,316	961	11,658
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		376	854	1,422	1,358	1,211	1,316	961	7,498
Total:		376	854	1,422	1,358	1,211	1,316	961	7,498

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

Small Overhead and Underground Services

BCL/Program Name:	C4 Distribution - Service Connections	**BCL/Program Code:**	SCL370-C4
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	8367	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides small size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of less than 50 KVA and 26 kV radial services. Most of this related work is billable to the customer. The project allows Seattle City Light to provide service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community-focused organization.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	47,924	6,024	6,200	6,257	6,339	5,358	5,275	5,410	88,787
Total:	47,924	6,024	6,200	6,257	6,339	5,358	5,275	5,410	88,787
Fund Appropriations/Allocations									
City Light Fund	47,924	6,024	6,200	6,257	6,339	5,358	5,275	5,410	88,787
Total*:	47,924	6,024	6,200	6,257	6,339	5,358	5,275	5,410	88,787
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		3,515	6,200	6,257	6,339	5,358	5,275	5,410	38,354
Total:		3,515	6,200	6,257	6,339	5,358	5,275	5,410	38,354

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

SMT AutoLab

BCL/Program Name:	A4 Power Supply - Power Supply Other	**BCL/Program Code:**	SCL250-A4
Project Type:	Improved Facility	**Start Date:**	Q1/2017
Project ID:	6600	**End Date:**	Q4/2018
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

This project provides expansion of the AutoLab in the Seattle Municipal Tower to what is now the Central Files Room. The extra space will be used as an equipment lab for Power Production electrical engineers to conduct necessary testing of cyber security, remote monitoring and automation equipment in a simulation environment. The testing will be conducted prior to installing and activating the equipment at our generation sites. THis project also provides required HVAC upgrades as well as the installation of equipment racks, wire ways, and access security.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	0	262	484	0	0	0	746
Total:	0	0	0	262	484	0	0	0	746
Fund Appropriations/Allocations									
City Light Fund	0	0	0	262	484	0	0	0	746
Total*:	0	0	0	262	484	0	0	0	746

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

Sound Transit Light Rail East Link - City Light

BCL/Program Name:	D2 External Projects - Transportation Relocations	**BCL/Program Code:**	SCL370-D2
Project Type:	New Facility	**Start Date:**	Q1/2011
Project ID:	8450	**End Date:**	Q4/2017
Location:	I-90/International District Station/I-90 Bridge		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Central	**Urban Village:**	Not in an Urban Village

This project plans for and relocates City Light's electrical facilities, as required by state law, enabling Sound Transit's construction of the East LINK light rail line from Seattle's International District Station to the Bellevue Redmond area. The department also plans to work with Sound Transit on a memorandum of agreement regarding cost reimbursement for its work, which is expected to be 100% reimbursable in keeping with past work with Sound Transit.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	42	1,070	107	505	0	0	0	0	1,724
Total:	42	1,070	107	505	0	0	0	0	1,724
Fund Appropriations/Allocations									
City Light Fund	42	1,070	107	505	0	0	0	0	1,724
Total*:	42	1,070	107	505	0	0	0	0	1,724
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		19	207	805	0	0	0	0	1,031
Total:		19	207	805	0	0	0	0	1,031

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

Sound Transit Lynnwood - City Light

BCL/Program Name:	D2 External Projects - Transportation Relocations	**BCL/Program Code:**	SCL370-D2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2016
Project ID:	8471	**End Date:**	Q4/2021
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project supports Sound Transit's Lynwood Link, which will extend from the Northgate Transit Center at 5th Ave NE & NE 100th Street to our service area boundary at NE 200th Street, near the I-5 Right of Way. This project will include 100 blocks of relocations, a significant fraction of which will convert lines from overhead to underground. The project will install two feeders for each of the light rail line's traction power stations and upgrade the radial system's capacity where needed to serve the new load. The low and medium power service connections for the line's stations will be handled through the existing service projects, ?business as usual.?

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	0	216	1,274	1,611	1,579	1,580	1,038	7,298
Total:	0	0	216	1,274	1,611	1,579	1,580	1,038	7,298
Fund Appropriations/Allocations									
City Light Fund	0	0	216	1,274	1,611	1,579	1,580	1,038	7,298
Total*:	0	0	216	1,274	1,611	1,579	1,580	1,038	7,298
Spending Plan by Fund									
City Light Fund		37	216	1,274	1,611	1,579	1,580	1,038	7,335
Total:		37	216	1,274	1,611	1,579	1,580	1,038	7,335

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

Sound Transit Northlink - City Light

BCL/Program Name:	D2 External Projects - Transportation Relocations	**BCL/Program Code:**	SCL370-D2
Project Type:	New Facility	**Start Date:**	Q1/2010
Project ID:	8427	**End Date:**	Q4/2017
Location:	University District / Roosevelt / Northgate		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	5
Neighborhood District:	Northwest	**Urban Village:**	In more than one Urban Village

The project will manage utility relocations and feeder construction needed for Sound Transit to build the North Link light rail line to Northgate as part of the design and construction agreements made between the City of Seattle and Sound Transit.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	2,551	2,626	1,663	419	0	0	0	0	7,259
Total:	2,551	2,626	1,663	419	0	0	0	0	7,259
Fund Appropriations/Allocations									
City Light Fund	2,551	2,626	1,663	419	0	0	0	0	7,259
Total*:	2,551	2,626	1,663	419	0	0	0	0	7,259
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		632	2,263	419	0	0	0	0	3,314
Total:		632	2,263	419	0	0	0	0	3,314

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

South Fork Tolt - DC Battery System & Charge Modernization

BCL/Program Name:	A3 Power Supply - Cedar Falls - Tolt	**BCL/Program Code:**	SCL250-A3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	6570	**End Date:**	Q4/2017
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project will replace the existing DC battery system at South Fork Tolt.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	7	28	24	0	0	0	0	59
Total:	0	7	28	24	0	0	0	0	59
Fund Appropriations/Allocations									
City Light Fund	0	7	28	24	0	0	0	0	59
Total*:	0	7	28	24	0	0	0	0	59
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		0	28	24	0	0	0	0	52
Total:		0	28	24	0	0	0	0	52

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

Special Work Equipment - Generation Plant

BCL/Program Name:	A4 Power Supply - Power Supply Other	**BCL/Program Code:**	SCL250-A4
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	6102	**End Date:**	Q4/2022
Location:	Outside the City of Seattle		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides for the purchase of machinery and tools, and special work equipment to be used for operations activities of the Generation Branch, which include all the utility's generating sites, to ensure timely and efficient maintenance of generation facilities. Purchases are based on a five-year plan to ensure updates for technological improvements.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	11,302	1,836	941	929	951	1,429	1,464	1,038	19,890
Total:	11,302	1,836	941	929	951	1,429	1,464	1,038	19,890
Fund Appropriations/Allocations									
City Light Fund	11,302	1,836	941	929	951	1,429	1,464	1,038	19,890
Total*:	11,302	1,836	941	929	951	1,429	1,464	1,038	19,890
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,009	941	929	951	1,429	1,464	1,038	7,761
Total:		1,009	941	929	951	1,429	1,464	1,038	7,761

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

Special Work Equipment - Other Plant

BCL/Program Name:	C5 Distribution - Distribution Other	**BCL/Program Code:**	SCL360-C5
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2001
Project ID:	9102	**End Date:**	Q4/2021
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	19,735	1,227	1,052	1,077	1,103	1,129	1,156	1,184	27,663
Total:	19,735	1,227	1,052	1,077	1,103	1,129	1,156	1,184	27,663
Fund Appropriations/Allocations									
City Light Fund	19,735	1,227	1,052	1,077	1,103	1,129	1,156	1,184	27,663
Total*:	19,735	1,227	1,052	1,077	1,103	1,129	1,156	1,184	27,663
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		769	1,052	1,077	1,103	1,129	1,156	1,184	7,470
Total:		769	1,052	1,077	1,103	1,129	1,156	1,184	7,470

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

Special Work Equipment - Shops

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	8389	**End Date:**	Q4/2018
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	1,160	292	293	300	307	0	0	0	2,352
Total:	1,160	292	293	300	307	0	0	0	2,352
Fund Appropriations/Allocations									
City Light Fund	1,160	292	293	300	307	0	0	0	2,352
Total*:	1,160	292	293	300	307	0	0	0	2,352
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		167	293	300	307	0	0	0	1,067
Total:		167	293	300	307	0	0	0	1,067

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

State Route 520 Bridge Relocations

BCL/Program Name:	D2 External Projects - Transportation Relocations	**BCL/Program Code:**	SCL370-D2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	8435	**End Date:**	Q4/2019
Location:	SR 520 / Lake Washington		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project relocates electrical infrastructure to support replacement of the State Route 520 Bridge.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	600	598	210	215	3,088	0	0	4,711
Total:	0	600	598	210	215	3,088	0	0	4,711
Fund Appropriations/Allocations									
City Light Fund	0	600	598	210	215	3,088	0	0	4,711
Total*:	0	600	598	210	215	3,088	0	0	4,711
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		0	598	210	215	3,088	0	0	4,111
Total:		0	598	210	215	3,088	0	0	4,111

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

Streetlight Infrastructure Replacement

BCL/Program Name:	D1 External Projects - Local Jurisdictions	**BCL/Program Code:**	SCL370-D1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	8460	**End Date:**	Q4/2026
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project will replace 1,603, or 33 percent, of the highest priority streetlights and related underground infrastructure identified in the Streetlight Horizon Plan over the six-year planning horizon. Streetlight infrastructure that will be replaced includes poles, fixtures, conduits, hand holes, and wiring. Emphasis will be placed on standardization of fixtures, construction materials, and construction methods. This project will provide the engineering resources needed to prioritize replacements, develop estimates, and manage and track construction.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	3,368	4,587	3,016	3,096	3,173	3,298	3,969	4,365	28,872
Total:	3,368	4,587	3,016	3,096	3,173	3,298	3,969	4,365	28,872
Fund Appropriations/Allocations									
City Light Fund	3,368	4,587	3,016	3,096	3,173	3,298	3,969	4,365	28,872
Total*:	3,368	4,587	3,016	3,096	3,173	3,298	3,969	4,365	28,872
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		2,190	3,016	3,096	3,173	3,298	3,969	4,365	23,107
Total:		2,190	3,016	3,096	3,173	3,298	3,969	4,365	23,107

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

Streetlight LED Conversion Program

BCL/Program Name:	D1 External Projects - Local Jurisdictions	**BCL/Program Code:**	SCL370-D1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2010
Project ID:	8441	**End Date:**	Q4/2022
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project upgrades streetlights with LED fixtures, which will reduce annual energy consumption by 40% (for those lights replaced), provide Greenhouse Gas avoidance of 5,446 metric tons of carbon per year, and reduce maintenance cost of the Utility's streetlight system. With a total system conversion, it is estimated that annual operating costs will be reduced $3.7 Million per year. The savings in energy and maintenance costs will pay for the initial investment within the life of the new system.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	21,111	6,746	5,817	5,827	5,462	6,122	7,019	6,795	64,899
Total:	21,111	6,746	5,817	5,827	5,462	6,122	7,019	6,795	64,899
Fund Appropriations/Allocations									
City Light Fund	21,111	6,746	5,817	5,827	5,462	6,122	7,019	6,795	64,899
Total*:	21,111	6,746	5,817	5,827	5,462	6,122	7,019	6,795	64,899
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		3,242	5,817	5,827	5,462	6,122	7,019	6,795	40,284
Total:		3,242	5,817	5,827	5,462	6,122	7,019	6,795	40,284

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

Streetlights: Arterial, Residential and Floodlights

BCL/Program Name:	D1 External Projects - Local Jurisdictions	**BCL/Program Code:**	SCL370-D1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	8378	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides street lighting as requested by various taxing jurisdictions and other customers. Streetlights and floodlights are provided in public right of way, and on private property, for either public or private benefit.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	22,074	3,603	3,364	3,410	3,516	3,791	4,297	4,980	49,035
Total:	22,074	3,603	3,364	3,410	3,516	3,791	4,297	4,980	49,035
Fund Appropriations/Allocations									
City Light Fund	22,074	3,603	3,364	3,410	3,516	3,791	4,297	4,980	49,035
Total*:	22,074	3,603	3,364	3,410	3,516	3,791	4,297	4,980	49,035
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		2,481	3,364	3,410	3,516	3,791	4,297	4,980	25,839
Total:		2,481	3,364	3,410	3,516	3,791	4,297	4,980	25,839

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

Substation Automation

BCL/Program Name:	C1 Distribution - Substations	**BCL/Program Code:**	SCL360-C1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2011
Project ID:	8424	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	4,458	987	756	952	993	1,037	1,054	637	10,874
Total:	4,458	987	756	952	993	1,037	1,054	637	10,874
Fund Appropriations/Allocations									
City Light Fund	4,458	987	756	952	993	1,037	1,054	637	10,874
Total*:	4,458	987	756	952	993	1,037	1,054	637	10,874
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		559	756	952	993	1,037	1,054	637	5,988
Total:		559	756	952	993	1,037	1,054	637	5,988

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

Substation Breaker Replacements and Reliability Additions

BCL/Program Name:	C1 Distribution - Substations	**BCL/Program Code:**	SCL360-C1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2006
Project ID:	7779	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project funds the review of City Light's inventory of approximately 400 transmission and distribution voltage circuit breakers. It determines which have the greatest wear, gas or oil leaks, maintenance cost, service stress, and fault interrupting history. It replaces those circuit breakers with the highest failure risk. This project also replaces transformer bank breakers at Union Street substation to support load growth.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	21,585	6,153	5,025	6,155	4,798	5,564	5,152	5,987	60,419
Total:	21,585	6,153	5,025	6,155	4,798	5,564	5,152	5,987	60,419
Fund Appropriations/Allocations									
City Light Fund	21,585	6,153	5,025	6,155	4,798	5,564	5,152	5,987	60,419
Total*:	21,585	6,153	5,025	6,155	4,798	5,564	5,152	5,987	60,419
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		3,362	5,025	6,155	4,798	5,564	5,152	5,987	36,043
Total:		3,362	5,025	6,155	4,798	5,564	5,152	5,987	36,043

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

Substation Capacity Additions

BCL/Program Name:	C1 Distribution - Substations	**BCL/Program Code:**	SCL360-C1
Project Type:	New Facility	**Start Date:**	Q1/2001
Project ID:	7751	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	8,651	2,371	1,568	1,802	1,966	2,201	2,608	2,059	23,226
Total:	8,651	2,371	1,568	1,802	1,966	2,201	2,608	2,059	23,226
Fund Appropriations/Allocations									
City Light Fund	8,651	2,371	1,568	1,802	1,966	2,201	2,608	2,059	23,226
Total*:	8,651	2,371	1,568	1,802	1,966	2,201	2,608	2,059	23,226
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,533	1,568	1,802	1,966	2,201	2,608	2,059	13,737
Total:		1,533	1,568	1,802	1,966	2,201	2,608	2,059	13,737

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

Substation Comprehensive Improvements

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	New Facility	**Start Date:**	Q1/2001
Project ID:	9161	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	3,703	199	198	236	236	258	263	267	5,360
Total:	3,703	199	198	236	236	258	263	267	5,360
Fund Appropriations/Allocations									
City Light Fund	3,703	199	198	236	236	258	263	267	5,360
Total*:	3,703	199	198	236	236	258	263	267	5,360
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		91	198	236	236	258	263	267	1,549
Total:		91	198	236	236	258	263	267	1,549

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

Substation Equipment Improvements

BCL/Program Name:	C1 Distribution - Substations	**BCL/Program Code:**	SCL360-C1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2001
Project ID:	7752	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

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

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	52,756	7,593	4,522	5,139	5,950	6,723	6,727	6,458	95,868
Total:	52,756	7,593	4,522	5,139	5,950	6,723	6,727	6,458	95,868
Fund Appropriations/Allocations									
City Light Fund	52,756	7,593	4,522	5,139	5,950	6,723	6,727	6,458	95,868
Total*:	52,756	7,593	4,522	5,139	5,950	6,723	6,727	6,458	95,868
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		4,677	4,522	5,139	5,950	6,723	6,727	6,458	40,196
Total:		4,677	4,522	5,139	5,950	6,723	6,727	6,458	40,196

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

Substation Plant Improvements

BCL/Program Name:	C1 Distribution - Substations	**BCL/Program Code:**	SCL360-C1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2001
Project ID:	7750	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	7,919	848	867	909	927	946	921	1,177	14,514
Total:	7,919	848	867	909	927	946	921	1,177	14,514
Fund Appropriations/Allocations									
City Light Fund	7,919	848	867	909	927	946	921	1,177	14,514
Total*:	7,919	848	867	909	927	946	921	1,177	14,514
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		593	867	909	927	946	921	1,177	6,340
Total:		593	867	909	927	946	921	1,177	6,340

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

Substation Transformer Replacements

BCL/Program Name:	C1 Distribution - Substations	**BCL/Program Code:**	SCL360-C1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	7776	**End Date:**	Q4/2026
Location:	2136 N 163rd St, Shoreline		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project funds the review of power transformers at substations and determines dissolved gas concentration, insulation aging, oil leaks, maintenance cost, service stress, and fault interrupting history. The project replaces transformers with the highest failure risk, or those presenting substation capacity limits. The project enhances system reliability by replacing aging substation transformers before they fail in service. This project now includes the former projects 7778, Canal Substation - Transformer Replacements, 7810, Massachusetts Street Substation - Transformer Replacements, 7811, East Pine Substation - Transformer Replacements, and 7812, Bothell Substation - Transformer Replacements. They have been merged into this project, 7776, formerly North Substation - Transformer Replacements, to create a program to cover all substation transformers.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	3,987	2,175	4,558	359	2,185	2,701	3,683	4,986	24,634
Total:	3,987	2,175	4,558	359	2,185	2,701	3,683	4,986	24,634
Fund Appropriations/Allocations									
City Light Fund	3,987	2,175	4,558	359	2,185	2,701	3,683	4,986	24,634
Total*:	3,987	2,175	4,558	359	2,185	2,701	3,683	4,986	24,634
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		279	4,558	359	2,185	2,701	3,683	4,986	18,751
Total:		279	4,558	359	2,185	2,701	3,683	4,986	18,751

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

Substations Demand Driven Improvements

BCL/Program Name:	C1 Distribution - Substations	**BCL/Program Code:**	SCL360-C1
Project Type:	New Facility	**Start Date:**	Q1/2001
Project ID:	7755	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project enables City Light to perform cooperative work on shared lines and systems that other electrical utilities in the region periodically ask City Light to do.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	5,810	5	5	5	5	5	6	6	5,847
Total:	5,810	5	5	5	5	5	6	6	5,847
Fund Appropriations/Allocations									
City Light Fund	5,810	5	5	5	5	5	6	6	5,847
Total*:	5,810	5	5	5	5	5	6	6	5,847
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		3	5	5	5	5	6	6	35
Total:		3	5	5	5	5	6	6	35

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

Substations Oil Containment

BCL/Program Name:	C1 Distribution - Substations	**BCL/Program Code:**	SCL360-C1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2008
Project ID:	7783	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project will bring City Light's Power Substations into compliance with the federal Clean Water Act. By federal law, owners or operators of oil containing equipment, such as our substation transformers, must provide facilities that will prevent spilled oil from reaching any streams or open bodies of water.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	4	291	280	332	339	334	341	217	2,138
Total:	4	291	280	332	339	334	341	217	2,138
Fund Appropriations/Allocations									
City Light Fund	4	291	280	332	339	334	341	217	2,138
Total*:	4	291	280	332	339	334	341	217	2,138
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		168	280	332	339	334	341	217	2,011
Total:		168	280	332	339	334	341	217	2,011

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

Technical Training Center Development

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	New Facility	**Start Date:**	Q1/2014
Project ID:	9230	**End Date:**	Q4/2018
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

Seattle City Light is seeking to develop a dedicated, state-of-art Technical Training Center that provides educational needs for classroom instruction and field experience training opportunities for entry-level as well as seasoned Utility service workers of SCL. The chosen site for the Technical Training Center is on an undeveloped parcel of land, west of the Duwamish River and north of the Duwamish Substation, located at 10,000 West Marginal Place South, Tukwila, WA 98108 in unincorporated King County. The classroom building, a single story, wood-framed structure, houses a number of instructional classrooms, hands-or learning environments and building support areas. The overall building's square footage is 9,000 SF and the overall training yard area is 5.75 acres. The design program focuses on flexible, hands-on instructional environments in both the Classroom Building and the Yard. These spaces include: three flexible Classrooms, Computer Lab, Bug Room, Substation Training Area, Vault Training Area, Overhead & Underground Distribution Area, Commercial & Residential Service Area, Pole Climbing Area, Crane Training Area, Commercial License Certification Area and Civil Construction Training Area. There are several shared building support spaces required which include: Administration Office, Break Room, Kitchen, Copy Room and Restrooms.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	1,567	11,179	902	307	85	0	0	0	14,040
Total:	1,567	11,179	902	307	85	0	0	0	14,040
Fund Appropriations/Allocations									
City Light Fund	1,567	11,179	902	307	85	0	0	0	14,040
Total*:	1,567	11,179	902	307	85	0	0	0	14,040
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		229	3,902	6,307	885	0	0	0	11,323
Total:		229	3,902	6,307	885	0	0	0	11,323

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

Tool Room Automation

BCL/Program Name:	C5 Distribution - Distribution Other	**BCL/Program Code:**	SCL360-C5
Project Type:	New Facility	**Start Date:**	Q1/2015
Project ID:	9965	**End Date:**	Q4/2016
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

This project funds the purchase and implementation of a software solution to improve accountability of the tool room budget and tracking of tools. The project will provide electronic means of trcking tool inventory, age and condition of tools, tool check out and return, and costs to maintain them. It will also include process redesign and a complete inventory audit.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	0	648	342	0	0	0	0	0	990
Total:	0	648	342	0	0	0	0	0	990
Fund Appropriations/Allocations									
City Light Fund	0	648	342	0	0	0	0	0	990
Total*:	0	648	342	0	0	0	0	0	990
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		453	342	0	0	0	0	0	795
Total:		453	342	0	0	0	0	0	795

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

Transformer and Network Load Management Tools Upgrade

BCL/Program Name:	C5 Distribution - Distribution Other	**BCL/Program Code:**	SCL360-C5
Project Type:	New Facility	**Start Date:**	Q1/2011
Project ID:	9952	**End Date:**	Q4/2016
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project replaces and upgrades the Transformer and Network Load Management systems and Load Flow software. This project provides modern software capable of performing more robust and accurate system analysis which allows more effective management of distribution system assets for a lower overall cost. The project reduces the possibility of costly unplanned outages due to the inability to perform effective design, reduces the possible duration of those outages, and provides the load data required to perform necessary system analysis and planning. The Outage Management System requires this customer to system connectivity information to efficiently locate and manage outages. The project ensures that City Light can meet the expectations of fully utilizing our system capacity.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	223	58	11	0	0	0	0	0	292
Total:	223	58	11	0	0	0	0	0	292
Fund Appropriations/Allocations									
City Light Fund	223	58	11	0	0	0	0	0	292
Total*:	223	58	11	0	0	0	0	0	292
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		437	11	0	0	0	0	0	448
Total:		437	11	0	0	0	0	0	448

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

Transmission & Generation Radio Systems

BCL/Program Name:	C5 Distribution - Distribution Other	**BCL/Program Code:**	SCL360-C5
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	9108	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	14,973	457	294	1,294	1,384	802	991	1,021	21,216
Total:	14,973	457	294	1,294	1,384	802	991	1,021	21,216
Fund Appropriations/Allocations									
City Light Fund	14,973	457	294	1,294	1,384	802	991	1,021	21,216
Total*:	14,973	457	294	1,294	1,384	802	991	1,021	21,216
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		221	294	1,294	1,384	802	991	1,021	6,007
Total:		221	294	1,294	1,384	802	991	1,021	6,007

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

Transmission Capacity

BCL/Program Name:	B1 Transmission - Transmission	**BCL/Program Code:**	SCL360-B1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	7011	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	10,736	22	2,026	23	23	24	24	11	12,889
Total:	10,736	22	2,026	23	23	24	24	11	12,889
Fund Appropriations/Allocations									
City Light Fund	10,736	22	2,026	23	23	24	24	11	12,889
Total*:	10,736	22	2,026	23	23	24	24	11	12,889
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		13	2,026	23	23	24	24	11	2,144
Total:		13	2,026	23	23	24	24	11	2,144

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Transmission Inter-Agency

BCL/Program Name:	B1 Transmission - Transmission	**BCL/Program Code:**	SCL360-B1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2001
Project ID:	7105	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	2,061	542	557	566	580	594	605	613	6,118
Total:	2,061	542	557	566	580	594	605	613	6,118
Fund Appropriations/Allocations									
City Light Fund	2,061	542	557	566	580	594	605	613	6,118
Total*:	2,061	542	557	566	580	594	605	613	6,118
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		315	557	566	580	594	605	613	3,830
Total:		315	557	566	580	594	605	613	3,830

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

Transmission Line Inductor Installation

BCL/Program Name:	B1 Transmission - Transmission	**BCL/Program Code:**	SCL360-B1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	8461	**End Date:**	Q4/2019
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	688	3,531	6,958	2,681	4,698	27	0	0	18,583
Total:	688	3,531	6,958	2,681	4,698	27	0	0	18,583
Fund Appropriations/Allocations									
City Light Fund	688	3,531	6,958	2,681	4,698	27	0	0	18,583
Total*:	688	3,531	6,958	2,681	4,698	27	0	0	18,583
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		4,780	6,958	2,681	4,698	27	0	0	19,144
Total:		4,780	6,958	2,681	4,698	27	0	0	19,144

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

Transmission Line Reconductoring

BCL/Program Name:	B1 Transmission - Transmission	**BCL/Program Code:**	SCL360-B1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	8462	**End Date:**	Q4/2018
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project addresses the issue of increased electric transmission congestion load growth in the Puget Sound Area by increasing the capacity of the Bothell-SnoKing double circuit 230kv line to meet area reliability requirements. The project funds the re-conductoring of both the Bothell-SnoKing double circuit 230kV line and the Delridge-Duwamish 230kV line to increase capacity and meet regional reliability requirements.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	178	745	7,072	1,356	507	0	0	0	9,858
Total:	178	745	7,072	1,356	507	0	0	0	9,858
Fund Appropriations/Allocations									
City Light Fund	178	745	7,072	1,356	507	0	0	0	9,858
Total*:	178	745	7,072	1,356	507	0	0	0	9,858
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		408	7,072	1,356	507	0	0	0	9,343
Total:		408	7,072	1,356	507	0	0	0	9,343

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

Transmission Reliability

BCL/Program Name:	B1 Transmission - Transmission	**BCL/Program Code:**	SCL360-B1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2001
Project ID:	7104	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project replaces the worst one percent of City Light's transmission structures and conductors each year. This project also provides engineering, construction, and related work; improving and maintaining the reliability of the overhead or underground transmission system.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	19,365	3,071	2,785	2,895	2,970	3,046	3,115	2,676	39,923
Total:	19,365	3,071	2,785	2,895	2,970	3,046	3,115	2,676	39,923
Fund Appropriations/Allocations									
City Light Fund	19,365	3,071	2,785	2,895	2,970	3,046	3,115	2,676	39,923
Total*:	19,365	3,071	2,785	2,895	2,970	3,046	3,115	2,676	39,923
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,617	2,785	2,895	2,970	3,046	3,115	2,676	19,104
Total:		1,617	2,785	2,895	2,970	3,046	3,115	2,676	19,104

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

Transportation Streetlights

BCL/Program Name:	D1 External Projects - Local Jurisdictions	**BCL/Program Code:**	SCL370-D1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2008
Project ID:	8377	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project relocates Seattle City Light owned streetlights as required by City of Seattle transportation projects.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	9,126	1,741	2,740	755	599	620	1,733	3,614	20,928
Total:	9,126	1,741	2,740	755	599	620	1,733	3,614	20,928
Fund Appropriations/Allocations									
City Light Fund	9,126	1,741	2,740	755	599	620	1,733	3,614	20,928
Total*:	9,126	1,741	2,740	755	599	620	1,733	3,614	20,928
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,439	2,740	755	599	620	1,733	3,614	11,500
Total:		1,439	2,740	755	599	620	1,733	3,614	11,500

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

Underground 26kV Conversion

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	8362	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	4,859	1,631	1,633	1,666	2,006	2,492	2,524	2,496	19,307
Total:	4,859	1,631	1,633	1,666	2,006	2,492	2,524	2,496	19,307
Fund Appropriations/Allocations									
City Light Fund	4,859	1,631	1,633	1,666	2,006	2,492	2,524	2,496	19,307
Total*:	4,859	1,631	1,633	1,666	2,006	2,492	2,524	2,496	19,307
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		934	1,633	1,666	2,006	2,492	2,524	2,496	13,751
Total:		934	1,633	1,666	2,006	2,492	2,524	2,496	13,751

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

Underground Customer Driven Capacity Additions

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	8360	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	24,291	3,013	2,918	2,139	2,169	2,330	2,221	2,214	41,295
Total:	24,291	3,013	2,918	2,139	2,169	2,330	2,221	2,214	41,295
Fund Appropriations/Allocations									
City Light Fund	24,291	3,013	2,918	2,139	2,169	2,330	2,221	2,214	41,295
Total*:	24,291	3,013	2,918	2,139	2,169	2,330	2,221	2,214	41,295
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		2,163	2,918	2,139	2,169	2,330	2,221	2,214	16,154
Total:		2,163	2,918	2,139	2,169	2,330	2,221	2,214	16,154

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

Underground Equipment Replacements

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2009
Project ID:	8353	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	25,437	13,166	7,681	5,898	4,990	5,317	5,705	9,764	77,958
Total:	25,437	13,166	7,681	5,898	4,990	5,317	5,705	9,764	77,958
Fund Appropriations/Allocations									
City Light Fund	25,437	13,166	7,681	5,898	4,990	5,317	5,705	9,764	77,958
Total*:	25,437	13,166	7,681	5,898	4,990	5,317	5,705	9,764	77,958
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		7,925	7,681	5,898	4,990	5,317	5,705	9,764	47,280
Total:		7,925	7,681	5,898	4,990	5,317	5,705	9,764	47,280

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

Underground Outage Replacements

BCL/Program Name:	C4 Distribution - Service Connections	**BCL/Program Code:**	SCL370-C4
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	8352	**End Date:**	Q4/2022
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	18,425	1,096	1,126	1,146	1,161	1,506	1,941	1,969	28,370
Total:	18,425	1,096	1,126	1,146	1,161	1,506	1,941	1,969	28,370
Fund Appropriations/Allocations									
City Light Fund	18,425	1,096	1,126	1,146	1,161	1,506	1,941	1,969	28,370
Total*:	18,425	1,096	1,126	1,146	1,161	1,506	1,941	1,969	28,370
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		643	1,126	1,146	1,161	1,506	1,941	1,969	9,492
Total:		643	1,126	1,146	1,161	1,506	1,941	1,969	9,492

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

Underground System Capacity Additions

BCL/Program Name:	C3 Distribution - Radial	**BCL/Program Code:**	SCL360-C3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	8361	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old underground lines, and may replace rotten and damaged poles in the distribution system with underground facilities beneath them. This work identifies and upgrades the feeders that are impacted by increased loads, as needed, before those load increases come online. City Light customers pay for a portion of this work.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	25,946	2,791	2,715	2,826	2,864	2,948	2,384	4,256	46,730
Total:	25,946	2,791	2,715	2,826	2,864	2,948	2,384	4,256	46,730
Fund Appropriations/Allocations									
City Light Fund	25,946	2,791	2,715	2,826	2,864	2,948	2,384	4,256	46,730
Total*:	25,946	2,791	2,715	2,826	2,864	2,948	2,384	4,256	46,730
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		1,455	2,715	2,826	2,864	2,948	2,384	4,256	19,448
Total:		1,455	2,715	2,826	2,864	2,948	2,384	4,256	19,448

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Union Street Substation Networks

BCL/Program Name:	C2 Distribution - Network	**BCL/Program Code:**	SCL360-C2
Project Type:	New Facility	**Start Date:**	Q1/1999
Project ID:	8201	**End Date:**	Q4/2026
Location:	1312 Western AV		
Neighborhood Plan:	Commercial Core	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This ongoing project increases the Union Street Substation network capacity to provide sufficient and reliable electrical capacity for the growing power needs of our customers. It funds a programmatic approach for the comprehensive management of underground network assets serving customers in the area bounded by Yesler Street, Alaskan Way, Pike Street, 6th Avenue Union Street, the Freeway, University Street, 3rd Avenue, and the Waterfront area from Denny to Yesler.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	25,784	1,429	2,415	2,481	2,546	2,591	2,704	2,894	42,844
Total:	25,784	1,429	2,415	2,481	2,546	2,591	2,704	2,894	42,844
Fund Appropriations/Allocations									
City Light Fund	25,784	1,429	2,415	2,481	2,546	2,591	2,704	2,894	42,844
Total*:	25,784	1,429	2,415	2,481	2,546	2,591	2,704	2,894	42,844
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		925	2,415	2,481	2,546	2,591	2,704	2,894	16,556
Total:		925	2,415	2,481	2,546	2,591	2,704	2,894	16,556

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University Substation - Network

BCL/Program Name:	C2 Distribution - Network	**BCL/Program Code:**	SCL360-C2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	8464	**End Date:**	Q4/2022
Location:			
Neighborhood Plan:	Not in Neighborhood Plan	**Council District:**	
Neighborhood District:		**Urban Village:**	

This ongoing project funds a programmatic approach for comprehensive management of underground network assets serving customers in the University area. This project funds annual work required, such as feeder balancing, engineering analysis to determine system feeder assignments for new services, and replacement of cables that fail while in service. It reduces the probability of cable failures and long costly customer outages.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	1,294	1,035	457	371	377	383	467	479	4,863
Total:	1,294	1,035	457	371	377	383	467	479	4,863
Fund Appropriations/Allocations									
City Light Fund	1,294	1,035	457	371	377	383	467	479	4,863
Total*:	1,294	1,035	457	371	377	383	467	479	4,863
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		602	457	371	377	383	467	479	3,136
Total:		602	457	371	377	383	467	479	3,136

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

Workplace and Process Improvement

BCL/Program Name:	E3 Central Utility Projects - Fleets and Facilities	**BCL/Program Code:**	SCL250-E3
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	9159	**End Date:**	Q4/2026
Location:	System Wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
City Light Fund Revenues	4,398	1,335	1,158	1,070	260	852	1,083	1,436	11,592
Total:	4,398	1,335	1,158	1,070	260	852	1,083	1,436	11,592
Fund Appropriations/Allocations									
City Light Fund	4,398	1,335	1,158	1,070	260	852	1,083	1,436	11,592
Total*:	4,398	1,335	1,158	1,070	260	852	1,083	1,436	11,592
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
City Light Fund		816	1,158	1,070	260	852	1,083	1,436	6,675
Total:		816	1,158	1,070	260	852	1,083	1,436	6,675

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

Seattle Public Utilities

Drainage and Wastewater

Overview

Seattle Public Utilities (SPU) maintains the network of sewer and drainage systems throughout the City of Seattle. These systems include approximately:

- 448 miles of sanitary sewers
- 968 miles of combined sewers
- 68 Pump Stations
- 5.5 miles of wastewater force mains
- 87 City-owned and permitted Combined Sewer Overflow points
- 38 Combined Sewer Overflow control detention tanks/pipes
- 477 miles of storm drains / 295 storm drain outfalls
- 36,500 catch basins
- 65 miles of ditches, 121 miles of culverts
- 19,500 feet of green stormwater infrastructure
- 12 detention/treatment ponds
- 145 flow control facilities
- 189 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 $874 million over the next six years, from 2016 to 2021.

CIP Revenue Sources

Historically, the DWF CIP has been funded primarily by revenue bonds serviced by ratepayers. However, DWF financial policies adopted in 2003 gradually increase cash contributions from SPU to fund the CIP. By 2007, 25 percent of total CIP costs were funded by a cash contribution, with the remaining capital needs being debt financed.

SPU's DWF CIP is funded largely by Drainage and Sewer ratepayers. SPU issues bonds, serviced by ratepayers that cover approximately 75 percent of the CIP, with the remainder funded by cash. DWF rates were approved by the Executive and City Council in 2015 for the three-year period of 2016-2018.

SPU also actively seeks grants and low-interest loans. Loans like this offer a lower interest rate than what SPU can borrow/issue debt and offset the need to draw down extra dollars from the construction fund. SPU also receives Remedial Action Grants from the Washington State Department of Ecology for up to 50 percent of sediments cleanup project costs.

CIP Highlights

2016-2021 Adopted Drainage and Wastewater Fund CIP by BCL
(In '000s; total may not sum due to rounding)

BCL	2016	2017	2018	2019	2020	2021	Total
Protection of Beneficial Uses	4,820	8,769	13,952	7,952	8,702	10,160	**54,355**
Sediments	4,762	3,687	6,958	8,273	18,320	15,983	**57,983**
Combined Sewer Overflows	56,597	30,591	35,376	63,446	90,940	100,239	**377,190**
Rehabilitation and Heavy Equipment	19,758	21,758	24,020	24,520	26,520	28,500	**145,075**
Flooding, Sewer Backups, and Landslides	13,390	20,552	19,232	20,150	7,898	26,162	**107,384**
Shared Cost Projects	17,845	25,508	14,008	15,474	9,766	12,544	**95,144**
Technology	12,797	7349	4,588	3,872	3,918	3,999	**36,523**
Total	**129,969**	**118,231**	**118,134**	**143,686**	**166,064**	**197,587**	**873,653**

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 by improving water quality and protecting or enhancing creek habitat. The program includes projects to meet regulatory requirements. Funding in the DWF CIP is focused on cost effective stormwater and water quality projects such as the Venema Creek Natural Drainage System (NDS), NDS Partnering Projects (a key component of Seattle's Plan to Protect Seattle's Waterways), Capitol Hill Water Quality project, and the Taylor Creek Culvert Replacement project.

Sediments: The City of Seattle is a Potentially Responsible Party (PRP) for cleanup liabilities for contaminated sediments at the Lower Duwamish Waterway Superfund Site, the Harbor Island Superfund Site, and Gas Works Park because of alleged contributions from Combined Sewer Overflows (CSO) and storm drain discharges. The City continues to work with federal Environmental Protection Agency (EPA), the Washington State Department of Ecology, King County, and other PRPs including King County on an assessment of contaminants and sources. The Sediments program provides funding for: preliminary studies and analysis for cleanup of

contaminated sediment sites in which the City is a participant; actual cleanup of contaminated sites; preliminary engineering for future cleanup efforts; and liability allocation negotiations. The study phase of sediment remediation projects often requires multiple years before specific cleanup actions are defined. Current projections reflect actual cleanup on the Duwamish Waterway beginning in 2019.

Combined Sewer Overflows: This program consists of projects that are mandated by State and Federal regulations to control CSOs into the City's receiving waters. Projects include large infrastructure projects (e.g. storage structures, pipes, tunnels, wet weather treatment plants, stormwater separation, pump stations, etc.), smaller retrofits, construction of Green Stormwater Infrastructure (GSI) for CSO control, and development of regulatory required plans such as the Integrated Plan (IP), and Plan to Protect Seattle's Waterways. Key projects in the DWF CIP include the Henderson CSO projects and the Ship Canal Water Quality Project. In 2014, SPU began work on two of the projects in the IP, the largest of which is to construct tunnel storage along the Ship Canal. Planning work to review potential siting areas and perform initial geotechnical investigations is underway and will continue through the coming years. This work is starting early in order to meet CSO Consent Decree compliance date requirements. The project cost was also updated to include the shared cost portion for King County. Negotiations have not been completed, but current estimates have King County paying for 35 percent of the project cost.

Rehabilitation: This program consists of projects that rehabilitate or replace existing drainage and wastewater assets to maintain or improve the current functionality level of the system. Projects include:

- Pump station structures, major mechanical and electrical components, and force mains;
- Drainage and wastewater control structures and appurtenances
- Pipes and culverts.

Individual projects are defined by the type and method of rehabilitation and/or replacement and include emergency rehabilitation, maintenance and no-dig pipe rehabilitation, point sewer pipe and structure rehabilitation by crews, and point sewer pipe and structure rehabilitation by contract.

The SPU Strategic Business Plan includes a large action plan to increase the amount of rehabilitation done in the City. This will allow SPU to evaluate and fund additional rehabilitation work on gravity sewer pipes and facilities (control structures, pump stations, and outfalls) and significantly reduce the risk of exceeding the Consent Decree target of four sanitary sewer overflows per 100 miles of sewer pipe.

Flooding, Sewer Back-up, and Landslides: This program is responsible for preventing and alleviating flooding and sewer backups in the City of Seattle, with a primary focus on the protection of public health, safety, and property. The program area is focused on planning, design, and construction of pipes, ditches, culverts, detention ponds, and natural drainage systems that control and/or convey storm runoff to receiving bodies. This program also involves protecting SPU drainage and wastewater infrastructure from landslides and providing drainage improvements where surface water generated from the City right-of way is contributing to landslides. Finally, this program includes sewer capacity projects that reduce the risk of exceeding the Consent Decree target of four sanitary sewer overflows per 100 miles of sewer pipe. Major projects in this program include the Broadview Long Term Plan and the South Park Water Quality and Pump Station project, both of which are action plans in the SPU Strategic Business Plan.

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.

In 2016, the Shared Cost program includes funding for a number of interdepartmental projects including the Alaskan Way Viaduct and Seawall Replacement, Mercer Corridor, and Sound Transit Link Light Rail. Funding is also included for SPU's Heavy Equipment Purchases, the Integrated Control Monitoring Program, SPU Operational Facility Improvements, and a number of smaller projects.

Technology: The Technology capital portfolio is managed in six program areas, which provide a department-wide view of technology investments to address SPU's strategic, business, and City-wide priorities. These areas are:

- Customer Contact and Billing
- Enterprise Information Management
- IT Infrastructure
- Project Delivery & Performance
- Science & System Performance
- Asset Information Management

Investments in 2016 address SPU's key initiatives, which focus on:

- Improving Internal Controls
- Improving Productivity and Performance
- Improving Customer Service
- Transitioning from Data Rich to Knowledge Rich
- Improving Project Delivery

SPU will focus technology spending on the highest priority business needs. Increased spending in 2016 reflects major business changes in both the Customer Contact and Billing and Project Delivery and Performance programs.

In the Customer Contact and Billing Program, a driver for increased costs is related to changes in the schedule with the New Customer Information System (NCIS). Delays in the project will increase costs in 2016. In the Project Delivery and Performance program, the main driver is SPU's anticipation of its share of the costs for the Summit Re-Implementation project. Other drivers for costs in the program include SPU's participation in the implementation of the City's New Permit System or permit system alternative, as well as the enhancement and upgrade of SPU's Enterprise Project Management System (EPMS).

Thematic Priorities

The goal of the DWF CIP is to construct facilities that reduce the frequency of flooding and sewer backups for customers and improve water quality and habitat in the environment by reducing sewage overflows and the impacts of stormwater pollution. Projects in the DWF CIP are guided by various Federal regulations, City policies, long-term plan documents, and the SPU Asset Management Committee (AMC) benefit criteria. Many DWF CIP projects are

outlined in the Wastewater System Plan, Combined Sewer Overflow Reduction Plan, and the Comprehensive Drainage Plan. The DWF primarily considers three main criteria when prioritizing work: public health and safety, environmental protection/regulatory requirements, and Mayor/Council priorities. Project timing can be influenced by opportunities or requirements to combine construction activity with other projects.

- Public Health and Safety: The overriding priority for the DWF is maintaining public health and safety. This will be accomplished through capital programs and projects including the 14th and Concord Combined Sewer System (CSS) Improvement project, the Localized Flood Control Program, the Broadview Sanitary Sewer Overflow (SSO) reduction program and the South Park Pump Station project. The primary capital program is the sewer and drainage rehabilitation program. This program is focused on identifying and correcting defective or deteriorating infrastructure, including drainage and wastewater pipes, before failure which could result in sewer backups, roadway collapses or landslides.

- Environmental Protection/Regulatory Requirements: The City of Seattle/SPU must meet State and Federal regulatory requirements in order to comply with the Clean Water Act (CWA) and the Consent Decree that was entered in court on July 3, 2013, between the City, the U.S. Environmental Protection Agency (EPA), and the U.S. Department of Justice (DOJ). The two most significant regulatory drivers associated with the CWA are the National Pollutant Discharge Elimination System (NPDES) Waste Discharge Permit (aka NPDES CSO Permit) and the NPDES Phase I Municipal Stormwater Permit (aka NDPES MS4 Permit).

- Mayor/Council Priorities: Projects in the DWF CIP that address Mayor and/or Council priorities include the Venema Natural Drainage System (NDS) and Capitol Hill Water Quality Facility where GSI will be used to reduce stormwater impacts while contributing to meeting sustainability goals.

    - The Venema NDS project will construct natural drainage elements including large bioretention swales and installing permeable pavement in alleys. A swale is a specially designed area where stormwater can infiltrate into or through the ground or vegetation, depending on whether it is designed primarily for water quality treatment or flow control. The result will be improved stormwater flow control and water quality treatment in the Venema basin which will improve hydrology and water quality in Venema Creek, a tributary of Piper's Creek.

    - The Capitol Hill Water Quality project will result in an innovative regional scale stormwater facility. The facility will include vegetated bioswales, which will provide stormwater treatment for a portion of the largest sub-basin draining to South Lake Union while providing a vibrant pedestrian-friendly streetscape. This project will be constructed in partnership with an adjacent land development and includes new sidewalks and road surfaces.

Project Selection Criteria

SPU identifies candidate capital projects from several sources – planning (e.g., comprehensive plans, program plans), external projects and opportunities, and emergencies or other unexpected events. Under SPU's Asset Management System, projects must be justified through a business case process that establishes that a problem or opportunity is timely and important and that the proposed solution is superior to alternatives based on a triple bottom line analysis (economic, environmental, and social) of life-cycle benefits and costs. The process also recognizes that a project may be a "must do" project (e.g. required by regulations).

SPU prioritizes its capital projects into three categories – Priorities 1, 2 and 3, with 1 being the most important and critical. Some of these projects are part of an externally-driven project. Typically, SPU lacks control over the timing of such projects.

Priority rankings are based on the following set of criteria:

- **Regulatory Mandates, Legal Agreements:** The degree to which the project is driven by Federal, State, and local laws, permit and regulatory requirements, and consent decrees; as well as by legal agreements with public and private parties. Examples of highly ranked projects in this category include the Ship Canal Water Quality Project, Henderson CSO, and CSO Retrofits.

- **External Drivers:** SPU's responsiveness to, or engagement with, the projects of other departments or jurisdictions, and the specific mandates of the City Council and Mayor. Examples of highly ranked projects in this category include the Alaskan Way Viaduct and Mercer Corridor projects.

- **Infrastructure:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the Pipe Rehabilitation and Pump Station improvement programs.

- **Level of Service:** The importance of this project is in providing or improving services to customers. Examples of highly ranked projects in this category include the South Park Pump Station, Localized Flood Control program, Sanitary Sewer Overflow Capacity program, and the Pipe Rehabilitation program.

- **Other Factors:** Other important factors include high net present value or cost-effectiveness, social or environmental benefits not otherwise captured, a project already in progress or near completion, limited time opportunity, demonstration projects, community visibility, and outside funding. An example of a highly ranked project in this category is the Capital Hill Water Quality Project.

Every project is rated against each criterion. Criteria ratings are then considered in determining an overall project priority ranking, using expert judgment (rather than a formula). Priority rankings for the CIP are determined by the leads for each LOB, with reviews by key internal stakeholders. The ranking scheme and criteria are the same for all LOBs, and are approved by the SPU Director and Asset Management Committee. Project priority rankings are used to clarify and document which projects are most important and why, to help determine which projects at the margin will be included, excluded or deferred from the CIP, and which projects should receive priority attention if a staff or financial resource constraint should arise.

Summary of Upcoming Budget Issues and Challenges

The biggest challenge for DWF will be continuing to manage large priority projects while still accomplishing Mayoral priorities and complying with regulatory requirements from the EPA, Washington State Department of Ecology (DOE), and NPDES permits - all within the financial limitations of the fund.

The City negotiated a Consent Decree between the City, the EPA, and the DOJ for compliance with the CWA and State regulations. The Consent Decree was entered in court on July 3, 2013, and includes deadlines for development and implementation of the IP 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 was renewed by the State in 2013. This permit includes requirements to help protect local waterways and the Puget Sound from damaging pollutants and excessive runoff. This increased regulatory emphasis on protecting and improving water quality has resulted in the need for the City to make substantial investments in detention, water quality treatment (e.g., GSI), CSO retrofits, pipe and pump station rehabilitation, and inflow/infiltration reduction.

- Detention: This focuses on storing stormwater and/or sewage during a rainfall event and can be accomplished through detention ponds (for stormwater) or underground tanks (for both wastewater and stormwater). Detention can be added to the drainage system to offset the impacts of larger storms that overwhelm the conveyance capacity of the combined sewer system and can result in backups of sewage, localized flooding and releases of untreated sewage.

- Water Quality Treatment: This focuses on removing pollutants and can be accomplished through GSI or the use of technology such as specialized media filters. GSI is the use of green solutions to help reduce overflows by allowing stormwater to infiltrate slowly into the ground and cutting the volume of stormwater entering the system. GSI includes specific treatments that rely on specialized soils and plants that provide flow control and/or water quality benefits. The use of GSI is required through Seattle's NPDES permit and Stormwater Code.

- CSO Retrofits: This focuses on optimizing the existing collection systems, using low-cost repairs and modifications to reduce overflows to waterways.

- Pipe and Pump Station Rehabilitation: This consists of repairing, rehabilitating, or replacing existing gravity sewer pipes, wastewater pump stations, and/or force mains that have deficiencies or have reached the end of their useful life.

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

DWF CIP funding is also needed to improve the existing drainage system so that residents experience less flooding and fewer sewage backups. Sewer backups are prohibited and

considered by our regulators to be a violation of our State permits and Federal Consent Decree. Through prudent investment in capital projects and maintenance, SPU will be closer to meeting this standard. This performance level benefits ratepayers by avoiding costly fines and damages.

The CSO Reduction Program constitutes one of the major investments and challenges for the DWF in upcoming years. During heavy rainfall events, the combination of stormwater (about 90 percent of the volume) and sewage may exceed the capacity of the CSS and overflow into our waterways – causing a combined sewer overflow. CSOs spill a mixture of raw sewage and stormwater into local waterways at 90 outfalls throughout the City. These spills violate water quality standards, create unacceptable risk to public health, contaminate sediment and habitat for endangered species and pollute the Puget Sound.

Annual CSOs have been reduced from 20-30 billion gallons per year by both the City and the County in 1970 to about 1 billion gallons per year, today. The City's overflows account for 100-200 million gallons per year. SPU currently does not meet regulatory mandates that limit CSOs to one untreated overflow per outfall location per year. SPU is required by State and Federal law to achieve control of CSOs by 2025 through the IP, which was submitted for regulatory approval on May 29, 2015. SPU must also achieve significant NPDES Wastewater Permit milestones for the control of CSOs to Lake Washington by December 30, 2015. Ultimately the Consent Decree requires completion of construction of all CSO reduction projects by December 2025. CSOs must be proven to be controlled, one year after completion of construction. Continuing investments in CSO control will enable SPU to achieve compliance with the 2025 milestone.

While cost estimating is dependent on many factors, SPU currently expects to spend approximately $377 million over the next six years on CSO reduction projects. The projects will include a combination of underground storage tanks, GSI, system retrofits, gravity sewer pipe rehabilitation projects, and the development of a long-range plan for CSO projects to be constructed from 2016-2025. One of the biggest challenges of the program is siting wastewater facilities in a dense urban environment. SPU is addressing that challenge through an early and active community/stakeholder involvement process on each of its projects. Another challenge revolves around SPU's relationship with King County and maintaining an active partnership to operate the wastewater system and plan for potential joint CSO reduction projects.

Another challenge for the DWF is ensuring that basic service level programs, such as flooding and system capacity, are not stripped of funding as our regulatory requirements continue to grow. The separated drainage and wastewater system is at capacity during storm events at various locations across the City. The impacts can range from very serious (basement sewer back-ups) to nuisance (limited street or yard flooding) issues. SPU is moving forward to address the highest priority locations with capital improvements using available funding and staff resources. These highest priority projects include the South Park Pump Station project, the Thornton Confluence Improvement project, and Broadview Sewer and Stormwater Improvements project.

- The South Park Pump Station Project: This project will construct a pump station and water quality facility in South Park. The pump station will allow the existing storm drain trunk to meet the level of service adopted in the 2004 Comprehensive Drainage Plan. This allows for future projects to expand the collection system to address flooding complaints. The water quality facility will treat most stormwater flows from the basin, reducing pollutant loading to the Duwamish River. The project's engineering design is complicated by the tidal flows present in the Duwamish. The South Park Pump Station

will be integral to the Integrated Plans South Park Water Quality Facility and will be a regulatory requirement if the Integrated Plan (IP) is approved.

- The Thornton Confluence Improvement Project: This project will replace the road culvert at 35th Ave NE and restore the floodplain area at the confluence of the north and south forks of Thornton Creek. This will reduce local flooding impacts to roads and private property as well as enhance instream and riparian habitat in a critical segment of the creek.

- Broadview Sewer and Stormwater Improvements Project: The Broadview neighborhood has experienced a long history of capacity-related backups and overflows. This project will test non-traditional solutions to these longstanding issues, with a goal of reducing sewer backups and stormwater flooding in the Broadview basin.

When making investments in capital facilities that will last decades, it makes financial sense to understand and consider incorporating the potential impacts of climate change on local precipitation and sea levels in the Puget Sound. There have been major storms in 2006, 2007, 2010, 2012, and 2014 that have resulted in serious drainage and wastewater impacts related to capacity. Scientists indicate that there is a potential that storms will become more intense and more frequent in the near future. This variability requires the utility to have a much more in-depth understanding of how the system functions under different weather conditions. SPU will need to forecast impacts to the stormwater and combined systems on a much more localized level. This type of work will require more fully developed system models than in the past.

Future Projects/What is on the Horizon

Over the next 10 years the DWF CIP will be driven largely by regulatory requirements and shared cost projects. Major projects include the completion of the Ship Canal Water Quality Project, sediment remediation, and other CSO projects necessary under the IP/Plan to Protect Seattle's Waterways, SSO reduction and localized flooding reduction in Broadview, and flood reduction and water quality improvements in South Park.

City Council Changes to the Proposed CIP

There are no Council changes to the Proposed CIP.

City Council Provisos to the CIP

There are no Council provisos.

Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Protection of Beneficial Uses						**BCL/Program Code:**			**C333B**
Capitol Hill Water Quality Project (C3373)	0	237	0	0	0	0	0	0	237
Creek Culvert Replacement Program (C3314)	0	0	1,463	923	5,528	500	1,000	3,000	12,414
GSI for Protection of Beneficial Uses (C3316)	0	0	2,737	7,766	8,424	7,452	7,702	7,160	41,241
Knickerbocker Floodplain Improvements (C3383)	0	138	0	0	0	0	0	0	138
Protection of Beneficial Uses Program (C3317)	0	0	420	80	0	0	0	0	500
Street Sweeping for Water Quality (C3363)	266	765	200	0	0	0	0	0	1,231
Taylor Creek Culvert Replacement (C3353)	0	800	0	0	0	0	0	0	800
Venema Creek Natural Drainage System (C3333)	0	2,142	0	0	0	0	0	0	2,142
Water Quality & Flow Improvements (C3393)	0	1,100	0	0	0	0	0	0	1,100
Protection of Beneficial Uses	266	5,182	4,820	8,769	13,952	7,952	8,702	10,160	59,803
Sediments						**BCL/Program Code:**			**C350B**
Sediment Remediation - DWF (C3503)	24,873	4,797	4,762	3,687	6,958	8,273	18,320	15,983	87,652
Sediments	24,873	4,797	4,762	3,687	6,958	8,273	18,320	15,983	87,652
Combined Sewer Overflows						**BCL/Program Code:**			**C360B**
Combined Sewer Overflow Facility Retrofit (C3611)	22,730	13,202	4,788	2,611	5,461	720	1,500	12,884	63,897
Future CSO Projects (C3612)	0	6,709	0	685	1,356	1,356	1,080	7,145	18,331
Green Stormwater Infrastructure Program (C3610)	9,993	9,635	6,936	2,400	1,990	1,750	1,650	1,100	35,453
Long Term Control Plan (C3604)	36,321	1,980	750	500	250	0	0	1,000	40,801
S Genesee Combined Sewer Overflow (C3608)	38,329	2,455	137	0	0	0	0	0	40,921
S Henderson Combined Sewer Overflow Storage (C3609)	27,512	26,762	26,134	5,295	319	0	0	0	86,021
Ship Canal Water Quality Project (C3614)	0	0	17,690	19,100	26,000	59,620	86,710	78,110	287,230
Windermere Combined Sewer Overflow Storage (C3605)	49,244	1,300	162	0	0	0	0	0	50,706
Combined Sewer Overflows	184,129	62,042	56,597	30,591	35,376	63,446	90,940	100,239	623,361

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Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Rehabilitation						**BCL/Program Code:**			**C370B**
Emergency Rehabilitation (C3705)	0	598	0	0	0	0	0	0	598
No Dig Pipe & Maintenance Rehabilitation (C3707)	0	2,750	0	0	0	0	0	0	2,750
Outfall Rehabilitation Program (C3708)	1,774	1,446	2,325	1,530	1,500	1,500	1,500	1,500	13,075
Pipe Renewal Program (C3710)	0	0	13,520	17,208	19,500	20,000	22,000	22,500	114,727
Point Sewer Pipe Rehabilitation (C3704)	0	2,152	0	0	0	0	0	0	2,152
Pump Station and Force Main Improvements (C3703)	11,754	4,433	3,913	3,020	3,020	3,020	3,020	4,500	36,680
Sewer Full Line Replacements (C3702)	0	250	0	0	0	0	0	0	250
Rehabilitation	13,528	11,629	19,758	21,758	24,020	24,520	26,520	28,500	170,232
Flooding, Sewer Back-up, and Landslides						**BCL/Program Code:**			**C380B**
Broadview Long Term Plan (C3812)	3,667	5,756	3,000	3,000	7,900	8,000	3,700	12,915	47,938
Culvert Replacement Program (C3810)	0	1,297	0	0	0	0	0	0	1,297
Densmore Basin Drainage Improvements (C3803)	7,588	0	0	0	0	0	0	0	7,588
Localized Flood Control Program (C3802)	11,147	3,960	2,678	1,371	1,256	1,373	1,391	500	23,676
Madison Valley Long Term Solution (C3805)	35,008	0	0	0	0	0	0	0	35,008
Meadowbrook Pond Sediment Management (C3808)	4,013	0	0	0	0	0	0	0	4,013
Sanitary Sewer Overflow Capacity (C3804)	3,047	4,361	4,766	6,023	6,000	6,000	0	1,000	31,196
South Park Pump Station (C3806)	7,432	1,500	2,897	10,158	4,076	4,776	2,807	11,747	45,394
Thornton Confluence Improvement (C3811)	7,288	861	50	0	0	0	0	0	8,199
Flooding, Sewer Back-up, and Landslides	79,189	17,735	13,390	20,552	19,232	20,150	7,898	26,162	204,308
Shared Cost Projects						**BCL/Program Code:**			**C410B**
1% for Art's DWF (C4118-DWF)	3,592	637	762	770	640	502	477	544	7,923
Alaskan Way Viaduct & Seawall Replacement Program - DWF (C4102-DWF)	12,779	6,378	3,081	13,210	1,166	401	0	0	37,016
Bridging the Gap - DWF (C4119-DWF)	184	200	27	100	100	766	350	100	1,827

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Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Emergency Storms - DWF (C4120-DWF)	1	100	100	100	100	100	100	0	601
First Hill Streetcar - DWF (C4130-DWF)	12	500	400	1,800	400	0	0	0	3,112
Heavy Equipment Purchases - DWF (C4116-DWF)	10,938	7,665	2,355	2,412	1,916	2,248	2,754	2,500	32,787
Integrated Control Monitoring Program - DWF (C4108-DWF)	12,262	1,121	250	250	250	250	250	0	14,633
Mercer Corridor Project East Phase - DWF (C4114-DWF)	6,294	0	0	0	0	0	0	0	6,294
Mercer Corridor Project West Phase - DWF (C4133-DWF)	1,066	351	30	0	0	0	0	0	1,447
Meter Replacement - DWF (C4101-DWF)	5,374	575	504	552	554	558	562	481	9,161
Operational Facility - Construction - DWF (C4106-DWF)	2,953	1,163	9,442	5,694	7,866	9,672	5,116	8,074	49,980
Operational Facility - Other - DWF (C4115-DWF)	136	300	100	0	0	0	0	0	536
Operations Control Center - DWF (C4105-DWF)	203	1,063	28	70	84	70	0	740	2,259
Other Major Transportation Projects - DWF (C4123-DWF)	301	650	250	266	750	750	50	0	3,017
Security Improvements - DWF (C4113-DWF)	265	180	128	109	82	82	82	105	1,032
Sound Transit - North Link - DWF (C4135-DWF)	0	400	359	75	50	50	25	0	959
Sound Transit â€‘ University Link - DWF (C4110-DWF)	283	87	10	0	0	0	0	0	380
Sound Transit-East Link (C4122-DWF)	10	38	20	100	50	25	0	0	243
Yesler Terrace-DWF (C4136-DWF)	0	2,800	0	0	0	0	0	0	2,800
Shared Cost Projects	56,652	24,209	17,845	25,508	14,008	15,474	9,766	12,544	176,005
Technology						**BCL/Program Code:**			**C510B**
Asset Information Management (C5407)	88	847	1,223	250	372	824	823	860	5,287
Customer Contact & Billing (C5402)	6,250	4,801	4,983	1,456	1,381	512	1,025	430	20,840
Enterprise Information Management (C5403)	3,164	965	328	225	342	858	199	860	6,942
IT Infrastructure (C5404)	2,420	923	573	738	1,248	420	1,073	430	7,825
Project Delivery & Performance (C5405)	3,636	2,476	5,072	3,978	993	758	298	731	17,944

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Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Science & System Performance (C5406)	2,752	1,044	618	700	250	500	500	688	7,052
Technology	18,311	11,056	12,797	7,349	4,588	3,872	3,918	3,999	65,890
Department Total*:	376,949	136,650	129,969	118,213	118,134	143,686	166,064	197,587	1,387,252

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Fund Summary

Fund Name & Code	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Drainage and Wastewater Fund (44010)	376,949	136,650	129,969	118,213	118,134	143,686	166,064	197,587	1,387,252
Department Total*:	376,949	136,650	129,969	118,213	118,134	143,686	166,064	197,587	1,387,252

**Amounts in thousands of dollars*

1% for Art's DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2001
Project ID:	C4118-DWF	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program provides the Drainage & Wastewater funding for Seattle Public Utilities' 1% for Arts contribution. Eligibility is determined at the individual project level, with payment occurring from this program. Funds contributed to the 1% for Art program allow the commission, purchase, and installation of art in City-owned properties that is accessible to the public. The Municipal Arts Plan, which is prepared annually, describes the status of ongoing art projects and establishes the scope of work and allocations for new art projects.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	3,592	637	762	770	640	502	477	544	7,923
Total:	3,592	637	762	770	640	502	477	544	7,923
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	3,592	637	762	770	640	502	477	544	7,923
Total*:	3,592	637	762	770	640	502	477	544	7,923
O & M Costs (Savings)			36,935	36,935	36,935	36,935	36,935	36,935	221,611
Spending Plan by Fund									
Drainage and Wastewater Fund		583	762	770	640	502	477	544	4,276
Total:		583	762	770	640	502	477	544	4,276

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Alaskan Way Viaduct & Seawall Replacement Program - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Facility	**Start Date:**	Q1/2004
Project ID:	C4102-DWF	**End Date:**	Q4/2021
Location:	SR 99 / Battery St		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program relocates, replaces, and protects drainage and wastewater infrastructure affected by the replacement of the Alaskan Way Viaduct and Seawall. This program encompasses many sub-projects which are collectively known as the "Alaskan Way Viaduct and Seawall Replacement Program" (AWVSR Program.) The Washington State Department of Transportation (WSDOT) is the lead for the SR-99 replacement, while the City of Seattle is the lead on development of the waterfront public space, implementation of the new surface Alaskan Way, and design and construction of the seawall.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	12,779	6,378	3,081	13,210	1,166	401	0	0	37,016
Total:	12,779	6,378	3,081	13,210	1,166	401	0	0	37,016
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	12,779	6,378	3,081	13,210	1,166	401	0	0	37,016
Total*:	12,779	6,378	3,081	13,210	1,166	401	0	0	37,016
O & M Costs (Savings)			178,581	178,581	178,581	178,581	178,581	178,581	1,071,490
Spending Plan by Fund									
Drainage and Wastewater Fund		6,943	3,081	13,210	1,166	401	0	0	24,801
Total:		6,943	3,081	13,210	1,166	401	0	0	24,801

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Bridging the Gap - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2008
Project ID:	C4119-DWF	**End Date:**	ONGOING
Location:	Various Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This multi-year, multi-project program funds assessments, repairs, and improvements to SPU's drainage and wastewater utility infrastructure at sites chosen by the Seattle Department of Transportation (SDOT) for bridge improvements and pedestrian and bicycle safety improvements within its "Bridging the Gap" program. SPU assesses the condition of its utility infrastructure at SDOT's project sites and conducts repairs and improvements as needed.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	184	200	27	100	100	766	350	100	1,827
Total:	184	200	27	100	100	766	350	100	1,827
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	184	200	27	100	100	766	350	100	1,827
Total*:	184	200	27	100	100	766	350	100	1,827
O & M Costs (Savings)			14,428	14,428	14,428	14,428	14,428	14,428	86,570
Spending Plan by Fund									
Drainage and Wastewater Fund		0	27	100	100	766	350	100	1,443
Total:		0	27	100	100	766	350	100	1,443

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Broadview Long Term Plan

BCL/Program Name:	Flooding, Sewer Back-up, and Landslides	**BCL/Program Code:**	C380B
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	C3812	**End Date:**	ONGOING
Location:	Broadview		
Neighborhood Plan:	Broadview-Bitter Lake-Haller Lake	**Council District:**	5
Neighborhood District:	Northwest	**Urban Village:**	Not in an Urban Village

Portions of the Broadview neighborhood suffer from significant capacity limitations of the sanitary sewer resulting in numerous sewer backups into residences during wet weather events upon which the City has paid numerous claims dating to at least 1996. It is thought that this results from a combination of infiltration and inflow into the sanitary sewer system during wet weather. Program will develop and implement a plan with the goal of restoring sanitary sewer system capacity.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	3,667	5,756	3,000	3,000	7,900	8,000	3,700	12,915	47,938
Total:	3,667	5,756	3,000	3,000	7,900	8,000	3,700	12,915	47,938
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	3,667	5,756	3,000	3,000	7,900	8,000	3,700	12,915	47,938
Total*:	3,667	5,756	3,000	3,000	7,900	8,000	3,700	12,915	47,938
O & M Costs (Savings)			385,150	385,150	385,150	385,150	385,150	385,150	2,310,900
Spending Plan by Fund									
Drainage and Wastewater Fund		1,475	3,000	3,000	7,900	8,000	3,700	12,915	39,990
Total:		1,475	3,000	3,000	7,900	8,000	3,700	12,915	39,990

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Capitol Hill Water Quality Project

BCL/Program Name:	Protection of Beneficial Uses	**BCL/Program Code:**	C333B
Project Type:	New Facility	**Start Date:**	Q1/2006
Project ID:	C3373	**End Date:**	Q4/2018
Location:	Yale Ave N/Pontius Ave N/Thomas Street		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Lake Union	**Urban Village:**	South Lake Union

This project provides construction of four blocks of biofiltration swales in the South Lake Union neighborhood. As part of a regional storm water treatment facility, this project will be constructed in partnership with an adjacent land developer and includes new sidewalks and road surfaces. The project treats runoff from a portion of approximately 435 acres of Capitol Hill.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	237	0	0	0	0	0	0	237
Total:	0	237	0	0	0	0	0	0	237
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	237	0	0	0	0	0	0	237
Total*:	0	237	0	0	0	0	0	0	237
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Drainage and Wastewater Fund		0	0	0	0	0	0	0	0
Total:		0	0	0	0	0	0	0	0

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Combined Sewer Overflow Facility Retrofit

BCL/Program Name:	Combined Sewer Overflows	**BCL/Program Code:**	C360B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2002
Project ID:	C3611	**End Date:**	ONGOING
Location:	Various Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing program retrofits, upgrades, and modifies existing Combined Sewer Overflows (CSO) reduction facilities in Seattle CSO basins. Retrofit projects cost-effectively optimize system operation and storage, mitigate the extent of CSOs, and postpone and/or downsize large CSO reduction projects. This project assists in achieving State Department of Ecology's requirement of an average of no more than one wet-weather overflow event per outfall per year.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	22,730	13,202	4,788	2,611	5,461	720	1,500	12,884	63,897
Total:	22,730	13,202	4,788	2,611	5,461	720	1,500	12,884	63,897
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	22,730	13,202	4,788	2,611	5,461	720	1,500	12,884	63,897
Total*:	22,730	13,202	4,788	2,611	5,461	720	1,500	12,884	63,897
O & M Costs (Savings)			279,648	279,648	279,648	279,648	279,648	279,648	1,677,890
Spending Plan by Fund									
Drainage and Wastewater Fund		11,856	4,788	2,611	5,461	720	1,500	12,884	39,820
Total:		11,856	4,788	2,611	5,461	720	1,500	12,884	39,820

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Creek Culvert Replacement Program

BCL/Program Name:	Protection of Beneficial Uses	**BCL/Program Code:**	C333B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2016
Project ID:	C3314	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program provides for the repair and replacement of stream culverts that are part of SPU's critical drainage infrastructure. Culverts will be repaired or replaced based on risks and benefits of the project, including flooding, risk of failure, operations and maintenance needs and benefits and importance for addressing fish passage. Replacements and significant repairs will be addressed as part of this capital program, while retrofits will be covered within the Operations and Maintenance budget.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	0	1,463	923	5,528	500	1,000	3,000	12,414
Total:	0	0	1,463	923	5,528	500	1,000	3,000	12,414
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	0	1,463	923	5,528	500	1,000	3,000	12,414
Total*:	0	0	1,463	923	5,528	500	1,000	3,000	12,414
Spending Plan by Fund									
Drainage and Wastewater Fund		475	1,463	923	5,528	500	1,000	3,000	12,889
Total:		475	1,463	923	5,528	500	1,000	3,000	12,889

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Culvert Replacement Program

BCL/Program Name:	Flooding, Sewer Back-up, and Landslides	**BCL/Program Code:**	C380B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q2/2008
Project ID:	C3810	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program provides for the repair and replacement of stream culverts that are part of SPU's critical drainage infrastructure. Culverts will be repaired or replaced based on risks and benefits of the project, including flooding and public infrastructure risk and benefits. Replacements will be addressed as part of this capital program, while small repairs and retrofits will be covered within the Operations and Maintenance budget. Funding transfers to from the budget placeholder to culvert replacement projects once they are approved through the AMC process.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	1,297	0	0	0	0	0	0	1,297
Total:	0	1,297	0	0	0	0	0	0	1,297
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	1,297	0	0	0	0	0	0	1,297
Total*:	0	1,297	0	0	0	0	0	0	1,297
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Drainage and Wastewater Fund		0	0	0	0	0	0	0	0
Total:		0	0	0	0	0	0	0	0

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

Densmore Basin Drainage Improvements

BCL/Program Name:	Flooding, Sewer Back-up, and Landslides	**BCL/Program Code:**	C380B
Project Type:	New Facility	**Start Date:**	Q1/2009
Project ID:	C3803	**End Date:**	Q2/2014
Location:	Densmore Basin		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	5
Neighborhood District:	Northwest	**Urban Village:**	Bitter Lake Village

This program reduces surface water flooding and stormwater pollutant loading within the Densmore Basin. Improvements may include increasing the detention volume of the existing Stone Pond facility in order to address stormwater flow, and using traditional storage facilities and/or low impact development techniques to reduce flooding impacts at key locations in the upper Densmore Basin.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	7,588	0	0	0	0	0	0	0	7,588
Total:	7,588	0	0	0	0	0	0	0	7,588
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	7,588	0	0	0	0	0	0	0	7,588
Total*:	7,588	0	0	0	0	0	0	0	7,588
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Emergency Rehabilitation

BCL/Program Name:	Rehabilitation	**BCL/Program Code:**	C370B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1998
Project ID:	C3705	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project provides emergency sewer response to collapsed mainlines, surface street subsidence or voids resulting from leaking pipes, and storm-related incidents in Seattle, as well as emergency rehabilitation to drainage pipes that collapse, cause surface problems, or otherwise endanger public health or welfare. Typical improvements may include, but are not limited to, rehabilitation or replacement of structurally damaged pipes that caused the emergency and restoring surrounding areas. Rehabilitation or replacement quickly corrects the situation, avoids repeat incident, and extends the life of the asset.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	598	0	0	0	0	0	0	598
Total:	0	598	0	0	0	0	0	0	598
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	598	0	0	0	0	0	0	598
Total*:	0	598	0	0	0	0	0	0	598
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Drainage and Wastewater Fund		0	0	0	0	0	0	0	0
Total:		0	0	0	0	0	0	0	0

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

Emergency Storms - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q3/2007
Project ID:	C4120-DWF	**End Date:**	ONGOING
Location:	Various Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program funds Drainage & Wastewater infrastructure capital improvement projects resulting from previous and possible future storm events. These projects are potentially Federal Emergency Management Agency (FEMA) reimbursable and need to be separated out for tracking and reimbursement purposes. Typical improvements include, but are not limited to, repairing and mitigating landslides, restoring detention ponds, and replacing culverts and detention walls. All projects resulting from previous storms events have been completed. This program will now serve as a placeholder for any future storm events.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	1	100	100	100	100	100	100	0	601
Total:	1	100	100	100	100	100	100	0	601
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	1	100	100	100	100	100	100	0	601
Total*:	1	100	100	100	100	100	100	0	601
O & M Costs (Savings)			5,000	5,000	5,000	5,000	5,000	5,000	30,000
Spending Plan by Fund									
Drainage and Wastewater Fund		100	100	100	100	100	100	0	600
Total:		100	100	100	100	100	100	0	600

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

First Hill Streetcar - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2010
Project ID:	C4130-DWF	**End Date:**	Q4/2018
Location:	First Hill		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project plans and relocates drainage and wastewater facilities that will be impacted by the SDOT-led First Hill Streetcar project, which will connect major employment centers on First Hill to the regional light rail system stations on Capitol Hill and in the International District. Currently this project is in the planning phase and no specific capitalizable betterments have been identified for the 2014-2019 timeframe but if they are, necessary funding will be requested.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	12	500	400	1,800	400	0	0	0	3,112
Total:	12	500	400	1,800	400	0	0	0	3,112
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	12	500	400	1,800	400	0	0	0	3,112
Total*:	12	500	400	1,800	400	0	0	0	3,112
O & M Costs (Savings)			26,000	26,000	26,000	26,000	26,000	26,000	156,000
Spending Plan by Fund									
Drainage and Wastewater Fund		800	400	1,800	400	0	0	0	3,400
Total:		800	400	1,800	400	0	0	0	3,400

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

Future CSO Projects

BCL/Program Name:	Combined Sewer Overflows	**BCL/Program Code:**	C360B
Project Type:	Improved Facility	**Start Date:**	Q1/2015
Project ID:	C3612	**End Date:**	Q4/2025
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program is for future combined sewer overflow (CSO) reduction projects that will be identified through the CSO Long-Term Control Plan (LTCP). Future projects are most likely to include underground storage projects, wastewater lift station improvements, and/or wastewater conveyance system improvements. Planning for the projects will begin around 2015, and the projects should complete their construction by 2025.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	6,709	0	685	1,356	1,356	1,080	7,145	18,331
Total:	0	6,709	0	685	1,356	1,356	1,080	7,145	18,331
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	6,709	0	685	1,356	1,356	1,080	7,145	18,331
Total*:	0	6,709	0	685	1,356	1,356	1,080	7,145	18,331
O & M Costs (Savings)			116,215	116,215	116,215	116,215	116,215	116,215	697,289
Spending Plan by Fund									
Drainage and Wastewater Fund		18,299	0	685	1,356	1,356	1,080	7,145	29,921
Total:		18,299	0	685	1,356	1,356	1,080	7,145	29,921

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Green Stormwater Infrastructure Program

BCL/Program Name:	Combined Sewer Overflows	**BCL/Program Code:**	C360B
Project Type:	New Facility	**Start Date:**	Q1/2011
Project ID:	C3610	**End Date:**	ONGOING
Location:	Citywide Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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 raingardens, permeable pavement alleys, and the RainWise program. RainWise provides financial incentives to private property owners within our uncontrolled CSO basins for construction of properly sized and installed raingardens or cisterns. The program supports the City's current regulatory strategy for compliance with CSO National Pollutant Discharge Elimination System (NPDES) permit.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	9,993	9,635	6,936	2,400	1,990	1,750	1,650	1,100	35,453
Total:	9,993	9,635	6,936	2,400	1,990	1,750	1,650	1,100	35,453
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	9,993	9,635	6,936	2,400	1,990	1,750	1,650	1,100	35,453
Total*:	9,993	9,635	6,936	2,400	1,990	1,750	1,650	1,100	35,453
O & M Costs (Savings)			158,257	158,257	158,257	158,257	158,257	158,257	949,540
Spending Plan by Fund									
Drainage and Wastewater Fund		5,315	6,936	2,400	1,990	1,750	1,650	1,100	21,141
Total:		5,315	6,936	2,400	1,990	1,750	1,650	1,100	21,141

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

GSI for Protection of Beneficial Uses

BCL/Program Name:	Protection of Beneficial Uses	**BCL/Program Code:**	C333B
Project Type:	New Facility	**Start Date:**	Q1/2016
Project ID:	C3316	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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 private property incentives for construction of properly sized and installed rain gardens or cisterns (RainWise program) in creek watersheds. Current projects included in this program are the Capitol Hill Water Quality Channel, which treats a large drainage area from Capitol Hill before the water is discharged to South Lake Union; the Venema Natural Drainage System Project, which treats a majority of the stormwater from the Venema Creek basin and provides a significant reduction in flow volumes reaching the creek; and the Natural Drainage System Partnering Projects which will achieve the water quality goals identified in the Plan to Protect Seattle‘s Waterways (i.e. the Integrated Plan) by working with sister agencies and community partners to deliver high-value neighborhood improvements.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	0	2,737	7,766	8,424	7,452	7,702	7,160	41,241
Total:	0	0	2,737	7,766	8,424	7,452	7,702	7,160	41,241
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	0	2,737	7,766	8,424	7,452	7,702	7,160	41,241
Total*:	0	0	2,737	7,766	8,424	7,452	7,702	7,160	41,241
Spending Plan by Fund									
Drainage and Wastewater Fund		3,467	2,737	7,766	8,424	7,452	7,702	7,160	44,707
Total:		3,467	2,737	7,766	8,424	7,452	7,702	7,160	44,707

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

Heavy Equipment Purchases - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Investment	**Start Date:**	ONGOING
Project ID:	C4116-DWF	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program provides SPU's Drainage and Wastewater Utility crews with new and replacement heavy equipment that is used throughout Seattle. Typical purchases include vactors, backhoes, loaders, service trucks, "TV" trucks and dump trucks, as well as retrofitting existing equipment to meet SPU operational needs and initiatives. This equipment transports work crews and tools to jobsites and supports the safe and efficient replacement, repair, and maintenance of Seattle's Drainage and Wastewater system. This program is one of three SPU fund-specific heavy equipment CIP programs.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	10,938	7,665	2,355	2,412	1,916	2,248	2,754	2,500	32,787
Total:	10,938	7,665	2,355	2,412	1,916	2,248	2,754	2,500	32,787
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	10,938	7,665	2,355	2,412	1,916	2,248	2,754	2,500	32,787
Total*:	10,938	7,665	2,355	2,412	1,916	2,248	2,754	2,500	32,787
O & M Costs (Savings)			141,844	141,844	141,844	141,844	141,844	141,844	851,067
Spending Plan by Fund									
Drainage and Wastewater Fund		5,651	2,355	2,412	1,916	2,248	2,754	2,500	19,835
Total:		5,651	2,355	2,412	1,916	2,248	2,754	2,500	19,835

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

Integrated Control Monitoring Program - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Investment	**Start Date:**	Q1/2002
Project ID:	C4108-DWF	**End Date:**	Q4/2020
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program funds improvements to the centralized monitoring and control of the drainage and wastewater portion of the overall Supervisory Control and Data Acquisition (SCADA) system infrastructure throughout Seattle. Infrastructure affected may include, but is not limited to, pipes related to potential combined sewer overflows, rain gauges, and wastewater pump stations. This program enhances and protects the quality and condition of lakes and streams, and addresses the Environmental Protection Agency's (EPA) National Pollutant Discharge Elimination System (NPDES) permit requirements.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	12,262	1,121	250	250	250	250	250	0	14,633
Total:	12,262	1,121	250	250	250	250	250	0	14,633
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	12,262	1,121	250	250	250	250	250	0	14,633
Total*:	12,262	1,121	250	250	250	250	250	0	14,633
O & M Costs (Savings)			12,500	12,500	12,500	12,500	12,500	12,500	75,000
Spending Plan by Fund									
Drainage and Wastewater Fund		850	250	250	250	250	250	0	2,100
Total:		850	250	250	250	250	250	0	2,100

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

Knickerbocker Floodplain Improvements

BCL/Program Name:	Protection of Beneficial Uses	**BCL/Program Code:**	C333B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q3/2012
Project ID:	C3383	**End Date:**	Q4/2015
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**Urban Village:**	Outside Seattle City

This project provides design, permits and construction of a floodplain restoration project on the south branch of Thornton Creek to contribute to reduced system-wide stream-side flooding and improve instream and riparian habitat and water quality. Project elements include stream realignment, floodplain excavation, installation of a hyporheic zone (a subsurface volume of sediment and porous space adjacent to a stream through which stream water readily exchanges), replacement of a pedestrian bridge, and riparian plantings. This project is consistent with a number of long-term plans (including the DWW Urban Watershed Strategy, 2004 Mayor's Aquatic Ecology Strategy, and 1999 Thornton Creek Watershed Action Plan) and follows the path mapped out by the Thornton Creek Confluence project which also increases floodplain area to provide stream water storage.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	138	0	0	0	0	0	0	138
Total:	0	138	0	0	0	0	0	0	138
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	138	0	0	0	0	0	0	138
Total*:	0	138	0	0	0	0	0	0	138
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Drainage and Wastewater Fund		0	0	0	0	0	0	0	0
Total:		0	0	0	0	0	0	0	0

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

Localized Flood Control Program

BCL/Program Name:	Flooding, Sewer Back-up, and Landslides	**BCL/Program Code:**	C380B
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	C3802	**End Date:**	ONGOING
Location:	Various Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	5
Neighborhood District:	Northwest	**Urban Village:**	Bitter Lake Village

This ongoing program provides 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. Candidate projects are identified through claims, complaints, studies, and field investigations. Drainage and Landslide Spot projects are also included within this program. The Localized Flood Control Program improves Drainage and Wastewater levels of service.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	11,147	3,960	2,678	1,371	1,256	1,373	1,391	500	23,676
Total:	11,147	3,960	2,678	1,371	1,256	1,373	1,391	500	23,676
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	11,147	3,960	2,678	1,371	1,256	1,373	1,391	500	23,676
Total*:	11,147	3,960	2,678	1,371	1,256	1,373	1,391	500	23,676
O & M Costs (Savings)			85,683	85,683	85,683	85,683	85,683	85,683	514,098
Spending Plan by Fund									
Drainage and Wastewater Fund		3,488	2,678	1,371	1,256	1,373	1,391	500	12,056
Total:		3,488	2,678	1,371	1,256	1,373	1,391	500	12,056

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

Long Term Control Plan

BCL/Program Name:	Combined Sewer Overflows	**BCL/Program Code:**	C360B
Project Type:	New Facility	**Start Date:**	Q3/2008
Project ID:	C3604	**End Date:**	Q4/2030
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This program creates a Long Term Control Plan (LTCP) in accordance with SPU's Combined Sewer Overflow (CSO) Nationa Pollutant Discharge Elimination System (NPDES) permit and the Federal CSO Control Policy. On May 1, 2012, the Environmental Protection Agency/Department of Justice issued a draft Consent Decree to the City of Seattle which requires the development and submission of a Long-Term Control Plan for approval by May 30, 2015. It further stipulates that all CSO Control Measures are to be constructed as expeditiously as practicable, and in no event later than December 31, 2025. The Consent Decree also allows the City to propose storm water control project(s) as part of an Integrated Plan, in addition to the CSO Control Measures. If approved, the storm water projects can be constructed first and the CSO Control Measures deferred beyond the December 2025 due date.

The LTCP will reduce the number and volume of its CSO overflows, meet receiving water quality standards, and protect designated beneficial uses. The LTCP includes, flow characterization, monitoring, and hydraulic modeling; development CSO control alternatives; development of control alternatives that takes into consideration costs and performance; operational plan revisions; public participation; implementation schedule; and post-construction monitoring. The Program also includes a Programmatic SEPA EIS (Note: includes the Alaskan Way Viaduct & Seawall Program C4102). The Plan and EIS will be submitted to EPA/ Washington State Department of Ecology for approval in2015 and will include all City of Seattle CSO basins except existing CSO Projects at Windermere, Genesee, Henderson and Central Waterfront (except as noted).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	36,321	1,980	750	500	250	0	0	1,000	40,801
Total:	36,321	1,980	750	500	250	0	0	1,000	40,801
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	36,321	1,980	750	500	250	0	0	1,000	40,801
Total*:	36,321	1,980	750	500	250	0	0	1,000	40,801
O & M Costs (Savings)			25,000	25,000	25,000	25,000	25,000	25,000	150,000
Spending Plan by Fund									
Drainage and Wastewater Fund		1,553	750	500	250	0	0	1,000	4,053
Total:		1,553	750	500	250	0	0	1,000	4,053

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

Madison Valley Long Term Solution

BCL/Program Name:	Flooding, Sewer Back-up, and Landslides	**BCL/Program Code:**	C380B
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	C3805	**End Date:**	Q2/2015
Location:	Various Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	4
Neighborhood District:	Central	**Urban Village:**	Not in an Urban Village

This project provides stormwater flood control facilities to greatly reduce the potential for flooding in the Madison Valley area, especially in the vicinity of 30th Ave E. and E. John St, and in the area of 29th Ave E. and E. Madison St. Work will include construction of a large stormwater pipe in the NW section of the Madison Valley basin, a new stormwater storage facility in Washington Park, and an expanded stormwater retention area at 30th Ave E. and E. John St.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	35,008	0	0	0	0	0	0	0	35,008
Total:	35,008	0	0	0	0	0	0	0	35,008
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	35,008	0	0	0	0	0	0	0	35,008
Total*:	35,008	0	0	0	0	0	0	0	35,008
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Meadowbrook Pond Sediment Management

BCL/Program Name:	Flooding, Sewer Back-up, and Landslides	**BCL/Program Code:**	C380B
Project Type:	Improved Facility	**Start Date:**	Q1/2012
Project ID:	C3808	**End Date:**	Q3/2015
Location:	35th AVE NE/NE 105th ST/NE 110th ST		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	5
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

The project provides for dredging of sediment in Meadowbrook Pond and modifying existing structures to improve functionality of the facility. These tasks will improve the maintenance operations and the cost efficiency and management of Meadowbrook Pond by reducing flow volume, sediments, and contaminants; capturing sediments more efficiently to improve maintenance and worker safety; improving dredging methods; developing definitive maintenance triggers; modifying structures to manage debris, improving flood control; expanding bypass capacity; and increasing water quality in the pond and downstream.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	4,013	0	0	0	0	0	0	0	4,013
Total:	4,013	0	0	0	0	0	0	0	4,013
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	4,013	0	0	0	0	0	0	0	4,013
Total*:	4,013	0	0	0	0	0	0	0	4,013
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Mercer Corridor Project East Phase - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2007
Project ID:	C4114-DWF	**End Date:**	Q4/2014
Location:	South Lake Union		
Neighborhood Plan:	South Lake Union	**Council District:**	More than one
Neighborhood District:	Lake Union	**Urban Village:**	South Lake Union

This program funds the repair, relocation, protection, and upgrade of drainage and wastewater infrastructure related to the redevelopment of the South Lake Union neighborhood. Program work includes, but is not limited to, flow modeling and development of green roofs. This effort identifies SPU drainage and wastewater system direct impacts, opportunities for system improvements, and cost responsibility. This program also funds planning-level coordination with other city departments on projects within the South Lake Union area.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	6,294	0	0	0	0	0	0	0	6,294
Total:	6,294	0	0	0	0	0	0	0	6,294
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	6,294	0	0	0	0	0	0	0	6,294
Total*:	6,294	0	0	0	0	0	0	0	6,294
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Mercer Corridor Project West Phase - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2010
Project ID:	C4133-DWF	**End Date:**	Q4/2016
Location:	Mercer St Mercer St/Elliot Ave W/Dexter Ave N		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project provides drainage and wastewater utility improvements and relocations related to the Mercer Corridor project, West phase. The project will convert 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 Aurora and Queen Anne Ave., will also be converted to a two-way street with on-road bicycle lanes.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	1,066	351	30	0	0	0	0	0	1,447
Total:	1,066	351	30	0	0	0	0	0	1,447
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	1,066	351	30	0	0	0	0	0	1,447
Total*:	1,066	351	30	0	0	0	0	0	1,447
O & M Costs (Savings)			300	300	300	300	300	300	1,800
Spending Plan by Fund									
Drainage and Wastewater Fund		350	30	0	0	0	0	0	380
Total:		350	30	0	0	0	0	0	380

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Meter Replacement - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2004
Project ID:	C4101-DWF	**End Date:**	ONGOING
Location:	Citywide Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program funds replacement of existing water meters when they fail or become obsolete. Meters measuring up to two inches are replaced when they stop running. Meters measuring three inches or more are repaired when possible, but are replaced when repair costs exceed replacement costs. Accurate water meters ensure that customers are billed fairly for the water they use. Since water meters also are used to bill customers for their wastewater discharges, 48 percent of the funding is allocated to the Drainage and Wastewater line of business.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	5,374	575	504	552	554	558	562	481	9,161
Total:	5,374	575	504	552	554	558	562	481	9,161
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	5,374	575	504	552	554	558	562	481	9,161
Total*:	5,374	575	504	552	554	558	562	481	9,161
O & M Costs (Savings)			32,119	32,119	32,119	32,119	32,119	32,119	192,711
Spending Plan by Fund									
Drainage and Wastewater Fund		410	504	552	554	558	562	481	3,622
Total:		410	504	552	554	558	562	481	3,622

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No Dig Pipe & Maintenance Rehabilitation

BCL/Program Name:	Rehabilitation	**BCL/Program Code:**	C370B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1998
Project ID:	C3707	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project provides trenchless technology to reline wastewater pipe in Seattle. Generally, prioritized critical sewer pipe that is intact though leaking, and very near the end of its useful life, is relined by a specialized vendor. Installation of the liner extends pipe segment life for more than fifty years.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	2,750	0	0	0	0	0	0	2,750
Total:	0	2,750	0	0	0	0	0	0	2,750
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	2,750	0	0	0	0	0	0	2,750
Total*:	0	2,750	0	0	0	0	0	0	2,750
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Drainage and Wastewater Fund		0	0	0	0	0	0	0	0
Total:		0	0	0	0	0	0	0	0

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Operational Facility - Construction - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2004
Project ID:	C4106-DWF	**End Date:**	ONGOING
Location:	Citywide Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing facilities program renovates, rehabilitates, and replaces existing buildings and constructs new facilities at various locations within the city limits to address deficiencies, failures, and functional changes in the SPU Lines of Business. Typical improvements include, but are not limited to, roof replacements, exterior wall or cladding replacements, and improvements to administrative office space, crew and shop space, lighting, heating and ventilation systems, and facilities structures. These improvements increase the useful life of the facilities, preserve the value of the assets, and provide a safe working environment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	2,953	1,163	9,442	5,694	7,866	9,672	5,116	8,074	49,980
Total:	2,953	1,163	9,442	5,694	7,866	9,672	5,116	8,074	49,980
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	2,953	1,163	9,442	5,694	7,866	9,672	5,116	8,074	49,980
Total*:	2,953	1,163	9,442	5,694	7,866	9,672	5,116	8,074	49,980
O & M Costs (Savings)			458,640	458,640	458,640	458,640	458,640	458,640	2,751,840
Spending Plan by Fund									
Drainage and Wastewater Fund		1,757	9,442	5,694	7,866	9,672	5,116	8,074	47,621
Total:		1,757	9,442	5,694	7,866	9,672	5,116	8,074	47,621

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Operational Facility - Other - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2006
Project ID:	C4115-DWF	**End Date:**	ONGOING
Location:	Various Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing facilities program provides funding to purchase, replace, or install new building materials or building equipment 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, drainage systems, prefabricated buildings, storage buildings, and fencing.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	136	300	100	0	0	0	0	0	536
Total:	136	300	100	0	0	0	0	0	536
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	136	300	100	0	0	0	0	0	536
Total*:	136	300	100	0	0	0	0	0	536
O & M Costs (Savings)			1,000	1,000	1,000	1,000	1,000	1,000	6,000

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Operations Control Center - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2003
Project ID:	C4105-DWF	**End Date:**	ONGOING
Location:	2700 Airport Way S		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	2
Neighborhood District:	Greater Duwamish	**Urban Village:**	Duwamish

This ongoing facilities program renovates, rehabilitates, replaces existing buildings, and constructs new facilities at the Operations Control Center located at 2700 Airport Way South to improve the efficiency and effectiveness of the field crews delivering utility services to customers. Typical improvements include, but are not limited to, roof and other exterior replacements, improvements to public spaces, office and crew spaces and lighting, and heating and ventilation systems. These improvements increase the useful life of the facility, preserve the value of the asset, and provide a safe work and public space environment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	203	1,063	28	70	84	70	0	740	2,259
Total:	203	1,063	28	70	84	70	0	740	2,259
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	203	1,063	28	70	84	70	0	740	2,259
Total*:	203	1,063	28	70	84	70	0	740	2,259
O & M Costs (Savings)			9,920	9,920	9,920	9,920	9,920	9,920	59,520
Spending Plan by Fund									
Drainage and Wastewater Fund		524	28	70	84	70	0	740	1,516
Total:		524	28	70	84	70	0	740	1,516

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Other Major Transportation Projects - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q2/2008
Project ID:	C4123-DWF	**End Date:**	ONGOING
Location:	Various Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program funds Drainage and Wastewater projects that mitigate undesirable impacts from, and takes advantage of opportunities generated by, capital transportation projects of the Washington State Department of Transportation (WSDOT) and the Seattle Department of Transportation (SDOT) throughout the city. Work may include, but is not limited to, physically protecting the infrastructure during the transportation construction process, repairing and replacing damaged infrastructure, and improving existing infrastructure to meet higher standards. Project sites may include, but are not limited to, State Route 520, Interstate 5, and Interstate 90.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	301	650	250	266	750	750	50	0	3,017
Total:	301	650	250	266	750	750	50	0	3,017
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	301	650	250	266	750	750	50	0	3,017
Total*:	301	650	250	266	750	750	50	0	3,017
O & M Costs (Savings)			20,660	20,660	20,660	20,660	20,660	20,660	123,960
Spending Plan by Fund									
Drainage and Wastewater Fund		904	250	266	750	750	50	0	2,969
Total:		904	250	266	750	750	50	0	2,969

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Outfall Rehabilitation Program

BCL/Program Name:	Rehabilitation	**BCL/Program Code:**	C370B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q4/2010
Project ID:	C3708	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program 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 program will investigate the condition of each of the outfalls and complete an options analysis, followed by design, construction, and closeout activities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	1,774	1,446	2,325	1,530	1,500	1,500	1,500	1,500	13,075
Total:	1,774	1,446	2,325	1,530	1,500	1,500	1,500	1,500	13,075
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	1,774	1,446	2,325	1,530	1,500	1,500	1,500	1,500	13,075
Total*:	1,774	1,446	2,325	1,530	1,500	1,500	1,500	1,500	13,075
O & M Costs (Savings)			98,551	98,551	98,551	98,551	98,551	98,551	591,303
Spending Plan by Fund									
Drainage and Wastewater Fund		613	2,325	1,530	1,500	1,500	1,500	1,500	10,468
Total:		613	2,325	1,530	1,500	1,500	1,500	1,500	10,468

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Pipe Renewal Program

BCL/Program Name:	Rehabilitation	**BCL/Program Code:**	C370B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2016
Project ID:	C3710	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

SPU operates and maintains approximately 1,400 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. There are a number of factors that impact pipe life thereby creating complex renewal decisions. This program is a capital reinvestment program into the repair, replacement, rehabilitation and renewal of the collection system by various contracting and construction methods.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	0	13,520	17,208	19,500	20,000	22,000	22,500	114,727
Total:	0	0	13,520	17,208	19,500	20,000	22,000	22,500	114,727
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	0	13,520	17,208	19,500	20,000	22,000	22,500	114,727
Total*:	0	0	13,520	17,208	19,500	20,000	22,000	22,500	114,727
Spending Plan by Fund									
Drainage and Wastewater Fund		10,184	13,520	17,208	19,500	20,000	22,000	22,500	124,911
Total:		10,184	13,520	17,208	19,500	20,000	22,000	22,500	124,911

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Point Sewer Pipe Rehabilitation

BCL/Program Name:	Rehabilitation	**BCL/Program Code:**	C370B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2003
Project ID:	C3704	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing project provides complex point sewer rehabilitation of sewer mains that are greater than seventeen feet deep in the downtown corridor, landslide prone areas, or difficult access areas. Failed or nonfunctional sections of pipe are assessed and prioritized for rehabilitation through one or two public works contracts. This project also provides point sewer rehabilitation of sewer mains that are less than seventeen feet deep in non-arterial Seattle roadways. In these cases, failed or nonfunctional sections of pipe are assessed and prioritized for rehabilitation by Seattle Public Utilities field operation crews. Sewer trouble spots and voids are addressed while increasing the sewer main asset life and function.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	2,152	0	0	0	0	0	0	2,152
Total:	0	2,152	0	0	0	0	0	0	2,152
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	2,152	0	0	0	0	0	0	2,152
Total*:	0	2,152	0	0	0	0	0	0	2,152
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Drainage and Wastewater Fund		0	0	0	0	0	0	0	0
Total:		0	0	0	0	0	0	0	0

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Protection of Beneficial Uses Program

BCL/Program Name:	Protection of Beneficial Uses	**BCL/Program Code:**	C333B
Project Type:	New Facility	**Start Date:**	Q1/2016
Project ID:	C3317	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

Protection of Beneficial Uses develops drainage related projects to improve the water quality, stream function and habitat in the streams and receiving waters of Seattle. Projects include stream and habitat restoration to reduce flooding, culvert repair and replacements to protect public safety, capital purchases to support street sweeping and green stormwater infrastructure projects to address flooding and control and clean runoff to streams.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	0	420	80	0	0	0	0	500
Total:	0	0	420	80	0	0	0	0	500
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	0	420	80	0	0	0	0	500
Total*:	0	0	420	80	0	0	0	0	500
Spending Plan by Fund									
Drainage and Wastewater Fund		1,746	420	80	0	0	0	0	2,246
Total:		1,746	420	80	0	0	0	0	2,246

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

Pump Station and Force Main Improvements

BCL/Program Name:	Rehabilitation	**BCL/Program Code:**	C370B
Project Type:	New Facility	**Start Date:**	Q1/2008
Project ID:	C3703	**End Date:**	ONGOING
Location:	Various Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing program 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 program enhances and extends the useful life of the existing pump stations which, in turn, protects water quality.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	11,754	4,433	3,913	3,020	3,020	3,020	3,020	4,500	36,680
Total:	11,754	4,433	3,913	3,020	3,020	3,020	3,020	4,500	36,680
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	11,754	4,433	3,913	3,020	3,020	3,020	3,020	4,500	36,680
Total*:	11,754	4,433	3,913	3,020	3,020	3,020	3,020	4,500	36,680
O & M Costs (Savings)			204,933	204,933	204,933	204,933	204,933	204,933	1,229,600
Spending Plan by Fund									
Drainage and Wastewater Fund		2,159	3,913	3,020	3,020	3,020	3,020	4,500	22,652
Total:		2,159	3,913	3,020	3,020	3,020	3,020	4,500	22,652

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S Genesee Combined Sewer Overflow

BCL/Program Name:	Combined Sewer Overflows	**BCL/Program Code:**	C360B
Project Type:	New Facility	**Start Date:**	Q1/2005
Project ID:	C3608	**End Date:**	Q4/2016
Location:	S. Genesee St. S. Genesee St.		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Southeast	**Urban Village:**	Not in an Urban Village

This project provides construction of combined sewer overflows (CSO) facilities in the Genesee area in the southeast part of Seattle. Facilities will be built to meet level of service requirements for CSOs and comply with state and federal regulations. The project will meet requirements of the City's current National Pollutant Discharge Elimination System (NPDES) Wastewater Discharge Permit.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	38,329	2,455	137	0	0	0	0	0	40,921
Total:	38,329	2,455	137	0	0	0	0	0	40,921
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	38,329	2,455	137	0	0	0	0	0	40,921
Total*:	38,329	2,455	137	0	0	0	0	0	40,921
O & M Costs (Savings)			1,375	1,375	1,375	1,375	1,375	1,375	8,248
Spending Plan by Fund									
Drainage and Wastewater Fund		3,180	137	0	0	0	0	0	3,318
Total:		3,180	137	0	0	0	0	0	3,318

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

S Henderson Combined Sewer Overflow Storage

BCL/Program Name:	Combined Sewer Overflows	**BCL/Program Code:**	C360B
Project Type:	New Facility	**Start Date:**	Q1/2005
Project ID:	C3609	**End Date:**	Q4/2018
Location:	S Henderson St. S Henderson St.		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	2
Neighborhood District:	Southeast	**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. The project will meet requirements of the City's current National Pollutant Discharge Elimination System (NPDES) Wastewater Discharge Permit. Maintenance costs will not begin until after 2020, when the project completes construction.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	27,512	26,762	26,134	5,295	319	0	0	0	86,021
Total:	27,512	26,762	26,134	5,295	319	0	0	0	86,021
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	27,512	26,762	26,134	5,295	319	0	0	0	86,021
Total*:	27,512	26,762	26,134	5,295	319	0	0	0	86,021
O & M Costs (Savings)			317,482	317,482	317,482	317,482	317,482	317,482	1,904,890
Spending Plan by Fund									
Drainage and Wastewater Fund		17,198	26,134	5,295	319	0	0	0	48,946
Total:		17,198	26,134	5,295	319	0	0	0	48,946

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

Sanitary Sewer Overflow Capacity

BCL/Program Name:	Flooding, Sewer Back-up, and Landslides	**BCL/Program Code:**	C380B
Project Type:	New Investment	**Start Date:**	Q2/2002
Project ID:	C3804	**End Date:**	ONGOING
Location:	Various Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

The Wastewater Capacity Improvement Program is designed to enhance sanitary sewer service to Seattle customers by addressing current and projected capacity limitations of the wastewater system through structural (CIP) improvements. Such improvements may include demand management measures such as infiltration and inflow (I/I) reduction, increased conveyance capacity, and individual customer measures such as installation of backflow preventers or grinder pumps to reduce the risk that customers will experience backups of sewage into their homes and businesses during storm events.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	3,047	4,361	4,766	6,023	6,000	6,000	0	1,000	31,196
Total:	3,047	4,361	4,766	6,023	6,000	6,000	0	1,000	31,196
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	3,047	4,361	4,766	6,023	6,000	6,000	0	1,000	31,196
Total*:	3,047	4,361	4,766	6,023	6,000	6,000	0	1,000	31,196
O & M Costs (Savings)			237,886	237,886	237,886	237,886	237,886	237,886	1,427,320
Spending Plan by Fund									
Drainage and Wastewater Fund		1,886	4,766	6,023	6,000	6,000	0	1,000	25,674
Total:		1,886	4,766	6,023	6,000	6,000	0	1,000	25,674

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

Security Improvements - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2007
Project ID:	C4113-DWF	**End Date:**	ONGOING
Location:	Citywide Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing program provides physical integrated security system components throughout the City of Seattle. Typical improvements may include, but are not limited to, fences, gates, access control card readers, intercoms, lighting, door and hatch contacts, CCTV cameras, motion detection devices, and fiber and conduit. This program enhances protection of SPU's critical infrastructure and addresses vulnerabilities identified in U.S. Environmental Protection Agency (EPA) mandated vulnerability assessments.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	265	180	128	109	82	82	82	105	1,032
Total:	265	180	128	109	82	82	82	105	1,032
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	265	180	128	109	82	82	82	105	1,032
Total*:	265	180	128	109	82	82	82	105	1,032
O & M Costs (Savings)			5,878	5,878	5,878	5,878	5,878	5,878	35,269
Spending Plan by Fund									
Drainage and Wastewater Fund		135	128	109	82	82	82	105	723
Total:		135	128	109	82	82	82	105	723

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

Sediment Remediation - DWF

BCL/Program Name:	Sediments	**BCL/Program Code:**	C350B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q4/2000
Project ID:	C3503	**End Date:**	ONGOING
Location:	Various Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**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 the city for which the City's drainage and wastewater utilities may have some liability. Typical phases of such projects include preliminary studies and analyses, preliminary engineering for actual cleanup efforts, and liability allocation negotiations. This program enhances the natural environment of Seattle and addresses both state and federal regulatory agency requirements.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	24,873	4,797	4,762	3,687	6,958	8,273	18,320	15,983	87,652
Total:	24,873	4,797	4,762	3,687	6,958	8,273	18,320	15,983	87,652
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	24,873	4,797	4,762	3,687	6,958	8,273	18,320	15,983	87,652
Total*:	24,873	4,797	4,762	3,687	6,958	8,273	18,320	15,983	87,652
O & M Costs (Savings)			579,829	579,829	579,829	579,829	579,829	579,829	3,478,980
Spending Plan by Fund									
Drainage and Wastewater Fund		4,042	4,762	3,687	6,958	8,273	18,320	15,983	62,025
Total:		4,042	4,762	3,687	6,958	8,273	18,320	15,983	62,025

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

Sewer Full Line Replacements

BCL/Program Name:	Rehabilitation	**BCL/Program Code:**	C370B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2001
Project ID:	C3702	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program provides for replacement of existing sewer lines citywide with pipes of the same diameter and capacity. Closed circuit television inspections identify defects in sewer mainlines, and each mainline defect is catalogued in an SPU database and assigned a priority that reflects the urgency of repair. Replacement is done by pipe-bursting methods that avoid extended pavement cutting.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	250	0	0	0	0	0	0	250
Total:	0	250	0	0	0	0	0	0	250
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	250	0	0	0	0	0	0	250
Total*:	0	250	0	0	0	0	0	0	250
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Drainage and Wastewater Fund		0	0	0	0	0	0	0	0
Total:		0	0	0	0	0	0	0	0

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

Ship Canal Water Quality Project

BCL/Program Name:	Combined Sewer Overflows	**BCL/Program Code:**	C360B
Project Type:	New Facility	**Start Date:**	Q1/2016
Project ID:	C3614	**End Date:**	Q4/2025
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

The City of Seattle (the City) has prepared a comprehensive strategy, called The Plan to Protect Seattle's Waterways (the Plan); to reduce overflows and discharge of pollutants from combined sewers and the storm drain system. The City must control sewer discharges to protect public health, the environment, to comply with the Clean Water Act, the United States District Court Consent Decree, and state regulations. On May 29, 2015, the City submitted the plan to EPA and Ecology for approval. The Plan recommends a Shared West Ship Canal Project (or the "Ship Canal Water Quality Project") between SPU and King County to provide offline storage of Combined Sewer Overflows for SPU Ballard CSO basins (outfalls 150/151 and 152), Fremont/Wallingford CSO basins (outfalls 147 and 174), King County's 3rd Ave West regulator (DSN 008) and King County's avenue NW Regulator (DSN 004). The Project has a storage capacity of 15.24 million gallons and will bring the seven CSO basins into compliance with the State's control standard of one untreated overflow per year per outfall on a 20-year moving average.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	0	17,690	19,100	26,000	59,620	86,710	78,110	287,230
Total:	0	0	17,690	19,100	26,000	59,620	86,710	78,110	287,230
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	0	17,690	19,100	26,000	59,620	86,710	78,110	287,230
Total*:	0	0	17,690	19,100	26,000	59,620	86,710	78,110	287,230

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

Sound Transit - North Link - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Facility	**Start Date:**	Q1/2012
Project ID:	C4135-DWF	**End Date:**	Q4/2020
Location:	Various Various		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program funds relocation, replacement, and protection of drainage and wastewater infrastructure affected by the development of Sound Transit's Link Light Rail System. Sound Transit is constructing the third segment of their electrical light rail transit system that includes 4.3 mile light rail extension, three additional stations, and other supporting facilities from the University of Washington to Northgate.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	400	359	75	50	50	25	0	959
Total:	0	400	359	75	50	50	25	0	959
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	400	359	75	50	50	25	0	959
Total*:	0	400	359	75	50	50	25	0	959
O & M Costs (Savings)			5,588	5,588	5,588	5,588	5,588	5,588	33,528
Spending Plan by Fund									
Drainage and Wastewater Fund		92	359	75	50	50	25	0	651
Total:		92	359	75	50	50	25	0	651

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

Sound Transit â€“ University Link - DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	C4110-DWF	**End Date:**	Q2/2016
Location:	Various Various		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program funds relocation, replacement, and protection of drainage and wastewater infrastructure affected by the development of Sound Transit's Link Light Rail System. Sound Transit is constructing the second segment of their electrical light rail transit system that includes 3.15 miles of tunnel, two additional stations, and other supporting facilities from downtown to the University of Washington.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	283	87	10	0	0	0	0	0	380
Total:	283	87	10	0	0	0	0	0	380
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	283	87	10	0	0	0	0	0	380
Total*:	283	87	10	0	0	0	0	0	380
O & M Costs (Savings)			100	100	100	100	100	100	600
Spending Plan by Fund									
Drainage and Wastewater Fund		65	10	0	0	0	0	0	75
Total:		65	10	0	0	0	0	0	75

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

Sound Transit-East Link

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Facility	**Start Date:**	Q2/2013
Project ID:	C4122-DWF	**End Date:**	Q4/2020
Location:	Various Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This program funds relocation, replacement, and protection of drainage and wastewater infrastructure affected by the development of Sound Transit's Link Light Rail System. Sound Transit is constructing the next segment of their electrical light rail transit system that includes 14 mile light rail extension, 10 additional stations total (one in Seattle) and other supporting facilities from the International District (ID) across I-90 to Bellevue/Redmond.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	10	38	20	100	50	25	0	0	243
Total:	10	38	20	100	50	25	0	0	243
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	10	38	20	100	50	25	0	0	243
Total*:	10	38	20	100	50	25	0	0	243
O & M Costs (Savings)			1,950	1,950	1,950	1,950	1,950	1,950	11,700
Spending Plan by Fund									
Drainage and Wastewater Fund		20	20	100	50	25	0	0	215
Total:		20	20	100	50	25	0	0	215

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

South Park Pump Station

BCL/Program Name:	Flooding, Sewer Back-up, and Landslides	**BCL/Program Code:**	C380B
Project Type:	New Facility	**Start Date:**	Q3/2008
Project ID:	C3806	**End Date:**	Q4/2025
Location:	698 S Riverside DR/Holden/Austin		
Neighborhood Plan:	South Park	**Council District:**	1
Neighborhood District:	Greater Duwamish	**Urban Village:**	Duwamish

This project constructs a pump station (PS) and water quality facility (WQF) in South Park. The PS allows the existing storm drain trunk to meet the 2004 Comprehensive Drainage Plan level of service and allows future projects expanding the collection system to address flooding complaints. The WQF will treat most stormwater flows from the basin, reducing pollutant loading to the Duwamish. Flows over 11 CFS will bypass the WQF and be pumped directly to the river.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	7,432	1,500	2,897	10,158	4,076	4,776	2,807	11,747	45,394
Total:	7,432	1,500	2,897	10,158	4,076	4,776	2,807	11,747	45,394
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	7,432	1,500	2,897	10,158	4,076	4,776	2,807	11,747	45,394
Total*:	7,432	1,500	2,897	10,158	4,076	4,776	2,807	11,747	45,394
O & M Costs (Savings)			364,621	364,621	364,621	364,621	364,621	364,621	2,187,730
Spending Plan by Fund									
Drainage and Wastewater Fund		1,254	2,897	10,158	4,076	4,776	2,807	11,747	37,716
Total:		1,254	2,897	10,158	4,076	4,776	2,807	11,747	37,716

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

Street Sweeping for Water Quality

BCL/Program Name:	Protection of Beneficial Uses	**BCL/Program Code:**	C333B
Project Type:	New Investment	**Start Date:**	Q1/2011
Project ID:	C3363	**End Date:**	ONGOING
Location:	Various Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program provides for a cost-effective, significant reduction in the potentially toxic pollutant load carried by stormwater runoff discharged by SPU's storm drain system to Puget Sound using new, high efficiency street sweeping technology. The Program is a partnership between Seattle Public Utilities, who sets the program direction, provides water quality expertise, and funding for the portion of routes that drain to the municipal separate storm sewer system (MS4), which discharges directly to our receiving waters and Seattle Department of Transportation, who provides operational expertise, street sweeping services, and funding for the portion of the routes that drain to the combined sewer system (CSS).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	266	765	200	0	0	0	0	0	1,231
Total:	266	765	200	0	0	0	0	0	1,231
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	266	765	200	0	0	0	0	0	1,231
Total*:	266	765	200	0	0	0	0	0	1,231
O & M Costs (Savings)			2,000	2,000	2,000	2,000	2,000	2,000	12,000
Spending Plan by Fund									
Drainage and Wastewater Fund		450	200	0	0	0	0	0	650
Total:		450	200	0	0	0	0	0	650

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

Taylor Creek Culvert Replacement

BCL/Program Name:	Protection of Beneficial Uses	**BCL/Program Code:**	C333B
Project Type:	New Facility	**Start Date:**	Q4/1999
Project ID:	C3353	**End Date:**	Q4/2016
Location:	Taylor Creek at Rainier Ave S		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	2
Neighborhood District:	Southeast	**Urban Village:**	Not in an Urban Village

This project provides funding to replace the barrier culvert at Rainier Avenue South for lower Taylor Creek. Design alternatives include rerouting and other habitat improvements. The Taylor Creek culvert at Rainier Avenue South is the number one fish-passage barrier in the city that blocks access to a majority of spawning and rearing habitat in upper Taylor Creek to all species of salmonids.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	800	0	0	0	0	0	0	800
Total:	0	800	0	0	0	0	0	0	800
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	800	0	0	0	0	0	0	800
Total*:	0	800	0	0	0	0	0	0	800
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Drainage and Wastewater Fund		0	0	0	0	0	0	0	0
Total:		0	0	0	0	0	0	0	0

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

Thornton Confluence Improvement

BCL/Program Name:	Flooding, Sewer Back-up, and Landslides	**BCL/Program Code:**	C380B
Project Type:	Improved Facility	**Start Date:**	Q1/2008
Project ID:	C3811	**End Date:**	Q3/2016
Location:	Thornton Creek		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	7,288	861	50	0	0	0	0	0	8,199
Total:	7,288	861	50	0	0	0	0	0	8,199
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	7,288	861	50	0	0	0	0	0	8,199
Total*:	7,288	861	50	0	0	0	0	0	8,199
O & M Costs (Savings)			496	496	496	496	496	496	2,974
Spending Plan by Fund									
Drainage and Wastewater Fund		951	50	0	0	0	0	0	1,001
Total:		951	50	0	0	0	0	0	1,001

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

Venema Creek Natural Drainage System

BCL/Program Name:	Protection of Beneficial Uses	**BCL/Program Code:**	C333B
Project Type:	New Facility	**Start Date:**	Q1/2003
Project ID:	C3333	**End Date:**	Q4/2017
Location:	1st and 2nd Ave NW/NW 120th St/NW 122nd St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	5
Neighborhood District:	Northwest	**Urban Village:**	Not in an Urban Village

This project provides stormwater flow control and water quality treatment using a Natural Drainage System approach within the Venema Creek sub basin of Pipers Creek. Proposed design uses the concept developed for the Pinehurst Natural Drainage System project (parking on only one side of road, large bioretention swale on the other side of road). Alley improvements using permeable pavements are also being considered. The project focus is retrofitting stormwater runoff from the 105-acre residential and commercial land area in an effort to reduce the effect of stormwater flow on the aquatic biota within Venema Creek.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	2,142	0	0	0	0	0	0	2,142
Total:	0	2,142	0	0	0	0	0	0	2,142
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	2,142	0	0	0	0	0	0	2,142
Total*:	0	2,142	0	0	0	0	0	0	2,142
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Drainage and Wastewater Fund		0	0	0	0	0	0	0	0
Total:		0	0	0	0	0	0	0	0

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

Water Quality & Flow Improvements

BCL/Program Name:	Protection of Beneficial Uses	**BCL/Program Code:**	C333B
Project Type:	New Facility	**Start Date:**	Q1/2017
Project ID:	C3393	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program is for future Protection of Beneficial Uses projects that will protect and improve water quality and flow in creeks and other habitats. Types of projects will include natural drainage system (NDS) projects, creek daylighting projects, fish passage improvements, stream/creek habitat improvements, and passive or active stormwater treatment facilities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	1,100	0	0	0	0	0	0	1,100
Total:	0	1,100	0	0	0	0	0	0	1,100
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	1,100	0	0	0	0	0	0	1,100
Total*:	0	1,100	0	0	0	0	0	0	1,100
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Drainage and Wastewater Fund		0	0	0	0	0	0	0	0
Total:		0	0	0	0	0	0	0	0

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

Windermere Combined Sewer Overflow Storage

BCL/Program Name:	Combined Sewer Overflows	**BCL/Program Code:**	C360B
Project Type:	New Facility	**Start Date:**	Q2/2002
Project ID:	C3605	**End Date:**	Q3/2016
Location:	NE 65th St./Sand Point Way NE NE 65th St./Sand Point Way NE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	4
Neighborhood District:	Northeast	**Urban Village:**	Not in an Urban Village

This project provides construction of off-line storage and best management practice combined sewer overflow (CSO) facilities in the Windermere area in the northeast part of Seattle. Facilities will be built to meet water quality standards for Lake Washington in accordance with state and federal regulations. The project also intends to meet requirements of the City's current CSO National Pollutant Discharge Elimination System (NPDES) permit.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	49,244	1,300	162	0	0	0	0	0	50,706
Total:	49,244	1,300	162	0	0	0	0	0	50,706
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	49,244	1,300	162	0	0	0	0	0	50,706
Total*:	49,244	1,300	162	0	0	0	0	0	50,706
O & M Costs (Savings)			1,620	1,620	1,620	1,620	1,620	1,620	9,720
Spending Plan by Fund									
Drainage and Wastewater Fund		886	162	0	0	0	0	0	1,048
Total:		886	162	0	0	0	0	0	1,048

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

Yesler Terrace-DWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Facility	**Start Date:**	Q1/2014
Project ID:	C4136-DWF	**End Date:**	Q4/2014
Location:	Yesler and Broadway		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	Central	**Urban Village:**	Not in an Urban Village

Seattle Housing Authority (SHA) is leading a major project to replace Yesler Terrace's aging public housing buildings with a new mixed-income community. This project provides funding for SPU Drainage and Wastewater infrastructure investments in association with this project.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Drainage and Wastewater Rates	0	2,800	0	0	0	0	0	0	2,800
Total:	0	2,800	0	0	0	0	0	0	2,800
Fund Appropriations/Allocations									
Drainage and Wastewater Fund	0	2,800	0	0	0	0	0	0	2,800
Total*:	0	2,800	0	0	0	0	0	0	2,800
O & M Costs (Savings)			0	0	0	0	0	0	0

** Funds are appropriated through the Adopted Budget at the Budget Control Level. 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 significant infrastructure, which is in the middle of a 10-year upgrade, to fulfill the Solid Waste Master Plan. When the master plan is complete the City will operate:

- Two transfer stations
- Two self-haul recycling and reuse facilities
- Two household hazardous waste facilities
- A fleet of trucks and heavy equipment
- Three closed landfills previously used by the City

The Solid Waste Fund (SWF) CIP is the planning tool for rehabilitating, replacing, improving and expanding infrastructure, as well as constructing projects that protect, conserve, and enhance our region's environmental resources. Planned spending in the SWF CIP is approximately $76 million (excluding Technology) over the next six years, from 2016 through 2021.

Major anticipated projects include:

- Rebuilding of the North Transfer Station (2013-2016)
- Constructing a recycling/re-use facility at the South Transfer Station (2015-2018)
- Completing the South Park Development Project, cleanup of the historic South Park Landfill (2015-2018)

These projects comprise roughly 70 percent of the CIP. Other significant projects include the possible replacement of, or improvements to, the South Household Hazardous Waste facility and the SPU's annual fleet and equipment investment.

CIP Revenue Sources

The majority of the SWF CIP is funded through bonds and to a lesser extent current cash contributions, the mix of which is determined by SWF financial policies, the overall financial health of the SWF, and the best value and equity to ratepayers. SPU issued debt in 2014 and 2015 and plans to issue again in 2016. Cash contributions to construction and repayment of debt come from rate-based charges to customers whose solid waste services are handled by the City's solid waste infrastructure and services.

SPU also actively seeks grants, low-interest loans, and other funding sources whenever possible and prudent. The Solid Waste Utility is currently in the middle of a capital intensive historic landfill rehabilitation process and North Transfer Station (NTS) rehabilitation project. These projects are the primary drivers of CIP spending and have required rate increases for financing.

CIP Highlights

2016-2021 Adopted Solid Waste Fund CIP by BCL
(In '000s; total may not sum due to rounding)

BCL	2016	2017	2018	2019	2020	2021	Total
New Facilities	30,552	15,560	4,807	0	0	0	**50,919**
Rehabilitation and Heavy Equipment	430	30	30	15	15	50	**570**
Shared Cost Projects	1,147	2,084	1,263	1,259	981	1,842	**8,577**
Technology	7,235	2,908	2,037	1,137	1,079	1,395	**15,791**
Total	**39,364**	**20,582**	**8,137**	**2,411**	**2,076**	**3,287**	**75,857**

New Facilities: This program plans, designs, and constructs new facilities to enhance solid waste operations. In 2016, SPU will continue to implement its Solid Waste Facilities Master Plan, which features a two-station configuration. The key project drivers of the New Facilities Budget Control Level (BCL) are the NTS Rebuild and South Park Development projects.

The changes in this BCL are mainly on the NTS Rebuild project and reflect schedule adjustments for project delays associated with contaminated soil, changes in market conditions and schedule recovery. The changes also reflect programmatic reductions in the South Park Development project and South Transfer Station Phase 2 project. The South Park Development project was reduced to reflect the results of the Remedial Investigation/Feasibility Study regarding reductions in the scope of the anticipated site cleanup. The South Transfer Station Phase 2 project was reduced because the project scope changed from a full facility relocation/rebuild to renovating the existing Household Hazardous Waste facility.

Rehabilitation and Heavy Equipment: This program designs and constructs projects to repair and/or upgrade solid waste facilities. The key driver of this BCL is the Kent Highlands Landfill program. Landfill improvements include the modification of existing flares, drainage improvements, groundwater protection and water treatment as required by State Department of Ecology.

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

The adopted budget for this BCL will decrease in 2016. The key driver is the scope schedule change in Operational Facility Construction that will address shortages of adequate space for existing and future operational functions for multiple Lines of Business and SPU staff. The changes in Heavy Equipment Purchases reflect the best estimated needs of the fleet of trucks and heavy equipment for the transfer stations following full implementation of the new organics contracts that reduced SW fleet needs.

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 2016 address SPU's key initiatives, which focus on:

- Improving Internal Controls
- Improving Productivity and Performance
- Improving Customer Service
- Transitioning from Data Rich to Knowledge Rich
- Improving Project Delivery

SPU will focus technology spending on the highest priority business needs. Increased spending in 2016 reflects major business changes in both the Customer Contact and Billing and Project Delivery and Performance programs.

In the Customer Contact and Billing Program, a driver for increased costs is related to changes in the schedule with the New Customer Information System (NCIS). Delays in the project will increase costs in 2016. In the Project Delivery and Performance program, the main driver is SPU's anticipation of its share of the costs for the Summit Re-Implementation project. Other drivers for costs in the program include SPU's participation in the implementation of the City's New Permit System as well as the enhancement and upgrade of SPU's Enterprise Project Management System (EPMS).

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 human health and safety.

- Managing environmental issues and regulations: SPU is required to improve former landfill sites and take action as necessary when conditions change. For example, underground gas levels at these sites are monitored. When high gas levels are detected, SPU implements improvements to extract the excess gas or otherwise mitigate the environmental impacts of the gas increase. Also, the new transfer stations will greatly reduce the environmental impacts of the existing stations on neighboring communities.

- Protecting human health and safety: The old south and north transfer stations were at the end of their useful lives. The new facilities, once completed, will result in greater safety for the public and SPU employees. Well-functioning and efficient transfer stations are part of a solid waste collection system that protects human health.

Project Selection Criteria

SPU identifies candidate capital projects from several sources – planning (e.g., comprehensive plans, program plans), external projects and opportunities, and emergencies or other unexpected events. Under SPU's Asset Management System, projects must be justified through a business case process that establishes that a problem or opportunity is timely and important and that the proposed solution is superior to alternatives based on a triple bottom line analysis (economic, environmental, and social) of life-cycle benefits and costs. The process also recognizes that a project may be a "must do" project (e.g. required by regulations).

SPU prioritizes its capital projects into three categories – Priorities 1, 2 and 3, with 1 being the most important and critical. Some of these projects are part of an externally-driven project. Typically, SPU lacks control over the timing of such projects.

Priority rankings are based on the following set of criteria:

- **Regulatory Mandates, Legal Agreements:** The degree to which the project is driven by Federal, State, and local laws, permit and regulatory requirements, and consent decrees; as well as by legal agreements with public and private parties. Examples of highly ranked projects in this category include the South Park Development project and Kent Highlands and Midway Landfills programs.

- **External Drivers:** SPU's responsiveness to, or engagement with, the projects of other departments or jurisdictions, and the specific mandates of the City Council and Mayor. Examples of projects in this category include the 1% for Arts program.

- **Infrastructure:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the NTS Rebuild project and the South Transfer Station Phase 2 project.

- **Level of Service:** The importance of this project in providing or improving services to customers. Examples of highly ranked projects in this category include the NTS Rebuild project and the South Transfer Station Phase 2 project.

- **Other Factors:** Other important factors include high net present value or cost-effectiveness, social or environmental benefits that were not otherwise recognized, a project already in progress or near completion, limited time opportunity, demonstration projects, community visibility, or outside funding.

Every project is rated against each criterion. Criteria ratings are then considered in determining an overall project priority ranking, using expert judgment (rather than a formula). Priority rankings for the CIP are determined by the leads for each LOB, with reviews by key internal stakeholders. The ranking scheme and criteria are the same for all LOBs, and are approved by the SPU Director and Asset Management Committee. Project priority rankings are used to clarify and document which projects are most important and why, to help determine which projects at the margin will be included, excluded or deferred from the CIP, and which projects should receive priority attention if a staff or financial resource constraint should arise.

Summary of Upcoming Budget Issues and Challenges

Solid Waste faces logistical and financial issues as it reconstructs its primary facilities and addresses site cleanup efforts.

- Logistics: SWF must continue handling solid waste while it reconstructs the North Transfer Station. With the new North Transfer Station coming on line in 2016, SWF is now focused on the redevelopment of the old South Transfer Station. To adequately manage waste, the old South Transfer Station will be kept in operation until the North Transfer Station is complete. This will require continued diversion of waste from the North Transfer Station to the old South Transfer Station. In addition, it will require SWF to maintain the aged old South Transfer Station through 2016.

- Financial Challenges: Reconstruction of the North Transfer Station along with site remediation efforts puts considerable short-term financial strain on the SFW. At the same time that SWF is funding and building these major projects, it is working to address environmental stewardship by encouraging waste reduction and recycling, which results in declining demand for services.

To address the funding needed to reconstruct and remediate the transfer stations, SPU issued bonds in 2014 and 2015 and is planning another issuance in 2016. The cost to repay or service these bonds will be paid through rate-based revenues, which also support SPU operations, maintenance, administration, and contract costs. To assure that SWF has adequate revenues to support debt service and core functions while demand declines, SPU anticipates using a combination of moderate rate increases and operational efficiencies.

Future Projects/What is on the Horizon

In the seven years prior to the initiation of the transfer station rebuild projects, the SWF CIP Budget averaged $4.7 million annually. For those years that include the transfer station rebuild projects, the SWF CIP Budget averages $37 million annually. Once the transfer stations rebuilds are completed, the core SWF CIP is expected to approximate the lower, historical spending levels.

Once the North Transfer Station is rebuilt, annual costs for repairs and upkeep are projected to decrease initially and then increase as equipment replacement/renewal projects are required.

City Council Changes to the Proposed CIP

There are no Council changes to the Proposed CIP.

City Council Provisos to the CIP

There are no Council provisos.

Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
New Facilities					**BCL/Program Code:**				**C230B**
Miscellaneous Station Improvements (C2303)	2,778	600	100	0	0	0	0	0	3,478
North Transfer Station Rebuild (C2306)	47,598	46,538	18,949	0	0	0	0	0	113,084
South Park Development (C2304)	3,692	1,225	4,535	9,084	0	0	0	0	18,537
South Recycling Disposal Station Household Hazardous Waste Relocation (C2305)	0	57	236	476	57	0	0	0	825
South Transfer Station Rebuild (C2302)	77,737	1,500	6,732	6,000	4,750	0	0	0	96,720
New Facilities	131,806	49,920	30,552	15,560	4,807	0	0	0	232,644
Rehabilitation and Heavy Equipment					**BCL/Program Code:**				**C240B**
Kent Highlands Landfill (C2402)	1,111	15	15	15	15	15	15	25	1,226
Midway Landfill (C2403)	110	15	415	15	15	0	0	25	595
Rehabilitation and Heavy Equipment	1,221	30	430	30	30	15	15	50	1,821
Shared Cost Projects					**BCL/Program Code:**				**C410B**
1% for Art's SWF (C4118-SWF)	1,249	511	124	111	2	1	0	7	2,005
Heavy Equipment Purchases - SWF (C4116-SWF)	6,306	1,200	594	583	584	587	599	1,020	11,472
Integrated Control Monitoring Program - SWF (C4108-SWF)	0	400	0	0	0	0	0	0	400
Operational Facility - Construction - SWF (C4106-SWF)	119	245	310	1,270	570	570	303	720	4,106
Operations Control Center - SWF (C4105-SWF)	65	128	9	22	27	22	0	0	274
Security Improvements - SWF (C4113-SWF)	570	70	110	97	80	80	80	95	1,181
Shared Cost Projects	8,308	2,553	1,147	2,084	1,263	1,259	981	1,842	19,438
Technology					**BCL/Program Code:**				**C510B**
Asset Information Management (C5407)	32	364	267	147	194	210	115	300	1,628
Customer Contact & Billing (C5402)	5,566	4,387	4,661	533	505	187	375	150	16,364
Enterprise Information Management (C5403)	1,574	357	113	82	130	319	77	300	2,953
IT Infrastructure (C5404)	565	338	215	274	455	150	395	150	2,541
Project Delivery & Performance (C5405)	1,507	925	1,928	1,501	426	270	116	255	6,928

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

Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Science & System Performance (C5406)	362	750	53	371	327	0	0	240	2,102
Technology	9,606	7,120	7,235	2,908	2,037	1,137	1,079	1,395	32,517
Department Total*:	150,941	59,622	39,364	20,582	8,137	2,411	2,076	3,287	286,421

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

Fund Summary

Fund Name & Code	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Solid Waste Fund (45010)	150,941	59,622	39,364	20,582	8,137	2,411	2,076	3,287	286,421
Department Total*:	150,941	59,622	39,364	20,582	8,137	2,411	2,076	3,287	286,421

**Amounts in thousands of dollars*

1% for Art's SWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2001
Project ID:	C4118-SWF	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program provides the Solid Waste funding for Seattle Public Utilities' 1% for Arts contribution. Eligibility is determined at the individual project level, with payment occurring from this program. Funds contributed to the 1% for Art program allow the commission, purchase, and installation of art in City-owned properties that are accessible to the public. The Municipal Arts Plan, prepared annually, describes the status of ongoing art projects and establishes the scope of work and allocations for new art projects.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Solid Waste Rates	1,249	511	124	111	2	1	0	7	2,005
Total:	1,249	511	124	111	2	1	0	7	2,005
Fund Appropriations/Allocations									
Solid Waste Fund	1,249	511	124	111	2	1	0	7	2,005
Total*:	1,249	511	124	111	2	1	0	7	2,005
O & M Costs (Savings)			2,454	2,454	2,454	2,454	2,454	2,454	14,725
Spending Plan by Fund									
Solid Waste Fund		476	124	111	2	1	0	7	722
Total:		476	124	111	2	1	0	7	722

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

Heavy Equipment Purchases - SWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Investment	**Start Date:**	ONGOING
Project ID:	C4116-SWF	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program provides SPU's Solid Waste Utility crews with new and replacement heavy equipment that is used throughout Seattle and in parts of King County. Typical purchases include loaders, dozers, class 8 trucks, rail container chassis, yard waste and metal trailers, backhoes, and yard "goats" (a type of tractor.) These equipment purchases provide safe and efficient loading, transfer and short haul transportation of garbage, yard waste, metal, and other recyclables to the rail yard for "long haul" to the landfill and to contracted recycling processors. This project is one of four SPU fund-specific heavy equipment CIP projects.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Solid Waste Rates	6,306	1,200	594	583	584	587	599	1,020	11,472
Total:	6,306	1,200	594	583	584	587	599	1,020	11,472
Fund Appropriations/Allocations									
Solid Waste Fund	6,306	1,200	594	583	584	587	599	1,020	11,472
Total*:	6,306	1,200	594	583	584	587	599	1,020	11,472
O & M Costs (Savings)			39,664	39,664	39,664	39,664	39,664	39,664	237,983
Spending Plan by Fund									
Solid Waste Fund		673	594	583	584	587	599	1,020	4,639
Total:		673	594	583	584	587	599	1,020	4,639

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

Integrated Control Monitoring Program - SWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Investment	**Start Date:**	Q1/2013
Project ID:	C4108-SWF	**End Date:**	Q4/2014
Location:	Kent, WA		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

The current telemetry used to monitor the environmental control systems at the Kent Highlands Landfill and the Midway Landfill, both Superfund sites, are nearly obsolete and the equipment is no longer supported. In addition, the current system only transmits alarm conditions and does not have any data acquisition functionality. This program funds a replacement system that will allow remote data acquisition as well as alarm functionality.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Solid Waste Rates	0	400	0	0	0	0	0	0	400
Total:	0	400	0	0	0	0	0	0	400
Fund Appropriations/Allocations									
Solid Waste Fund	0	400	0	0	0	0	0	0	400
Total*:	0	400	0	0	0	0	0	0	400
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Solid Waste Fund		0	0	0	0	0	0	0	0
Total:		0	0	0	0	0	0	0	0

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

Kent Highlands Landfill

BCL/Program Name:	Rehabilitation and Heavy Equipment	**BCL/Program Code:**	C240B
Project Type:	Improved Facility	**Start Date:**	Q1/2005
Project ID:	C2402	**End Date:**	Q4/2015
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This program funds compliance activities related to the Kent Highlands landfill closure project. These activities include environmental and feasibility studies to demonstrate the effectiveness of the Kent Highlands landfill closure project, as well as various landfill improvements. The environmental and feasibility studies are required under the existing Consent Decree with the State Department of Ecology and validate that current environmental controls are effective and reduce the likelihood of additional capital or O&M expenditures. The landfill improvements include replacement of existing flares, drainage improvements, groundwater protection and water treatment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Solid Waste Rates	1,111	15	15	15	15	15	15	25	1,226
Total:	1,111	15	15	15	15	15	15	25	1,226
Fund Appropriations/Allocations									
Solid Waste Fund	1,111	15	15	15	15	15	15	25	1,226
Total*:	1,111	15	15	15	15	15	15	25	1,226
O & M Costs (Savings)			1,000	1,000	1,000	1,000	1,000	1,000	6,000
Spending Plan by Fund									
Solid Waste Fund		15	15	15	15	15	15	25	115
Total:		15	15	15	15	15	15	25	115

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

Midway Landfill

BCL/Program Name:	Rehabilitation and Heavy Equipment	**BCL/Program Code:**	C240B
Project Type:	Improved Facility	**Start Date:**	Q1/2005
Project ID:	C2403	**End Date:**	Q4/2016
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This program funds compliance activities related to the Midway landfill closure project. These activities include environmental and feasibility studies to demonstrate the effectiveness of the Midway landfill closure project as well as retrofits to the existing Midway flare facility. 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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Solid Waste Rates	110	15	415	15	15	0	0	25	595
Total:	110	15	415	15	15	0	0	25	595
Fund Appropriations/Allocations									
Solid Waste Fund	110	15	415	15	15	0	0	25	595
Total*:	110	15	415	15	15	0	0	25	595
O & M Costs (Savings)			4,700	4,700	4,700	4,700	4,700	4,700	28,200

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

Miscellaneous Station Improvements

BCL/Program Name:	New Facilities	**BCL/Program Code:**	C230B
Project Type:	Improved Facility	**Start Date:**	Q4/2003
Project ID:	C2303	**End Date:**	Q2/2015
Location:	8101 2nd Ave S		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Greater Duwamish	**Urban Village:**	Duwamish

This project provides repairs to the existing City solid waste transfer stations. The existing City solid waste transfer stations were constructed in the mid-1960s and are nearing the end of their useful lives. This funding allows short term actions to ensure that these facilities operate reliably and safely, pending construction of the new North and South Transfer Stations. The work includes drainage modifications, emergency equipment rehabilitation, and temporary replacement/refurbishment of aging crew facilities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Solid Waste Rates	2,778	600	100	0	0	0	0	0	3,478
Total:	2,778	600	100	0	0	0	0	0	3,478
Fund Appropriations/Allocations									
Solid Waste Fund	2,778	600	100	0	0	0	0	0	3,478
Total*:	2,778	600	100	0	0	0	0	0	3,478
O & M Costs (Savings)			1,000	1,000	1,000	1,000	1,000	1,000	6,000
Spending Plan by Fund									
Solid Waste Fund		350	100	0	0	0	0	0	450
Total:		350	100	0	0	0	0	0	450

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

North Transfer Station Rebuild

BCL/Program Name:	New Facilities	**BCL/Program Code:**	C230B
Project Type:	New Facility	**Start Date:**	Q4/2006
Project ID:	C2306	**End Date:**	Q4/2018
Location:	1350 N 34th St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	4
Neighborhood District:	Lake Union	**Urban Village:**	Not in an Urban Village

This project provides for the replacement of the existing North Recycling and Disposal Station (NRDS) in Wallingford. The existing station was built in 1967 and is outdated and nearing the end of its useful life. The project includes the demolition of the existing transfer station and warehouse building on the adjacent property to the east. The new transfer station campus includes the tipping floor, recycling facility, educational center, new administrative building and employee facilities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Solid Waste Rates	47,598	46,538	18,949	0	0	0	0	0	113,084
Total:	47,598	46,538	18,949	0	0	0	0	0	113,084
Fund Appropriations/Allocations									
Solid Waste Fund	47,598	46,538	18,949	0	0	0	0	0	113,084
Total*:	47,598	46,538	18,949	0	0	0	0	0	113,084
O & M Costs (Savings)			189,486	189,486	189,486	189,486	189,486	189,486	1,136,920
Spending Plan by Fund									
Solid Waste Fund		46,517	18,949	0	0	0	0	0	65,465
Total:		46,517	18,949	0	0	0	0	0	65,465

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

Operational Facility - Construction - SWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2004
Project ID:	C4106-SWF	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing facilities program renovates, rehabilitates, replaces existing buildings, and constructs new facilities at various locations within the city limits to address deficiencies, failures, and functional changes in the SPU Lines of Business. Typical improvements include, but are not limited to, roof replacements, exterior wall or cladding replacements, and improvements to administrative office space, crew and shop space, lighting, heating and ventilation systems, and facilities structures. These improvements increase the useful life of the facilities, preserve the value of the assets, and provide a safe working environment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Solid Waste Rates	119	245	310	1,270	570	570	303	720	4,106
Total:	119	245	310	1,270	570	570	303	720	4,106
Fund Appropriations/Allocations									
Solid Waste Fund	119	245	310	1,270	570	570	303	720	4,106
Total*:	119	245	310	1,270	570	570	303	720	4,106
O & M Costs (Savings)			37,425	37,425	37,425	37,425	37,425	37,425	224,550
Spending Plan by Fund									
Solid Waste Fund		216	310	1,270	570	570	303	720	3,959
Total:		216	310	1,270	570	570	303	720	3,959

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

Operations Control Center - SWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	ONGOING
Project ID:	C4105-SWF	**End Date:**	ONGOING
Location:	2700 Airport Way S		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	2
Neighborhood District:	Greater Duwamish	**Urban Village:**	Duwamish

This ongoing facilities program renovates, rehabilitates, replaces existing buildings, and constructs new facilities at the Operations Control Center located at 2700 Airport Way South to improve the efficiency and effectiveness of the field crews delivering utility services to customers. Typical improvements include, but are not limited to, roof and other exterior replacements, improvements to public spaces, office and crew spaces and lighting, and heating and ventilation systems. These improvements increase the useful life of the facility, preserve the value of the asset, and provide a safe work and public space environment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Solid Waste Rates	65	128	9	22	27	22	0	0	274
Total:	65	128	9	22	27	22	0	0	274
Fund Appropriations/Allocations									
Solid Waste Fund	65	128	9	22	27	22	0	0	274
Total*:	65	128	9	22	27	22	0	0	274
O & M Costs (Savings)			810	810	810	810	810	810	4,860
Spending Plan by Fund									
Solid Waste Fund		168	9	22	27	22	0	0	249
Total:		168	9	22	27	22	0	0	249

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

Security Improvements - SWF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2007
Project ID:	C4113-SWF	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing program funds physical, integrated security system components at Solid Waste infrastructure sites throughout the City. Components may include, but are not limited to, fences, gates, access control card readers, intercoms, lighting, door and hatch contacts, CCTV cameras, motion detection devices, and fiber and conduit. In addition, this program enhances protection of SPU's critical infrastructure and addresses vulnerabilities identified in U.S. Environmental Protection Agency (EPA) mandated vulnerability assessments.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Solid Waste Rates	570	70	110	97	80	80	80	95	1,181
Total:	570	70	110	97	80	80	80	95	1,181
Fund Appropriations/Allocations									
Solid Waste Fund	570	70	110	97	80	80	80	95	1,181
Total*:	570	70	110	97	80	80	80	95	1,181
O & M Costs (Savings)			5,419	5,419	5,419	5,419	5,419	5,419	32,513
Spending Plan by Fund									
Solid Waste Fund		107	110	97	80	80	80	95	649
Total:		107	110	97	80	80	80	95	649

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South Park Development

BCL/Program Name:	New Facilities	**BCL/Program Code:**	C230B
Project Type:	Improved Facility	**Start Date:**	Q1/2007
Project ID:	C2304	**End Date:**	Q4/2017
Location:	8100 2nd Ave S		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Greater Duwamish	**Urban Village:**	Duwamish

This project complies with a Washington State Department of Ecology Agreed Order to conduct a Remedial Investigation and Feasibility Study of the historic South Park Landfill site and covers investigation and eventual remediation of the landfill site to protect human health and the environment. Final cost allocation among potentially liable parties will occur at a later stage.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Solid Waste Rates	3,692	1,225	4,535	9,084	0	0	0	0	18,537
Total:	3,692	1,225	4,535	9,084	0	0	0	0	18,537
Fund Appropriations/Allocations									
Solid Waste Fund	3,692	1,225	4,535	9,084	0	0	0	0	18,537
Total*:	3,692	1,225	4,535	9,084	0	0	0	0	18,537
O & M Costs (Savings)			136,191	136,191	136,191	136,191	136,191	136,191	817,145
Spending Plan by Fund									
Solid Waste Fund		1,246	4,535	9,084	0	0	0	0	14,865
Total:		1,246	4,535	9,084	0	0	0	0	14,865

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South Recycling Disposal Station Household Hazardous Waste Relocation

BCL/Program Name:	New Facilities	**BCL/Program Code:**	C230B
Project Type:	Improved Facility	**Start Date:**	Q1/2015
Project ID:	C2305	**End Date:**	Q1/2018
Location:	8105 5th Ave S		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Greater Duwamish	**Urban Village:**	Duwamish

This project relocates the South Household Hazardous Waste (SHHW) facility and makes facility improvements required by code and ensures other South Recycling and Disposal Station (SRDS) redevelopment efforts are not constrained. Work on the North Transfer Station and South Transfer Station projects must be completed before this project can start.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Solid Waste Rates	0	57	236	476	57	0	0	0	825
Total:	0	57	236	476	57	0	0	0	825
Fund Appropriations/Allocations									
Solid Waste Fund	0	57	236	476	57	0	0	0	825
Total*:	0	57	236	476	57	0	0	0	825
O & M Costs (Savings)			7,688	7,688	7,688	7,688	7,688	7,688	46,129
Spending Plan by Fund									
Solid Waste Fund		57	236	476	57	0	0	0	825
Total:		57	236	476	57	0	0	0	825

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South Transfer Station Rebuild

BCL/Program Name:	New Facilities	**BCL/Program Code:**	C230B
Project Type:	New Facility	**Start Date:**	Q1/2012
Project ID:	C2302	**End Date:**	Q4/2018
Location:	8100 2nd AVE S		
Neighborhood Plan:	Duwamish	**Council District:**	1
Neighborhood District:	Greater Duwamish	**Urban Village:**	Duwamish

This program provides for the replacement of the existing South Recycling and Disposal Station (SRDS) in South Park. The existing solid waste transfer station was built in 1966 and is outdated and nearing the end of its useful life. The design and construction of replacement facilities is a two phase project. The first phase includes the development of a new transfer station and associated facilities adjacent to the existing facility on a 9.1 acre parcel to the northwest of the existing station. The second phase includes demolition of the existing facilities and development of new recycling and reuse facilities, a household hazardous waste facility, and other utility facilities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Solid Waste Rates	77,737	1,500	6,732	6,000	4,750	0	0	0	96,720
Total:	77,737	1,500	6,732	6,000	4,750	0	0	0	96,720
Fund Appropriations/Allocations									
Solid Waste Fund	77,737	1,500	6,732	6,000	4,750	0	0	0	96,720
Total*:	77,737	1,500	6,732	6,000	4,750	0	0	0	96,720
O & M Costs (Savings)			174,824	174,824	174,824	174,824	174,824	174,824	1,048,940
Spending Plan by Fund									
Solid Waste Fund		1,587	6,732	6,000	4,750	0	0	0	19,070
Total:		1,587	6,732	6,000	4,750	0	0	0	19,070

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Seattle Public Utilities

Water

Overview

Seattle Public Utilities (SPU) delivers an average of approximately 120 million gallons of drinking water per day to more than 1.3 million people and businesses in Seattle and 18 surrounding cities and water districts, plus the Cascade Water Alliance. The water system infrastructure includes:

- The Cedar and South Fork Tolt supply sources
- Three groundwater wells
- Two primary water treatment plants
- 11 booster chlorination facilities
- Approximately 350 million gallons of treated water storage
- 30 pump stations
- Approximately 1,900 miles of transmission and distribution system pipelines
- Over 191,000 meters and service connections
- More than 21,000 distribution system valves
- About 18,000 hydrants
- Monitoring and control systems
- Various buildings and other related facilities

In addition to replacing and improving the supply, treatment, transmission and distribution systems, the Water Fund (WF) CIP 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 WF CIP is $425 million over the next six years.

Major anticipated projects include:

- Transmission pipeline improvements to address issues in a slide area on the Tolt system
- Upgrades to buildings and other facilities at Cedar Falls, Tolt/Duvall Shop, and Lake Youngs
- Seismic retrofits to the correct design flaws at four of the newly buried treated water reservoirs
- Morse Lake Pump Plant upgrades to improve water storage access
- Water system improvements associated with transportation projects

The WF CIP also includes many ongoing programs, such as improving the distribution and transmission system water mains, valves, and pump stations, watershed stewardship and conservation projects and programs, and facilities, vehicles, and heavy equipment investments. By 2019, however, the overall CIP will be reduced, and investments will be substantially focused on rehabilitating and replacing infrastructure for delivery of clean drinking water, with continued watershed stewardship.

CIP Revenue Sources

The WF CIP is funded through a combination of cash and bond proceeds. The primary source of cash and debt repayment funds come from sale of water to retail and wholesale customers in the region. SPU has updated the Water System Plan through 2018, a Washington Department of Health (WDOH) regulatory requirement that is required every six years.

SPU WF CIP is funded largely by Water ratepayers. About 70 percent of the WF operating revenues come from retail ratepayers, split approximately evenly between residential and commercial customers.

Another approximately 23 percent of overall WF revenues come from wholesale purveyors who serve surrounding jurisdictions. The remaining approximately 7 percent consists of non-rate revenue, which includes such elements as tap fees received. SPU issues bonds, serviced by ratepayers, which in the current period covers 49 percent of the CIP, with the remainder funded by cash and loan, i.e.: directly by ratepayer revenue.

SPU actively seeks grants, low-interest loans, and other funding sources whenever possible. As mentioned above, SPU also receives payments from developers. Those payments are intended to offset the cost of installing new taps when they connect newly constructed buildings to SPU water mains. These “tap fees” are a volatile revenue source, trending with the construction-related sectors of the economy.

CIP Highlights

2016-2021 Adopted Water Fund CIP by BCL
(In ‘000s; total may not sum due to rounding)

BCL	2016	2017	2018	2019	2020	2021	Total
Distribution	21,514	24,543	26,117	24,263	24,465	24,215	**145,118**
Transmission	3,788	11,765	21,399	20,702	5,385	2,665	**65,703**
Watershed Stewardship	841	551	250	250	100	105	**2,097**
Water Quality and Treatment	1,846	6,754	225	1,405	3,445	17,210	**30,885**
Water Resources	7,713	6,478	2,902	3,047	3,006	3,459	**26,605**
Habitat Conservation Program	2,116	1,882	1,954	1,600	1,630	1,313	**10,495**
Shared Cost	21,702	26,476	17,431	12,957	9,772	16,565	**104,903**
Technology	13,314	7,751	5,856	4,041	4,152	3,906	**39,020**
Total	**72,835**	**86,200**	**76,133**	**68,266**	**51,955**	**69,438**	**424,828**

Distribution: Projects and programs in this category relate to rehabilitation and improvements to the City's water mains and appurtenances, pump stations, and other facilities that are part of the system that distributes treated water throughout the City of Seattle and portions outside of the City served by SPU to retail customers. Water Service Renewals and New Taps are the bulk of the costs for this BCL. Additionally, there is a renewed focus on seismic reliability and establishment of a seismic program for water system pipelines.

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 water from the treatment facilities to Seattle and to other local utilities that purchase a portion of SPU's supply for their customers. In 2016 and 2017, up to 2.7 miles of 42-inch diameter pipeline between the Ship Canal and Maple Leaf Reservoir ("the 430 Pipeline") will be replaced or structurally rehabilitated. In 2017 and 2018, one-half a mile of new tunnel pipeline around an area of ground instability affecting the Tolt Pipelines will be constructed.

Watershed Stewardship: Projects and programs in this category improve protection of our sources of drinking water, provide habitat protection and restoration, sustain the environment, and enhance environmental quality, both locally and regionally. Most of the projects in this program category are located within the Cedar and Tolt River municipal watersheds. Three of these projects are being carried out to comply with the Federal Endangered Species Act. Projects include remediation of identified soil contamination near the City Light Gatehouse Bridge in the Cedar River Municipal Watershed, and Cedar River Watershed road improvements related to commitments made to the Muckleshoot Indian tribe to retain certain roads.

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 treatment facilities and burying or covering reservoirs that contain already treated water that is distributed directly to Seattle residents and wholesale customers for drinking purposes. For 2016 and 2017, projects will correct seismic design flaws at four of the newly buried reservoirs.

Water Resources: The purpose of this program category is to manage our water resources to meet anticipated demands and in-stream flow requirements – the amount of water provided to the river to support aquatic habitat, wetlands, riparian vegetation, and water quality – and to promote residential and commercial water conservation. The requirements for in-stream flows are detailed in agreements with State and Federal agencies and include provisions for minimum stream flows in the Cedar and South Fork Tolt Rivers. Examples of the types of projects in this category include the Dam Safety Program and the Morse Lake Pump Plant. Morse Lake Pump Plant is anticipated to be substantially complete in 2015.

Habitat Conservation Program: This program category includes projects and programs directly related to implementing the Cedar River Watershed Habitat Conservation Plan. The Habitat Conservation Plan benefits SPU 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 70 percent of the region'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:

(1) Managing in-stream flows for people and fish
(2) Forest and land conservation activities
(3) Mitigating the blockage of salmon and steelhead fish as they return to the Cedar River to spawn

The WF CIP projects in this area are grouped into seven 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

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 this BCL includes funding for a number of interdepartmental projects including the continuation of project initiated under the Bridging the Gap program, Alaskan Way Viaduct and Seawall Replacement (AWVSRP), and Sound Transit Link Light Rail. Funding is also included for SPU's facility improvements, Heavy Equipment Purchases, and a number of smaller projects. For AWVSRP, the Western Avenue water main has experienced significant settlement during a similar time period as dewatering performed by SDOT for their AWV tunnel boring machine access pit, and more settlement is expected as the AWV tunnel boring machine passes under this area. Another significant project within this BCL is the SDOT Center City Connector streetcar project, which will create access restrictions and potential stray current corrosion to approximately 5,300 feet of SPU water mains located under or near the proposed streetcar tracks. This project will relocate the affected water mains away from the streetcar and renew approximately 50 water services crossing under the proposed tracks.

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 2016 address SPU's key initiatives, which focus on:

- Improving Internal Controls
- Improving Productivity and Performance
- Improving Customer Service
- Transitioning from Data Rich to Knowledge Rich
- Improving Project Delivery

SPU will focus technology spending on the highest priority business needs. Increased spending in 2016 reflects major business changes in both the Customer Contact and Billing and Project Delivery and Performance programs.

In the Customer Contact and Billing Program, a driver for increased costs is related to changes in the schedule with the New Customer Information System (NCIS). Delays in the project will increase costs in 2016. In the Project Delivery and Performance program, the main driver is SPU's anticipation of its share of the costs for the Summit Re-Implementation project. Other drivers for costs in the program include SPU's participation in the implementation of the City's New Permit System as well as the enhancement and upgrade of SPU's Enterprise Project Management System (EPMS).

Thematic Priorities

The overarching goal of the WF 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.

- Asset Preservation: 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 renewal vs. decommissioning decisions on steel elevated tank and standpipes.

- Health and Human Safety: SPU's commitment to health and human safety is also addressed through SPU's reservoir covering projects. Consistent with Ordinance 120899 and required by State regulators, SPU has been replacing its open finished drinking water reservoirs with underground structures that improve water quality and system security. Seismic retrofits are planned for four of the buried reservoirs that have design flaws. SPU plans further evaluate the possibility of decommissioning Roosevelt Reservoir and Volunteer Reservoirs. However, permanent actions at these two reservoirs are not expected to occur until upcoming seismic analysis has been completed. Additionally, by 2019, SPU will begin designing and constructing new covers on the Lake Forest Park and Bitter Lake reservoirs to replace the existing floating covers that will have reached the end of their useful life.

- Environmental Sustainability: SPU is committed to environmental sustainability as demonstrated by the 50-year Habitat Conservation Plan (HCP), an agreement between local, State and Federal agencies. The HCP (1) ensures the long-term ecological integrity of the Cedar River Watershed, which supplies the majority of the City's drinking water, and (2) 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 to manage our natural resources, while helping customers reduce their utility bills.

- Race and Social Justice: SPU is also committed to race and social justice. One example of this commitment is the Low-Income Water Conservation Program. This ongoing program provides water use efficiency resources to the City's low-income customers to implement water conservation measures. Typical improvements consist of, but are not limited to, installing water-efficient fixtures, such as aerating showerheads and faucets, low water-use toilets and efficient clothes washers. The program is cooperatively managed by SPU and the Seattle Human Services Department.

Project Selection Criteria

SPU identifies candidate capital projects from several sources – planning (e.g., comprehensive plans, program plans), external projects and opportunities, and emergencies or other unexpected events. Under SPU's Asset Management System, projects must be justified through a business case process that establishes that a problem or opportunity is timely and important and that the proposed solution is superior to alternatives based on a triple bottom line analysis (economic, environmental, and social) of life-cycle benefits and costs. The process also recognizes that a project may be a "must do" project (e.g. required by regulations).

SPU prioritizes its capital projects into three categories – Priorities 1, 2 and 3, with 1 being the most important and critical. Some of these projects are part of an externally-driven project. Typically, SPU lacks control over the timing of such projects.

Priority rankings are based on the following set of criteria:

- **Regulatory Mandates, Legal Agreements:** The degree to which a project is driven by federal, state, and local laws, permit and regulatory requirements, and consent decrees; as well as by legal agreements with public and private parties. Examples of highly ranked projects in this category include the reservoir covering programs and the Habitat Conservation Program.

- **External Drivers:** SPU's responsiveness to, or engagement with, projects of other departments or jurisdictions, and the specific mandates of the City Council and Mayor. Examples of highly ranked projects in this category include the Alaskan Way Viaduct and 23rd Ave water main projects.

- **Infrastructure:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the water main Rehabilitation, Distribution System Improvements and Tank Improvements programs.

- **Level of Service:** The importance of a project in providing or improving services to customers. Examples of highly ranked projects in this category include the Water Infrastructure – New Taps and Service Renewals programs.

- **Other Factors:** Other important factors include high net present value or cost-effectiveness, social or environmental benefits not otherwise captured, a project already in progress or near completion, limited time opportunity, demonstration projects, community visibility, outside funding.

Every project is rated against each criterion. Criteria ratings are then considered in determining an overall project priority ranking, using expert judgment (rather than a formula). Priority rankings for the CIP are determined by the leads for each LOB, with reviews by key internal stakeholders. The ranking scheme and criteria are the same for all LOBs, and are approved by the SPU Director and Asset Management Committee. Project priority rankings are used to clarify and document which projects are most important and why, to help determine which projects at the margin will be included, excluded or deferred from the CIP, and which projects should receive priority attention if a staff or financial resource constraint should arise.

Summary of Upcoming Budget Issues and Challenges

Two important issues create financial challenges and opportunities for the Water Fund in the future.

- Water Conservation: The City of Seattle, Seattle residents, and Seattle's wholesale water partners have worked together to reduce water consumption. As a result, consumption has declined since 1990 and is projected to further decline albeit at a slower rate. In 2010, consumption was 33 percent below 1990 levels 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 WF CIP, need to be distributed across fewer units of water sold. This trend also puts pressure on SPU management and employees to deliver services as efficiently as possible.

- Transitioning from Major Projects toward Asset Management: The WF is transitioning from a period of building large capital projects, mainly in response to regulatory requirements, to a period of physical infrastructure rehabilitation. Past investments include water treatment facilities for the Tolt and Cedar water supplies, burying/covering 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 HCP. These investments helped secure the supply and distribution of high-quality drinking water and provide appropriate stewardship of the watersheds consistent with federal and state requirements.

The adopted WF CIP should:

- Provide for water system modifications associated with various Seattle and regional transportation projects
- Preserve the transmission and distribution systems, as well as 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
- Prioritize projects to deliver on infrastructure and regulatory requirements within the limited resources of the WF
- Recognize the need to look harder at the water system's resiliency in a major earthquake event, and begin to make strategic investments to reduce associated risk

Future Projects / What is on the Horizon

The WF CIP includes completion of the Morse Lake Pump Plant, funds for the Tolt Slide Tunnel Project, and a few special mid-range programs, such as seismic retrofitting of reservoirs, and programs related to transportation projects and improvements to SPU facilities. Additionally, by 2019, SPU will begin designing and constructing new covers on the Lake Forest Park and Bitter Lake reservoirs to replace the existing floating covers that will have reached the end of their useful lives. SPU will also begin significant improvements to buildings and other facilities at Cedar Falls, Tolt/Duvall Shop and Lake Youngs. Finally, SPU will be initiating studies on how best to modernize and streamline its operations within its service area, including location of operations and maintenance personnel and location of materials stockpiles and spoils disposal.

As noted previously, SPU recognizes the need to look harder at the water system's resiliency in a major earthquake event, and begin to make strategic investments to reduce risk. SPU will be developing a plan that will define recovery time to agreed levels of service and develop a prioritized list of recommended investments to improve system resiliency in light of seismic risk. These recommendations may reflect a combination of operational and maintenance improvements, such as stockpiling spare pipe and other materials in potential response to emergencies as well as associated staffing, and system upgrades, such as upgrades to buried pipes in key locations to improve their performance in a significant seismic event. These recommendations may define a significant portion of the WF CIP over the next several budget cycles.

Beyond these projects, emphasis will be on continued application of asset management based rehabilitation and replacement of distribution system infrastructure (e.g. water mains, valves, hydrants, meters, and service lines). Each of these asset classes will require significant planning and analysis work to determine the appropriate level of CIP versus operating and maintenance work needed for each asset and shifting the workforce accordingly. As an example of the complexity of the continued work, the Water Main Rehabilitation program will continue to identify areas in which it makes cost-effective sense to proactively replace or rehabilitate pipelines before they fail catastrophically. Projects identified in this program may overlap with recommendations identified in the seismic analysis as well as potential opportunity projects, such as transportation driven projects.

City Council Changes to the Proposed CIP

There are no Council changes to the Proposed CIP

City Council Provisos to the CIP

There are no Council provisos.

Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Distribution						**BCL/Program Code:**			**C110B**
Chamber Upgrades - Distribution (C1137)	191	27	28	28	29	29	30	30	392
Distribution System Improvements (C1128)	4,415	4,801	3,030	2,047	3,500	4,000	4,000	4,000	29,793
Distribution System In-Line Gate Valves (C1136)	933	325	331	338	345	351	359	366	3,347
Multiple Utility Relocation (C1133)	5,647	1,317	370	564	574	586	597	609	10,265
Pump Station Improvements (C1135)	185	125	700	2,225	125	125	125	125	3,735
Tank Improvements (C1134)	2,431	250	750	500	100	550	850	0	5,431
Water Infrastructure - Distribution System Modifications (C1138)	42	100	0	104	106	108	110	113	684
Water Infrastructure - Hydrant Replacement/Relocation (C1110)	4,466	204	208	212	216	221	225	229	5,982
Water Infrastructure - New Hydrants (C1112)	281	61	25	13	13	13	14	14	433
Water Infrastructure - New Taps (C1113)	55,612	6,000	6,630	6,763	6,898	7,036	7,177	7,320	103,435
Water Infrastructure - Service Renewal (C1109)	108,389	4,986	7,610	7,722	5,837	5,953	6,072	6,193	152,763
Water Infrastructure - Watermain Extensions (C1111)	2,000	812	828	845	862	879	897	915	8,038
Watermain Rehabilitation (C1129)	3,660	6,430	1,004	3,182	7,513	4,411	4,010	4,300	34,511
Distribution	188,252	25,438	21,514	24,543	26,117	24,263	24,465	24,215	358,808
Transmission						**BCL/Program Code:**			**C120B**
Cathodic Protection Program (C1208)	416	1,187	867	380	1,120	390	1,140	900	6,401
Purveyor Meters Replace - SPU (C1206)	731	200	204	208	213	218	223	100	2,097
Replace Air Valve Chambers (C1209)	911	122	125	125	127	130	133	130	1,802
Transmission Pipelines Rehabilitation (C1207)	1,770	1,152	2,568	11,027	19,912	19,934	3,856	1,500	61,720
Water System Dewatering (C1205)	39	50	24	25	27	30	33	35	263
Transmission	3,867	2,712	3,788	11,765	21,399	20,702	5,385	2,665	72,282
Watershed Stewardship						**BCL/Program Code:**			**C130B**
Cedar Bridges (C1307)	498	1	1	1	250	250	100	15	1,116

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Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Environmental Stewardship (C1301)	0	210	390	100	0	0	0	90	790
Kerriston Road (C1314)	0	0	0	0	0	0	0	0	0
Tolt Bridges (C1308)	0	0	450	450	0	0	0	0	900
Tolt Watershed Restoration (C1310)	292	5	0	0	0	0	0	0	297
Transmission Right-of-Way Improvements (C1316)	163	85	0	0	0	0	0	0	248
Watershed Stewardship	953	301	841	551	250	250	100	105	3,352
Water Quality & Treatment					**BCL/Program Code:**				**C140B**
Landsburg Chlorination Upgrades (C1417)	0	0	0	0	0	0	0	0	0
Reservior Covering-Bitter Lake (C1419)	0	0	0	0	0	590	1,790	7,310	9,690
Reservoir Covering - Beacon (C1408)	1,122	649	135	6,470	0	0	0	0	8,376
Reservoir Covering - Maple Leaf (C1411)	39,984	7,036	1,306	0	0	0	0	0	48,326
Reservoir Covering - Myrtle (C1410)	435	1,256	55	0	0	0	0	0	1,746
Reservoir Covering - West Seattle (C1409)	40,381	2,967	50	0	0	0	0	0	43,398
Reservoir Covering-Lake Forest Park (C1418)	0	0	0	0	0	590	1,200	9,750	11,540
Treatment Facility/Water Quality Improvements (C1413)	342	205	225	209	225	225	455	150	2,036
Water Quality Equipment (C1414)	249	101	75	75	0	0	0	0	500
Water Quality & Treatment	82,512	12,214	1,846	6,754	225	1,405	3,445	17,210	125,612
Water Resources					**BCL/Program Code:**				**C150B**
Dam Safety Program (C1506)	5,778	1,025	1,250	875	475	650	650	750	11,453
Hatchery Works (C1511)	0	0	300	3,400	175	98	0	0	3,973
Morse Lake Pump Plant (C1508)	19,511	17,258	4,010	0	0	0	0	0	40,779
Regional Water Conservation Program (C1504)	20,829	1,839	1,472	1,506	1,539	1,570	1,610	1,846	32,212
Seattle Direct Service Additional Conservation (C1505)	2,692	566	681	697	713	729	746	863	7,687
Water Supply Flexibility Program (C1507)	277	1,480	0	0	0	0	0	0	1,757

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

Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Water System Plan - 2019 (C1510)	0	0	0	0	0	0	0	0	0
Water Resources	49,087	22,169	7,713	6,478	2,902	3,047	3,006	3,459	97,861
Habitat Conservation Program						**BCL/Program Code:**			**C160B**
Ballard Locks Improvements (C1606)	359	200	136	140	145	150	155	160	1,445
Cedar Sockeye Hatchery (C1605)	10,058	70	0	0	0	0	0	0	10,128
Downstream Fish Habitat (C1607)	8,592	734	605	342	383	0	0	0	10,656
Instream Flow Management Studies (C1608)	1,984	208	137	142	147	152	157	0	2,928
Stream & Riparian Restoration (C1602)	3,718	204	164	165	167	168	168	193	4,947
Upland Reserve Forest Restoration (C1603)	6,783	98	93	95	97	98	100	103	7,467
Watershed Road Improvement/Decommissioning (C1601)	3,798	1,090	981	998	1,015	1,032	1,049	857	10,820
Habitat Conservation Program	35,291	2,604	2,116	1,882	1,954	1,600	1,630	1,313	48,389
Shared Cost Projects						**BCL/Program Code:**			**C410B**
1% for Art's WF (C4118-WF)	1,385	349	93	77	81	117	122	128	2,352
Alaskan Way Viaduct & Seawall Replacement Program - WF (C4102-WF)	10,838	6,392	4,904	1,511	861	258	0	0	24,764
Bridging the Gap - WF (C4119-WF)	1,549	6,751	7,988	1,395	505	1,500	1,500	2,000	23,189
Emergency Storms - WF (C4120-WF)	321	100	100	100	100	100	100	0	921
First Hill Streetcar - WF (C4130-WF)	414	1,150	655	9,001	3,322	0	0	0	14,542
Heavy Equipment Purchases - WF (C4116-WF)	8,042	4,140	2,251	2,014	2,040	2,043	2,017	2,500	25,047
Integrated Control Monitoring Program - WF (C4108-WF)	1,132	762	200	400	480	480	480	0	3,934
Mercer Corridor Project East Phase - WF (C4114-WF)	3,428	0	0	0	0	0	0	0	3,428
Mercer Corridor Project West Phase - WF (C4133-WF)	1,093	343	30	0	0	0	0	0	1,466
Meter Replacement - WF (C4101-WF)	5,821	623	546	598	600	605	609	521	9,924

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Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Operational Facility - Construction - WF (C4106-WF)	2,065	1,297	1,753	2,751	3,036	5,336	2,458	6,006	24,702
Operational Facility - Other - WF (C4115-WF)	657	400	50	0	0	0	0	0	1,107
Operations Control Center - WF (C4105-WF)	457	2,028	63	157	189	157	0	1,260	4,312
Other Major Transportation Projects - WF (C4123-WF)	194	255	50	550	800	1,000	1,000	0	3,850
Regional Facility - WF (C4107 -WF)	15,008	6,249	1,570	6,738	4,605	525	675	3,000	38,370
Security Improvements - WF (C4113-WF)	5,005	1,078	783	934	686	736	786	1,150	11,157
Sound Transit - North Link - WF (C4135-WF)	619	516	485	100	75	75	25	0	1,896
Sound Transit - Water Betterment (C4125)	1,502	50	0	0	0	0	0	0	1,552
Sound Transit's University Link - WF (C4110-WF)	353	96	10	0	0	0	0	0	459
Sound Transit-East Link (C4122-WF)	10	53	170	150	50	25	0	0	458
Yesler Terrace-WF (C4136-WF)	18	200	0	0	0	0	0	0	218
Shared Cost Projects	59,912	32,834	21,702	26,476	17,431	12,957	9,772	16,565	197,649
Technology						**BCL/Program Code:**			**C510B**
Asset Information Management (C5407)	93	1,048	1,254	411	548	866	862	840	5,923
Customer Contact & Billing (C5402)	6,617	5,124	5,108	1,563	1,482	550	1,100	420	21,964
Enterprise Information Management (C5403)	5,110	1,043	510	242	377	923	223	840	9,269
IT Infrastructure (C5404)	2,366	990	612	788	1,297	430	1,132	420	8,034
Project Delivery & Performance (C5405)	4,500	2,698	5,558	4,351	1,229	772	335	714	20,157
Science & System Performance (C5406)	672	880	272	397	921	500	500	672	4,814
Technology	19,357	11,784	13,314	7,751	5,856	4,041	4,152	3,906	70,162
Department Total*:	439,233	110,054	72,835	86,200	76,133	68,266	51,955	69,438	974,114

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

Fund Summary

Fund Name & Code	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Water Fund (43000)	439,233	110,054	72,835	86,200	76,133	68,266	51,955	69,438	974,114
Department Total*:	439,233	110,054	72,835	86,200	76,133	68,266	51,955	69,438	974,114

**Amounts in thousands of dollars*

1% for Art's WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2001
Project ID:	C4118-WF	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program provides the Water funding for Seattle Public Utilities' 1% for Arts contribution. Eligibility is determined at the individual project level, with payment occurring from this program. Funds contributed to the 1% for Art program allow the commission, purchase, and installation of art in City-owned properties that are accessible to the public. The Municipal Arts Plan, prepared annually, describes the status of ongoing art projects and establishes the scope of work and allocations for new art projects.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	1,385	349	93	77	81	117	122	128	2,352
Total:	1,385	349	93	77	81	117	122	128	2,352
Fund Appropriations/Allocations									
Water Fund	1,385	349	93	77	81	117	122	128	2,352
Total*:	1,385	349	93	77	81	117	122	128	2,352
O & M Costs (Savings)			6,185	6,185	6,185	6,185	6,185	6,185	37,108
Spending Plan by Fund									
Water Fund		171	93	77	81	117	122	128	789
Total:		171	93	77	81	117	122	128	789

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

Alaskan Way Viaduct & Seawall Replacement Program - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Facility	**Start Date:**	Q1/2004
Project ID:	C4102-WF	**End Date:**	Q4/2021
Location:	SR 99 / Battery St		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program 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 Program" (AWVSR Program.) The Washington State Department of Transportation (WSDOT) is the lead for the SR-99 replacement, while the City of Seattle is the lead on development of the waterfront public space, implementation of the new surface Alaskan Way, and design and construction of the seawall.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	10,838	6,392	4,904	1,511	861	258	0	0	24,764
Total:	10,838	6,392	4,904	1,511	861	258	0	0	24,764
Fund Appropriations/Allocations									
Water Fund	10,838	6,392	4,904	1,511	861	258	0	0	24,764
Total*:	10,838	6,392	4,904	1,511	861	258	0	0	24,764
O & M Costs (Savings)			75,344	75,344	75,344	75,344	75,344	75,344	452,061
Spending Plan by Fund									
Water Fund		8,743	4,904	1,511	861	258	0	0	16,278
Total:		8,743	4,904	1,511	861	258	0	0	16,278

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

Ballard Locks Improvements

BCL/Program Name:	Habitat Conservation Program	**BCL/Program Code:**	C160B
Project Type:	Improved Facility	**Start Date:**	Q1/2000
Project ID:	C1606	**End Date:**	Q4/2020
Location:	NW 54th St /30th Ave NW		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	6
Neighborhood District:	Ballard	**Urban Village:**	Ballard Interbay

This program 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 program is a requirement of the Cedar River Habitat Conservation Plan (HCP.)

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	359	200	136	140	145	150	155	160	1,445
Total:	359	200	136	140	145	150	155	160	1,445
Fund Appropriations/Allocations									
Water Fund	359	200	136	140	145	150	155	160	1,445
Total*:	359	200	136	140	145	150	155	160	1,445
O & M Costs (Savings)			8,860	8,860	8,860	8,860	8,860	8,860	53,160
Spending Plan by Fund									
Water Fund		131	136	140	145	150	155	160	1,017
Total:		131	136	140	145	150	155	160	1,017

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

Bridging the Gap - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2008
Project ID:	C4119-WF	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This multi-year, multi-project program funds assessments, repairs, and improvements to SPU's drinking water utility infrastructure at sites chosen by the Seattle Department of Transportation (SDOT) for bridge improvements and pedestrian and bicycle safety improvements within its "Bridging the Gap" program. SPU assesses the condition of its utility infrastructure at SDOT's project sites and conducts repairs and improvements as needed.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	1,549	6,751	7,988	1,395	505	1,500	1,500	2,000	23,189
Total:	1,549	6,751	7,988	1,395	505	1,500	1,500	2,000	23,189
Fund Appropriations/Allocations									
Water Fund	1,549	6,751	7,988	1,395	505	1,500	1,500	2,000	23,189
Total*:	1,549	6,751	7,988	1,395	505	1,500	1,500	2,000	23,189
O & M Costs (Savings)			148,883	148,883	148,883	148,883	148,883	148,883	893,299
Spending Plan by Fund									
Water Fund		4,849	7,988	1,395	505	1,500	1,500	2,000	19,738
Total:		4,849	7,988	1,395	505	1,500	1,500	2,000	19,738

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Cathodic Protection Program

BCL/Program Name:	Transmission	**BCL/Program Code:**	C120B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2004
Project ID:	C1208	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	416	1,187	867	380	1,120	390	1,140	900	6,401
Total:	416	1,187	867	380	1,120	390	1,140	900	6,401
Fund Appropriations/Allocations									
Water Fund	416	1,187	867	380	1,120	390	1,140	900	6,401
Total*:	416	1,187	867	380	1,120	390	1,140	900	6,401
O & M Costs (Savings)			47,973	47,973	47,973	47,973	47,973	47,973	287,835
Spending Plan by Fund									
Water Fund		1,106	867	380	1,120	390	1,140	900	5,903
Total:		1,106	867	380	1,120	390	1,140	900	5,903

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Cedar Bridges

BCL/Program Name:	Watershed Stewardship	**BCL/Program Code:**	C130B
Project Type:	Improved Facility	**Start Date:**	Q1/2007
Project ID:	C1307	**End Date:**	ONGOING
Location:	Cedar River Watershed		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This program replaces aging bridges and related structures, such as abutments, asphalt approaches, and guardrails in the Cedar River Watershed. Projects within this program improve 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 also maintains compliance with state laws, safety and environmental regulations, and tribal access agreements including Washington Department of Natural Resources (WDNR) forest practice regulations, Washington Department of Health (DOH) Watershed Protection Plan regulations, and Cedar River Habitat Conservation Plan (HCP) restoration commitments.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	498	1	1	1	250	250	100	15	1,116
Total:	498	1	1	1	250	250	100	15	1,116
Fund Appropriations/Allocations									
Water Fund	498	1	1	1	250	250	100	15	1,116
Total*:	498	1	1	1	250	250	100	15	1,116
O & M Costs (Savings)			6,170	6,170	6,170	6,170	6,170	6,170	37,020
Spending Plan by Fund									
Water Fund		2	1	1	250	250	100	15	619
Total:		2	1	1	250	250	100	15	619

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

Cedar Sockeye Hatchery

BCL/Program Name:	Habitat Conservation Program	**BCL/Program Code:**	C160B
Project Type:	New Facility	**Start Date:**	Q1/2000
Project ID:	C1605	**End Date:**	Q2/2016
Location:	Cedar River Watershed		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This program provides a sockeye salmon hatchery to replace the interim hatchery on the Cedar River at Landsburg Dam, and includes a broodstock collection facility in Renton near the I-405 overpass, and a state-of-the-art hatchery facility located near the Landsburg Dam. These facilities are a requirement of the Cedar River Habitat Conservation Plan (HCP).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	10,058	70	0	0	0	0	0	0	10,128
Total:	10,058	70	0	0	0	0	0	0	10,128
Fund Appropriations/Allocations									
Water Fund	10,058	70	0	0	0	0	0	0	10,128
Total*:	10,058	70	0	0	0	0	0	0	10,128
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Water Fund		55	0	0	0	0	0	0	55
Total:		55	0	0	0	0	0	0	55

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Chamber Upgrades - Distribution

BCL/Program Name:	Distribution	**BCL/Program Code:**	C110B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2003
Project ID:	C1137	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	In more than one Urban Village

This ongoing project improves access to the chambers throughout the water distribution system. The replacement and/or enlargement of the entrance to distribution chambers improves the health and safety of workers who need to access chambers and meets Occupational, Safety, and Health Administration (OSHA) and Washington Safety and Health Administration (WSHA) safety and health requirements.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	191	27	28	28	29	29	30	30	392
Total:	191	27	28	28	29	29	30	30	392
Fund Appropriations/Allocations									
Water Fund	191	27	28	28	29	29	30	30	392
Total*:	191	27	28	28	29	29	30	30	392
O & M Costs (Savings)			1,741	1,741	1,741	1,741	1,741	1,741	10,447

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

Dam Safety Program

BCL/Program Name:	Water Resources	**BCL/Program Code:**	C150B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2008
Project ID:	C1506	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	5,778	1,025	1,250	875	475	650	650	750	11,453
Total:	5,778	1,025	1,250	875	475	650	650	750	11,453
Fund Appropriations/Allocations									
Water Fund	5,778	1,025	1,250	875	475	650	650	750	11,453
Total*:	5,778	1,025	1,250	875	475	650	650	750	11,453
O & M Costs (Savings)			46,500	46,500	46,500	46,500	46,500	46,500	279,000
Spending Plan by Fund									
Water Fund		660	1,250	875	475	650	650	750	5,310
Total:		660	1,250	875	475	650	650	750	5,310

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

Distribution System Improvements

BCL/Program Name:	Distribution	**BCL/Program Code:**	C110B
Project Type:	Improved Facility	**Start Date:**	Q1/2003
Project ID:	C1128	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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 watermain pipelines and pressure reducing valves. These improvements to service levels meet Washington Department of Health (DOH) regulations and SPU's Distribution System Pressure Policy to provide greater than 20 psi service pressure. These improvements provide higher flow of water for fire protection which improves public safety and results in smaller and shorter fires.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	4,415	4,801	3,030	2,047	3,500	4,000	4,000	4,000	29,793
Total:	4,415	4,801	3,030	2,047	3,500	4,000	4,000	4,000	29,793
Fund Appropriations/Allocations									
Water Fund	4,415	4,801	3,030	2,047	3,500	4,000	4,000	4,000	29,793
Total*:	4,415	4,801	3,030	2,047	3,500	4,000	4,000	4,000	29,793
O & M Costs (Savings)			205,773	205,773	205,773	205,773	205,773	205,773	1,234,640
Spending Plan by Fund									
Water Fund		3,297	3,030	2,047	3,500	4,000	4,000	4,000	23,874
Total:		3,297	3,030	2,047	3,500	4,000	4,000	4,000	23,874

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

Distribution System In-Line Gate Valves

BCL/Program Name:	Distribution	**BCL/Program Code:**	C110B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/1999
Project ID:	C1136	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project replaces line valves in the water distribution system throughout the City of Seattle that fail or are obsolete due to age or lack of replacement parts. The replacement of these gate valves extends the useful life of the watermain and restores the performance of the water distribution system. This ongoing project also adds valves within the system to enhance system performance, enhance operational control, and reduce the number of customers whose service is interrupted during a watermain shut down.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	933	325	331	338	345	351	359	366	3,347
Total:	933	325	331	338	345	351	359	366	3,347
Fund Appropriations/Allocations									
Water Fund	933	325	331	338	345	351	359	366	3,347
Total*:	933	325	331	338	345	351	359	366	3,347
O & M Costs (Savings)			20,894	20,894	20,894	20,894	20,894	20,894	125,364

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

Downstream Fish Habitat

BCL/Program Name:	Habitat Conservation Program	**BCL/Program Code:**	C160B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2001
Project ID:	C1607	**End Date:**	Q4/2017
Location:	Cedar River Watershed		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program 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 mainstem of the Cedar River. Although this is an ongoing program, no work is currently planned for 2018. This program is a requirement of the Cedar River Habitat Conservation Plan (HCP.)

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	8,592	734	605	342	383	0	0	0	10,656
Total:	8,592	734	605	342	383	0	0	0	10,656
Fund Appropriations/Allocations									
Water Fund	8,592	734	605	342	383	0	0	0	10,656
Total*:	8,592	734	605	342	383	0	0	0	10,656
O & M Costs (Savings)			13,300	13,300	13,300	13,300	13,300	13,300	79,801
Spending Plan by Fund									
Water Fund		470	605	342	383	0	0	0	1,800
Total:		470	605	342	383	0	0	0	1,800

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

Emergency Storms - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q3/2007
Project ID:	C4120-WF	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program funds water infrastructure capital improvement projects resulting from previous and possible future storm events. Projects within this program are potentially Federal Emergency Management Agency (FEMA) reimbursable and need to be separated for tracking and reimbursement purposes. Typical improvements include, but are not limited to, repairing and improving roads, bridges, and other stream crossing structures in the City's Municipal Watersheds, as well as replacing damaged equipment, such as pumps and security gates, and stabilizing debris slide areas and stream banks.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	321	100	100	100	100	100	100	0	921
Total:	321	100	100	100	100	100	100	0	921
Fund Appropriations/Allocations									
Water Fund	321	100	100	100	100	100	100	0	921
Total*:	321	100	100	100	100	100	100	0	921
O & M Costs (Savings)			5,000	5,000	5,000	5,000	5,000	5,000	30,000
Spending Plan by Fund									
Water Fund		114	100	100	100	100	100	0	614
Total:		114	100	100	100	100	100	0	614

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

Environmental Stewardship

BCL/Program Name:	Watershed Stewardship	**BCL/Program Code:**	C130B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2014
Project ID:	C1301	**End Date:**	Q4/2017
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This 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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	0	210	390	100	0	0	0	90	790
Total:	0	210	390	100	0	0	0	90	790
Fund Appropriations/Allocations									
Water Fund	0	210	390	100	0	0	0	90	790
Total*:	0	210	390	100	0	0	0	90	790
O & M Costs (Savings)			5,801	5,801	5,801	5,801	5,801	5,801	34,806

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

First Hill Streetcar - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2010
Project ID:	C4130-WF	**End Date:**	Q4/2018
Location:	First Hill		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project plans and relocates water facilities that will be impacted by the SDOT-led First Hill Streetcar project, 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 planning phase.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	414	1,150	655	9,001	3,322	0	0	0	14,542
Total:	414	1,150	655	9,001	3,322	0	0	0	14,542
Fund Appropriations/Allocations									
Water Fund	414	1,150	655	9,001	3,322	0	0	0	14,542
Total*:	414	1,150	655	9,001	3,322	0	0	0	14,542
O & M Costs (Savings)			129,780	129,780	129,780	129,780	129,780	129,780	778,680
Spending Plan by Fund									
Water Fund		764	655	9,001	3,322	0	0	0	13,742
Total:		764	655	9,001	3,322	0	0	0	13,742

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

Hatchery Works

BCL/Program Name:	Water Resources	**BCL/Program Code:**	C150B
Project Type:	Improved Facility	**Start Date:**	Q1/2016
Project ID:	C1511	**End Date:**	Q4/2021
Location:	Cedar River Watershed		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This 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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	0	0	300	3,400	175	98	0	0	3,973
Total:	0	0	300	3,400	175	98	0	0	3,973
Fund Appropriations/Allocations									
Water Fund	0	0	300	3,400	175	98	0	0	3,973
Total*:	0	0	300	3,400	175	98	0	0	3,973
O & M Costs (Savings)			39,730	39,730	39,730	39,730	39,730	39,730	238,380

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

Heavy Equipment Purchases - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Investment	**Start Date:**	ONGOING
Project ID:	C4116-WF	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program provides SPU's Water Utility crews with new and replacement heavy equipment that is used throughout Seattle and King County. Typical purchases include backhoes, graders, loaders, dozers, service trucks, and dump trucks. This equipment transports work crews and tools to jobsites and supports the safe and efficient replacement, repair, and maintenance of infrastructure that delivers high quality drinking water to 1.5 million customers in King County. This project is one of four SPU fund-specific heavy equipment CIP projects.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	8,042	4,140	2,251	2,014	2,040	2,043	2,017	2,500	25,047
Total:	8,042	4,140	2,251	2,014	2,040	2,043	2,017	2,500	25,047
Fund Appropriations/Allocations									
Water Fund	8,042	4,140	2,251	2,014	2,040	2,043	2,017	2,500	25,047
Total*:	8,042	4,140	2,251	2,014	2,040	2,043	2,017	2,500	25,047
O & M Costs (Savings)			128,654	128,654	128,654	128,654	128,654	128,654	771,922
Spending Plan by Fund									
Water Fund		3,415	2,251	2,014	2,040	2,043	2,017	2,500	16,280
Total:		3,415	2,251	2,014	2,040	2,043	2,017	2,500	16,280

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

Instream Flow Management Studies

BCL/Program Name:	Habitat Conservation Program	**BCL/Program Code:**	C160B
Project Type:	Improved Facility	**Start Date:**	Q4/2003
Project ID:	C1608	**End Date:**	ONGOING
Location:	Cedar River Watershed		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This program provides research and monitoring to examine the effects of instream flows on salmon species in the Cedar River This 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 program is a requirement of the Cedar River Habitat Conservation Plan (HCP.)

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	1,984	208	137	142	147	152	157	0	2,928
Total:	1,984	208	137	142	147	152	157	0	2,928
Fund Appropriations/Allocations									
Water Fund	1,984	208	137	142	147	152	157	0	2,928
Total*:	1,984	208	137	142	147	152	157	0	2,928
O & M Costs (Savings)			7,350	7,350	7,350	7,350	7,350	7,350	44,100
Spending Plan by Fund									
Water Fund		76	137	142	147	152	157	0	811
Total:		76	137	142	147	152	157	0	811

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

Integrated Control Monitoring Program - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Investment	**Start Date:**	Q1/2002
Project ID:	C4108-WF	**End Date:**	Q4/2020
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program funds improvements to the centralized monitoring and control of the drinking water portion of the overall Supervisory Control and Data Acquisition (SCADA) system infrastructure throughout King County. Infrastructure affected may include, but is not limited to, flow and pressure sensors, remote control pumps, and valves. This program enhances the delivery and quality of drinking water and the delivery of water to fire hydrants, also known as "fire flow."

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	1,132	762	200	400	480	480	480	0	3,934
Total:	1,132	762	200	400	480	480	480	0	3,934
Fund Appropriations/Allocations									
Water Fund	1,132	762	200	400	480	480	480	0	3,934
Total*:	1,132	762	200	400	480	480	480	0	3,934
O & M Costs (Savings)			20,400	20,400	20,400	20,400	20,400	20,400	122,400
Spending Plan by Fund									
Water Fund		310	200	400	480	480	480	0	2,350
Total:		310	200	400	480	480	480	0	2,350

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

Kerriston Road

BCL/Program Name:	Watershed Stewardship	**BCL/Program Code:**	C130B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2009
Project ID:	C1314	**End Date:**	Q4/2013
Location:	Cedar River Watershed		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project acquires properties adjacent to the lower Cedar River Municipal Watershed that are accessed via Kerriston Road which runs through the lower municipal watershed. Acquisition of these lands minimizes the risk to water quality from access through the watershed by the public. No funding has been requested for the 2013-2018 time frame but once specific acquisitions are identified, appropriate budget authority will be sought.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	0	0	0	0	0	0	0	0	0
Total:	0	0	0	0	0	0	0	0	0
Fund Appropriations/Allocations									
Water Fund	0	0	0	0	0	0	0	0	0
Total*:	0	0	0	0	0	0	0	0	0
O & M Costs (Savings)			0	0	0	0	0	0	0

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Landsburg Chlorination Upgrades

BCL/Program Name:	Water Quality & Treatment	**BCL/Program Code:**	C140B
Project Type:	Improved Facility	**Start Date:**	Q1/2011
Project ID:	C1417	**End Date:**	Q4/2016
Location:	Cedar River Watershed		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project constructs new sodium hypochlorite (liquid) chlorination facilities at the Landsburg Cedar River Diversion Facilities. The project will enhance safety and site security through replacement of the aging gas chlorine facilities at the site.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	0	0	0	0	0	0	0	0	0
Total:	0	0	0	0	0	0	0	0	0
Fund Appropriations/Allocations									
Water Fund	0	0	0	0	0	0	0	0	0
Total*:	0	0	0	0	0	0	0	0	0
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Mercer Corridor Project East Phase - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2007
Project ID:	C4114-WF	**End Date:**	Q4/2014
Location:	South Lake Union		
Neighborhood Plan:	South Lake Union	**Council District:**	More than one
Neighborhood District:	Lake Union	**Urban Village:**	South Lake Union

This program funds the repair, relocation, protection, and upgrade of water infrastructure related to the redevelopment of the South Lake Union neighborhood. This effort identifies SPU water system direct impacts, opportunities for system improvements, and cost responsibility. This program also funds planning-level coordination with other City departments on projects within the South Lake Union area.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	3,428	0	0	0	0	0	0	0	3,428
Total:	3,428	0	0	0	0	0	0	0	3,428
Fund Appropriations/Allocations									
Water Fund	3,428	0	0	0	0	0	0	0	3,428
Total*:	3,428	0	0	0	0	0	0	0	3,428
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Water Fund		30	0	0	0	0	0	0	30
Total:		30	0	0	0	0	0	0	30

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

Mercer Corridor Project West Phase - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2010
Project ID:	C4133-WF	**End Date:**	Q4/2016
Location:	Mercer ST Mercer ST/Elliot AVE W/Dexter AVE N		
Neighborhood Plan:	In more than one Plan	**Council District:**	7
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project provides water utility improvements and relocations related to the Mercer Corridor Project, West phase. Work in this project will convert Mercer Street to a two-way street between Dexter Ave and Elliott Ave West. The Mercer underpass a 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 Aurora and Queen Anne Ave., will also be converted to a two-way street with on-road bicycl lanes.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	1,093	343	30	0	0	0	0	0	1,466
Total:	1,093	343	30	0	0	0	0	0	1,466
Fund Appropriations/Allocations									
Water Fund	1,093	343	30	0	0	0	0	0	1,466
Total*:	1,093	343	30	0	0	0	0	0	1,466
O & M Costs (Savings)			300	300	300	300	300	300	1,800
Spending Plan by Fund									
Water Fund		374	30	0	0	0	0	0	404
Total:		374	30	0	0	0	0	0	404

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

Meter Replacement - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2004
Project ID:	C4101-WF	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program funds replacement of existing water meters when they fail or become obsolete. Meters measuring up to two inches are replaced when they stop running. Meters measuring three inches or more are repaired when possible, but are replaced when repair costs exceed replacement costs. Accurate water meters ensure that customers are billed fairly for the water they use. Since water meters also are used to bill customers for their wastewater discharges, 48 percent of the funding is allocated to the Drainage and Wastewater line of business.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	5,821	623	546	598	600	605	609	521	9,924
Total:	5,821	623	546	598	600	605	609	521	9,924
Fund Appropriations/Allocations									
Water Fund	5,821	623	546	598	600	605	609	521	9,924
Total*:	5,821	623	546	598	600	605	609	521	9,924
O & M Costs (Savings)			34,795	34,795	34,795	34,795	34,795	34,795	208,770
Spending Plan by Fund									
Water Fund		444	546	598	600	605	609	521	3,924
Total:		444	546	598	600	605	609	521	3,924

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

Morse Lake Pump Plant

BCL/Program Name:	Water Resources	**BCL/Program Code:**	C150B
Project Type:	Improved Facility	**Start Date:**	Q1/2003
Project ID:	C1508	**End Date:**	Q4/2017
Location:	Cedar River Watershed		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project includes funding to replace the existing barge-mounted pump plants at Chester Morse Lake. The pump plants at Chester Morse Lake are nearing the end of their useful lives. These pumps are designed for drought situations to access so-called "dead storage" at the lake, which is at or below the level that drains by gravity. The improvements enhance the ability to provide reliable water supply and in-stream flows in the Cedar River during drought conditions and to address requirements of the Habitat Conservation Plan. Most pre-2012 costs are deferred costs that will be amortized over ten years.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	19,511	17,258	4,010	0	0	0	0	0	40,779
Total:	19,511	17,258	4,010	0	0	0	0	0	40,779
Fund Appropriations/Allocations									
Water Fund	19,511	17,258	4,010	0	0	0	0	0	40,779
Total*:	19,511	17,258	4,010	0	0	0	0	0	40,779
O & M Costs (Savings)			40,096	40,096	40,096	40,096	40,096	40,096	240,574
Spending Plan by Fund									
Water Fund		17,257	4,010	0	0	0	0	0	21,267
Total:		17,257	4,010	0	0	0	0	0	21,267

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

Multiple Utility Relocation

BCL/Program Name:	Distribution	**BCL/Program Code:**	C110B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	C1133	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	5,647	1,317	370	564	574	586	597	609	10,265
Total:	5,647	1,317	370	564	574	586	597	609	10,265
Fund Appropriations/Allocations									
Water Fund	5,647	1,317	370	564	574	586	597	609	10,265
Total*:	5,647	1,317	370	564	574	586	597	609	10,265
O & M Costs (Savings)			33,008	33,008	33,008	33,008	33,008	33,008	198,050
Spending Plan by Fund									
Water Fund		417	370	564	574	586	597	609	3,718
Total:		417	370	564	574	586	597	609	3,718

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

Operational Facility - Construction - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2004
Project ID:	C4106-WF	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing facilities program renovates, rehabilitates, and replaces existing buildings and constructs new facilities at various locations within the city limits to address deficiencies, failures, and functional changes in the SPU Lines of Business. Typical improvements include, but are not limited to, roof replacements, exterior wall or cladding replacements, and improvements to administrative office space, crew and shop space, lighting, heating and ventilation systems, and facilities structures. These improvements increase the useful life of the facilities, preserve the value of the assets, and provide a safe working environment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	2,065	1,297	1,753	2,751	3,036	5,336	2,458	6,006	24,702
Total:	2,065	1,297	1,753	2,751	3,036	5,336	2,458	6,006	24,702
Fund Appropriations/Allocations									
Water Fund	2,065	1,297	1,753	2,751	3,036	5,336	2,458	6,006	24,702
Total*:	2,065	1,297	1,753	2,751	3,036	5,336	2,458	6,006	24,702
O & M Costs (Savings)			213,395	213,395	213,395	213,395	213,395	213,395	1,280,370
Spending Plan by Fund									
Water Fund		1,723	1,753	2,751	3,036	5,336	2,458	6,006	23,063
Total:		1,723	1,753	2,751	3,036	5,336	2,458	6,006	23,063

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

Operational Facility - Other - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q4/2006
Project ID:	C4115-WF	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing facilities program provides funding to purchase, replace, or install new building materials or building equipment 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, water systems, prefabricated buildings, storage buildings, and fencing. Specific projects have been identified through 2016. As future projects are identified, necessary funding will be requested.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	657	400	50	0	0	0	0	0	1,107
Total:	657	400	50	0	0	0	0	0	1,107
Fund Appropriations/Allocations									
Water Fund	657	400	50	0	0	0	0	0	1,107
Total*:	657	400	50	0	0	0	0	0	1,107
O & M Costs (Savings)			500	500	500	500	500	500	3,000
Spending Plan by Fund									
Water Fund		145	50	0	0	0	0	0	195
Total:		145	50	0	0	0	0	0	195

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

Operations Control Center - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2003
Project ID:	C4105-WF	**End Date:**	ONGOING
Location:	2700 Airport Way S		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	2
Neighborhood District:	Greater Duwamish	**Urban Village:**	Duwamish

This ongoing facilities program renovates, rehabilitates, and replaces existing buildings and constructs new facilities at the Operations Control Center located at 2700 Airport Way South to improve the efficiency and effectiveness of the field crews delivering utility services to customers. Typical improvements include, but are not limited to, roof and other exterior replacements, improvements to public spaces, office and crew spaces and lighting, and heating and ventilation systems. These improvements increase the useful life of the facility, preserve the value of the asset, and provide a safe work and public space environment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	457	2,028	63	157	189	157	0	1,260	4,312
Total:	457	2,028	63	157	189	157	0	1,260	4,312
Fund Appropriations/Allocations									
Water Fund	457	2,028	63	157	189	157	0	1,260	4,312
Total*:	457	2,028	63	157	189	157	0	1,260	4,312
O & M Costs (Savings)			18,270	18,270	18,270	18,270	18,270	18,270	109,620
Spending Plan by Fund									
Water Fund		1,178	63	157	189	157	0	1,260	3,005
Total:		1,178	63	157	189	157	0	1,260	3,005

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

Other Major Transportation Projects - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q2/2008
Project ID:	C4123-WF	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program funds Water projects that mitigate undesirable impacts and take advantage of opportunities generated by the capital transportation projects of the Washington State Department of Transportation (WSDOT) and the Seattle Department of Transportation (SDOT) throughout the City. Work may include, but is not limited to, physically protecting the infrastructure during the transportation construction process, repairing and replacing damaged infrastructure, and improving existing infrastructure to meet higher standards. Project sites may include, but are not limited to, State Route 520, Interstate 5, and Interstate 90.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	194	255	50	550	800	1,000	1,000	0	3,850
Total:	194	255	50	550	800	1,000	1,000	0	3,850
Fund Appropriations/Allocations									
Water Fund	194	255	50	550	800	1,000	1,000	0	3,850
Total*:	194	255	50	550	800	1,000	1,000	0	3,850
O & M Costs (Savings)			34,000	34,000	34,000	34,000	34,000	34,000	204,000
Spending Plan by Fund									
Water Fund		0	50	550	800	1,000	1,000	0	3,400
Total:		0	50	550	800	1,000	1,000	0	3,400

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

Pump Station Improvements

BCL/Program Name:	Distribution	**BCL/Program Code:**	C110B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q3/2008
Project ID:	C1135	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	185	125	700	2,225	125	125	125	125	3,735
Total:	185	125	700	2,225	125	125	125	125	3,735
Fund Appropriations/Allocations									
Water Fund	185	125	700	2,225	125	125	125	125	3,735
Total*:	185	125	700	2,225	125	125	125	125	3,735
O & M Costs (Savings)			34,250	34,250	34,250	34,250	34,250	34,250	205,500
Spending Plan by Fund									
Water Fund		137	700	2,225	125	125	125	125	3,562
Total:		137	700	2,225	125	125	125	125	3,562

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

Purveyor Meters Replace - SPU

BCL/Program Name:	Transmission	**BCL/Program Code:**	C120B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2000
Project ID:	C1206	**End Date:**	ONGOING
Location:	Regional		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	731	200	204	208	213	218	223	100	2,097
Total:	731	200	204	208	213	218	223	100	2,097
Fund Appropriations/Allocations									
Water Fund	731	200	204	208	213	218	223	100	2,097
Total*:	731	200	204	208	213	218	223	100	2,097
O & M Costs (Savings)			11,660	11,660	11,660	11,660	11,660	11,660	69,960

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

Regional Facility - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2007
Project ID:	C4107-WF	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing facilities program renovates, rehabilitates, replaces existing buildings, and constructs new facilities at various locations outside the city limits to address deficiencies, failures, and functional changes in the drinking water system.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	15,008	6,249	1,570	6,738	4,605	525	675	3,000	38,370
Total:	15,008	6,249	1,570	6,738	4,605	525	675	3,000	38,370
Fund Appropriations/Allocations									
Water Fund	15,008	6,249	1,570	6,738	4,605	525	675	3,000	38,370
Total*:	15,008	6,249	1,570	6,738	4,605	525	675	3,000	38,370
O & M Costs (Savings)			171,130	171,130	171,130	171,130	171,130	171,130	1,026,780
Spending Plan by Fund									
Water Fund		6,940	1,570	6,738	4,605	525	675	3,000	24,053
Total:		6,940	1,570	6,738	4,605	525	675	3,000	24,053

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

Regional Water Conservation Program

BCL/Program Name:	Water Resources	**BCL/Program Code:**	C150B
Project Type:	Improved Facility	**Start Date:**	Q1/1999
Project ID:	C1504	**End Date:**	ONGOING
Location:	Citywide Plus Wholesale		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	20,829	1,839	1,472	1,506	1,539	1,570	1,610	1,846	32,212
Total:	20,829	1,839	1,472	1,506	1,539	1,570	1,610	1,846	32,212
Fund Appropriations/Allocations									
Water Fund	20,829	1,839	1,472	1,506	1,539	1,570	1,610	1,846	32,212
Total*:	20,829	1,839	1,472	1,506	1,539	1,570	1,610	1,846	32,212
O & M Costs (Savings)			95,432	95,432	95,432	95,432	95,432	95,432	572,592
Spending Plan by Fund									
Water Fund		1,439	1,472	1,506	1,539	1,570	1,610	1,846	10,983
Total:		1,439	1,472	1,506	1,539	1,570	1,610	1,846	10,983

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

Replace Air Valve Chambers

BCL/Program Name:	Transmission	**BCL/Program Code:**	C120B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q3/1999
Project ID:	C1209	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing project improves access to the chambers located throughout the transmission water system. The replacement and enlargement of the entrance to transmission chambers increase the safety for workers that need to enter the chambers twice per year.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	911	122	125	125	127	130	133	130	1,802
Total:	911	122	125	125	127	130	133	130	1,802
Fund Appropriations/Allocations									
Water Fund	911	122	125	125	127	130	133	130	1,802
Total*:	911	122	125	125	127	130	133	130	1,802
O & M Costs (Savings)			7,692	7,692	7,692	7,692	7,692	7,692	46,151
Spending Plan by Fund									
Water Fund		122	125	125	127	130	133	130	892
Total:		122	125	125	127	130	133	130	892

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

Reservior Covering-Bitter Lake

BCL/Program Name:	Water Quality & Treatment	**BCL/Program Code:**	C140B
Project Type:	Improved Facility	**Start Date:**	Q1/2019
Project ID:	C1419	**End Date:**	Q4/2020
Location:	N 143rd St and Linden Ave N		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	5
Neighborhood District:	Northwest	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	0	0	0	0	0	590	1,790	7,310	9,690
Total:	0	0	0	0	0	590	1,790	7,310	9,690
Fund Appropriations/Allocations									
Water Fund	0	0	0	0	0	590	1,790	7,310	9,690
Total*:	0	0	0	0	0	590	1,790	7,310	9,690
O & M Costs (Savings)			96,900	96,900	96,900	96,900	96,900	96,900	581,400

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

Reservoir Covering - Beacon

BCL/Program Name:	Water Quality & Treatment	**BCL/Program Code:**	C140B
Project Type:	Improved Facility	**Start Date:**	Q1/2001
Project ID:	C1408	**End Date:**	Q4/2016
Location:	S Spokane St/Beacon Ave S		
Neighborhood Plan:	North Beacon Hill	**Council District:**	2
Neighborhood District:	Greater Duwamish	**Urban Village:**	Not in an Urban Village

This project will construct a 50 million gallon reinforced concrete buried reservoir in compliance with new state and federal regulations and improves water quality as well as the security of the drinking water system. It is part of the reservoir burying program which was adopted by Ordinance 120899 in August 2002.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	1,122	649	135	6,470	0	0	0	0	8,376
Total:	1,122	649	135	6,470	0	0	0	0	8,376
Fund Appropriations/Allocations									
Water Fund	1,122	649	135	6,470	0	0	0	0	8,376
Total*:	1,122	649	135	6,470	0	0	0	0	8,376
O & M Costs (Savings)			66,050	66,050	66,050	66,050	66,050	66,050	396,300
Spending Plan by Fund									
Water Fund		870	135	6,470	0	0	0	0	7,475
Total:		870	135	6,470	0	0	0	0	7,475

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

Reservoir Covering - Maple Leaf

BCL/Program Name:	Water Quality & Treatment	**BCL/Program Code:**	C140B
Project Type:	Improved Facility	**Start Date:**	Q4/2001
Project ID:	C1411	**End Date:**	Q2/2016
Location:	NE 86th St/Roosevelt Wy NE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	5
Neighborhood District:	North	**Urban Village:**	Not in an Urban Village

This project will construct a 60 million gallon, dual-cell, reinforced concrete buried reservoir in compliance with new state and federal regulations. This effort improves water quality and the security of the drinking water system. It is part of the Reservoir burying program which was adopted by Ordinance 120899 in August 2002.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	39,984	7,036	1,306	0	0	0	0	0	48,326
Total:	39,984	7,036	1,306	0	0	0	0	0	48,326
Fund Appropriations/Allocations									
Water Fund	39,984	7,036	1,306	0	0	0	0	0	48,326
Total*:	39,984	7,036	1,306	0	0	0	0	0	48,326
O & M Costs (Savings)			13,060	13,060	13,060	13,060	13,060	13,060	78,360
Spending Plan by Fund									
Water Fund		6,218	1,306	0	0	0	0	0	7,524
Total:		6,218	1,306	0	0	0	0	0	7,524

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

Reservoir Covering - Myrtle

BCL/Program Name:	Water Quality & Treatment	**BCL/Program Code:**	C140B
Project Type:	Improved Facility	**Start Date:**	Q4/2001
Project ID:	C1410	**End Date:**	Q4/2016
Location:	SW Myrtle St/35th Ave SW		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Southwest	**Urban Village:**	Not in an Urban Village

This project will construct a 5 million gallon reinforced concrete buried reservoir in compliance with new state and federal regulations. This effort improves water quality and the security of the drinking water system. It is part of the Reservoir burying program which was adopted by Ordinance 120899 in August 2002.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	435	1,256	55	0	0	0	0	0	1,746
Total:	435	1,256	55	0	0	0	0	0	1,746
Fund Appropriations/Allocations									
Water Fund	435	1,256	55	0	0	0	0	0	1,746
Total*:	435	1,256	55	0	0	0	0	0	1,746
O & M Costs (Savings)			550	550	550	550	550	550	3,300
Spending Plan by Fund									
Water Fund		1,073	55	0	0	0	0	0	1,128
Total:		1,073	55	0	0	0	0	0	1,128

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

Reservoir Covering - West Seattle

BCL/Program Name:	Water Quality & Treatment	**BCL/Program Code:**	C140B
Project Type:	Improved Facility	**Start Date:**	Q4/2001
Project ID:	C1409	**End Date:**	Q1/2015
Location:	SW Henderson St/8th Ave SW		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Delridge	**Urban Village:**	Not in an Urban Village

This project will construct a 30 million gallon reinforced concrete buried reservoir in compliance with new state and federal regulations. This effort improves water quality and the security of the drinking water system. It is part of the Reservoir burying program which was adopted by Ordinance 120899 in August 2002.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	40,381	2,967	50	0	0	0	0	0	43,398
Total:	40,381	2,967	50	0	0	0	0	0	43,398
Fund Appropriations/Allocations									
Water Fund	40,381	2,967	50	0	0	0	0	0	43,398
Total*:	40,381	2,967	50	0	0	0	0	0	43,398
O & M Costs (Savings)			500	500	500	500	500	500	3,000
Spending Plan by Fund									
Water Fund		1,954	50	0	0	0	0	0	2,004
Total:		1,954	50	0	0	0	0	0	2,004

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

Reservoir Covering-Lake Forest Park

BCL/Program Name:	Water Quality & Treatment	**BCL/Program Code:**	C140B
Project Type:	Improved Facility	**Start Date:**	Q1/2019
Project ID:	C1418	**End Date:**	Q4/2020
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Outside Seattle City	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	0	0	0	0	0	590	1,200	9,750	11,540
Total:	0	0	0	0	0	590	1,200	9,750	11,540
Fund Appropriations/Allocations									
Water Fund	0	0	0	0	0	590	1,200	9,750	11,540
Total*:	0	0	0	0	0	590	1,200	9,750	11,540
O & M Costs (Savings)			115,400	115,400	115,400	115,400	115,400	115,400	692,400

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

Seattle Direct Service Additional Conservation

BCL/Program Name:	Water Resources	**BCL/Program Code:**	C150B
Project Type:	Improved Facility	**Start Date:**	Q1/2001
Project ID:	C1505	**End Date:**	ONGOING
Location:	Citywide & Direct Service		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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 Program (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. The program is cooperatively managed by SPU and the City's Human Services Department and requires an annual report to be provided to Council.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	2,692	566	681	697	713	729	746	863	7,687
Total:	2,692	566	681	697	713	729	746	863	7,687
Fund Appropriations/Allocations									
Water Fund	2,692	566	681	697	713	729	746	863	7,687
Total*:	2,692	566	681	697	713	729	746	863	7,687
O & M Costs (Savings)			44,293	44,293	44,293	44,293	44,293	44,293	265,758
Spending Plan by Fund									
Water Fund		666	681	697	713	729	746	863	5,095
Total:		666	681	697	713	729	746	863	5,095

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

Security Improvements - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2005
Project ID:	C4113-WF	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This ongoing program funds physical, integrated security system components on water infrastructure throughout the City. Components may include, but are not limited to, fences, gates, access control card readers, intercoms, lighting, door and hatch contacts, CCTV cameras, motion detection devices, and fiber and conduit. This program enhances protection of SPU's critical infrastructure and addresses vulnerabilities identified in U.S. Environmental Protection Agency (EPA) mandated vulnerability assessments.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	5,005	1,078	783	934	686	736	786	1,150	11,157
Total:	5,005	1,078	783	934	686	736	786	1,150	11,157
Fund Appropriations/Allocations									
Water Fund	5,005	1,078	783	934	686	736	786	1,150	11,157
Total*:	5,005	1,078	783	934	686	736	786	1,150	11,157
O & M Costs (Savings)			50,741	50,741	50,741	50,741	50,741	50,741	304,444
Spending Plan by Fund									
Water Fund		1,065	783	934	686	736	786	1,150	6,139
Total:		1,065	783	934	686	736	786	1,150	6,139

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

Sound Transit - North Link - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Facility	**Start Date:**	Q1/2012
Project ID:	C4135-WF	**End Date:**	Q4/2020
Location:	Various Various		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program funds relocation, replacement, and protection of water infrastructure affected by the development of Sound Transit's Link Light Rail System. Sound Transit is constructing the third segment of their electrical light rail transit system that includes 4.3 mile light rail extension, three additional stations, and other supporting facilities from the University of Washington to Northgate.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	619	516	485	100	75	75	25	0	1,896
Total:	619	516	485	100	75	75	25	0	1,896
Fund Appropriations/Allocations									
Water Fund	619	516	485	100	75	75	25	0	1,896
Total*:	619	516	485	100	75	75	25	0	1,896
O & M Costs (Savings)			7,602	7,602	7,602	7,602	7,602	7,602	45,612
Spending Plan by Fund									
Water Fund		201	485	100	75	75	25	0	961
Total:		201	485	100	75	75	25	0	961

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

Sound Transit - Water Betterment

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	C4125	**End Date:**	Q4/2018
Location:	Central & South areas of Seattle		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project funds improvements to watermains and appurtenances (hydrants, valves, coatings, cathodic protection, etc.) affected by the development of Sound Transit's Light Rail System. These improvements are "opportunity" projects that become available and are cost effective as Sound Transit constructs Light Rail and rebuilds the street right-of-way. This project covers Sound Transit's alignment within SPU's service area, including the South Link to SeaTac International Airport, the University Link, and the North Link towards Northgate.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	1,502	50	0	0	0	0	0	0	1,552
Total:	1,502	50	0	0	0	0	0	0	1,552
Fund Appropriations/Allocations									
Water Fund	1,502	50	0	0	0	0	0	0	1,552
Total*:	1,502	50	0	0	0	0	0	0	1,552
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Sound Transit's University Link - WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Facility	**Start Date:**	Q1/2007
Project ID:	C4110-WF	**End Date:**	Q2/2016
Location:	Various		
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program funds relocation, replacement, and protection of water system infrastructure affected by the development of Sound Transit's Link Light Rail System. Sound Transit is constructing the second segment of their electrical light rail transit system that includes 3.15 miles of tunnel, two additional stations, and other supporting facilities from downtown to the University of Washington.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	353	96	10	0	0	0	0	0	459
Total:	353	96	10	0	0	0	0	0	459
Fund Appropriations/Allocations									
Water Fund	353	96	10	0	0	0	0	0	459
Total*:	353	96	10	0	0	0	0	0	459
O & M Costs (Savings)			100	100	100	100	100	100	600
Spending Plan by Fund									
Water Fund		67	10	0	0	0	0	0	77
Total:		67	10	0	0	0	0	0	77

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

Sound Transit-East Link

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Facility	**Start Date:**	Q2/2013
Project ID:	C4122-WF	**End Date:**	Q4/2019
Location:	Various Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This program funds relocation, replacement, and protection of water infrastructure affected by the development of Sound Transit's Link Light Rail System. Sound Transit is constructing the next segment of their electrical light rail transit system that includes 14 mile light rail extension, 10 additional stations total (one in Seattle) and other supporting facilities from the International District (ID) across I-90 to Bellevue/Redmond.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	10	53	170	150	50	25	0	0	458
Total:	10	53	170	150	50	25	0	0	458
Fund Appropriations/Allocations									
Water Fund	10	53	170	150	50	25	0	0	458
Total*:	10	53	170	150	50	25	0	0	458
O & M Costs (Savings)			3,950	3,950	3,950	3,950	3,950	3,950	23,700
Spending Plan by Fund									
Water Fund		20	170	150	50	25	0	0	415
Total:		20	170	150	50	25	0	0	415

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

Stream & Riparian Restoration

BCL/Program Name:	Habitat Conservation Program	**BCL/Program Code:**	C160B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q2/2000
Project ID:	C1602	**End Date:**	ONGOING
Location:	Cedar River Watershed		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This program provides stream and riparian restoration in the Cedar River Watershed, including large woody debris placement, riparian conifer underplanting, and culvert replacement for fish passage and peak storm flows. This program is a requirement under the Cedar River Habitat Conservation Plan (HCP.)

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	3,718	204	164	165	167	168	168	193	4,947
Total:	3,718	204	164	165	167	168	168	193	4,947
Fund Appropriations/Allocations									
Water Fund	3,718	204	164	165	167	168	168	193	4,947
Total*:	3,718	204	164	165	167	168	168	193	4,947
O & M Costs (Savings)			10,259	10,259	10,259	10,259	10,259	10,259	61,552
Spending Plan by Fund									
Water Fund		213	164	165	167	168	168	193	1,239
Total:		213	164	165	167	168	168	193	1,239

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

Tank Improvements

BCL/Program Name:	Distribution	**BCL/Program Code:**	C110B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2008
Project ID:	C1134	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	2,431	250	750	500	100	550	850	0	5,431
Total:	2,431	250	750	500	100	550	850	0	5,431
Fund Appropriations/Allocations									
Water Fund	2,431	250	750	500	100	550	850	0	5,431
Total*:	2,431	250	750	500	100	550	850	0	5,431
O & M Costs (Savings)			27,500	27,500	27,500	27,500	27,500	27,500	165,000
Spending Plan by Fund									
Water Fund		50	750	500	100	550	850	0	2,800
Total:		50	750	500	100	550	850	0	2,800

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Tolt Bridges

BCL/Program Name:	Watershed Stewardship	**BCL/Program Code:**	C130B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2004
Project ID:	C1308	**End Date:**	ONGOING
Location:	Tolt River Watershed		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This program replaces aging bridges on forest roads in the Tolt River Watershed, including Chuck Judd Creek Bridge and Siwash Creek Bridge. It improves aging bridge assets 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. This program maintains compliance with state laws and safety and environmental regulations, including Washington Department of Natural Resources (WDNR) forest practice regulations and Washington Department of Health (DOH) Watershed Protection Plan regulations.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	0	0	450	450	0	0	0	0	900
Total:	0	0	450	450	0	0	0	0	900
Fund Appropriations/Allocations									
Water Fund	0	0	450	450	0	0	0	0	900
Total*:	0	0	450	450	0	0	0	0	900
O & M Costs (Savings)			9,000	9,000	9,000	9,000	9,000	9,000	54,000

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

Tolt Watershed Restoration

BCL/Program Name:	Watershed Stewardship	**BCL/Program Code:**	C130B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2009
Project ID:	C1310	**End Date:**	Q4/2016
Location:	Tolt River Watershed		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This program provides aquatic and riparian restoration, and funds improvements and decommissioning of the road system in the Tolt River Municipal Watershed. This program improves Tolt Watershed management practices to be consistent with the land management practices in the Cedar River Watershed, the City's other primary water supply watershed. Projects are based upon recommendations of the 2011 Tolt Watershed Management Plan.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	292	5	0	0	0	0	0	0	297
Total:	292	5	0	0	0	0	0	0	297
Fund Appropriations/Allocations									
Water Fund	292	5	0	0	0	0	0	0	297
Total*:	292	5	0	0	0	0	0	0	297
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Transmission Pipelines Rehabilitation

BCL/Program Name:	Transmission	**BCL/Program Code:**	C120B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2005
Project ID:	C1207	**End Date:**	ONGOING
Location:	Regional		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This 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 (DOH).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	1,770	1,152	2,568	11,027	19,912	19,934	3,856	1,500	61,720
Total:	1,770	1,152	2,568	11,027	19,912	19,934	3,856	1,500	61,720
Fund Appropriations/Allocations									
Water Fund	1,770	1,152	2,568	11,027	19,912	19,934	3,856	1,500	61,720
Total*:	1,770	1,152	2,568	11,027	19,912	19,934	3,856	1,500	61,720
O & M Costs (Savings)			587,970	587,970	587,970	587,970	587,970	587,970	3,527,820
Spending Plan by Fund									
Water Fund		1,631	2,568	11,027	19,912	19,934	3,856	1,500	60,428
Total:		1,631	2,568	11,027	19,912	19,934	3,856	1,500	60,428

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Transmission Right-of-Way Improvements

BCL/Program Name:	Watershed Stewardship	**BCL/Program Code:**	C130B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2012
Project ID:	C1316	**End Date:**	Q4/2014
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project provides drainage and vegetation improvements within and adjacent to water transmission rights-of-way and in the Lake Youngs Reserve. These improvements will reduce long-term maintenance costs, contribute to worker safety, and reduce sediment delivery adjacent waterways.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	163	85	0	0	0	0	0	0	248
Total:	163	85	0	0	0	0	0	0	248
Fund Appropriations/Allocations									
Water Fund	163	85	0	0	0	0	0	0	248
Total*:	163	85	0	0	0	0	0	0	248
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Water Fund		40	0	0	0	0	0	0	40
Total:		40	0	0	0	0	0	0	40

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

Treatment Facility/Water Quality Improvements

BCL/Program Name:	Water Quality & Treatment	**BCL/Program Code:**	C140B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	C1413	**End Date:**	ONGOING
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	342	205	225	209	225	225	455	150	2,036
Total:	342	205	225	209	225	225	455	150	2,036
Fund Appropriations/Allocations									
Water Fund	342	205	225	209	225	225	455	150	2,036
Total*:	342	205	225	209	225	225	455	150	2,036
O & M Costs (Savings)			14,895	14,895	14,895	14,895	14,895	14,895	89,368
Spending Plan by Fund									
Water Fund		180	225	209	225	225	455	150	1,669
Total:		180	225	209	225	225	455	150	1,669

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

Upland Reserve Forest Restoration

BCL/Program Name:	Habitat Conservation Program	**BCL/Program Code:**	C160B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q2/2000
Project ID:	C1603	**End Date:**	ONGOING
Location:	Cedar River Watershed		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**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.)

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	6,783	98	93	95	97	98	100	103	7,467
Total:	6,783	98	93	95	97	98	100	103	7,467
Fund Appropriations/Allocations									
Water Fund	6,783	98	93	95	97	98	100	103	7,467
Total*:	6,783	98	93	95	97	98	100	103	7,467
O & M Costs (Savings)			5,859	5,859	5,859	5,859	5,859	5,859	35,156
Spending Plan by Fund									
Water Fund		98	93	95	97	98	100	103	684
Total:		98	93	95	97	98	100	103	684

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

Water Infrastructure - Distribution System Modifications

BCL/Program Name:	Distribution	**BCL/Program Code:**	C110B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2013
Project ID:	C1138	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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 Program projects. The benefit of this program is accommodation of third party development by relocating or modifying existing Distribution System infrastructure, while retaining a Distribution System that continues to provide cost effective service to the ratepayer.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	42	100	0	104	106	108	110	113	684
Total:	42	100	0	104	106	108	110	113	684
Fund Appropriations/Allocations									
Water Fund	42	100	0	104	106	108	110	113	684
Total*:	42	100	0	104	106	108	110	113	684
O & M Costs (Savings)			5,414	5,414	5,414	5,414	5,414	5,414	32,486
Spending Plan by Fund									
Water Fund		0	0	104	106	108	110	113	541
Total:		0	0	104	106	108	110	113	541

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

Water Infrastructure - Hydrant Replacement/Relocation

BCL/Program Name:	Distribution	**BCL/Program Code:**	C110B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q4/1998
Project ID:	C1110	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	4,466	204	208	212	216	221	225	229	5,982
Total:	4,466	204	208	212	216	221	225	229	5,982
Fund Appropriations/Allocations									
Water Fund	4,466	204	208	212	216	221	225	229	5,982
Total*:	4,466	204	208	212	216	221	225	229	5,982
O & M Costs (Savings)			13,115	13,115	13,115	13,115	13,115	13,115	78,690

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

Water Infrastructure - New Hydrants

BCL/Program Name:	Distribution	**BCL/Program Code:**	C110B
Project Type:	New Facility	**Start Date:**	Q2/1999
Project ID:	C1112	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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 helps to reduce the damage as a result of fire by locating new fire hydrants throughout the City's direct service area.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	281	61	25	13	13	13	14	14	433
Total:	281	61	25	13	13	13	14	14	433
Fund Appropriations/Allocations									
Water Fund	281	61	25	13	13	13	14	14	433
Total*:	281	61	25	13	13	13	14	14	433
O & M Costs (Savings)			912	912	912	912	912	912	5,474

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

Water Infrastructure - New Taps

BCL/Program Name:	Distribution	**BCL/Program Code:**	C110B
Project Type:	New Facility	**Start Date:**	Q4/1998
Project ID:	C1113	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program installs new drinking water services throughout the City of Seattle. This program 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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	55,612	6,000	6,630	6,763	6,898	7,036	7,177	7,320	103,435
Total:	55,612	6,000	6,630	6,763	6,898	7,036	7,177	7,320	103,435
Fund Appropriations/Allocations									
Water Fund	55,612	6,000	6,630	6,763	6,898	7,036	7,177	7,320	103,435
Total*:	55,612	6,000	6,630	6,763	6,898	7,036	7,177	7,320	103,435
O & M Costs (Savings)			418,228	418,228	418,228	418,228	418,228	418,228	2,509,370
Spending Plan by Fund									
Water Fund		6,500	6,630	6,763	6,898	7,036	7,177	7,320	48,323
Total:		6,500	6,630	6,763	6,898	7,036	7,177	7,320	48,323

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

Water Infrastructure - Service Renewal

BCL/Program Name:	Distribution	**BCL/Program Code:**	C110B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q4/1998
Project ID:	C1109	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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 system.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	108,389	4,986	7,610	7,722	5,837	5,953	6,072	6,193	152,763
Total:	108,389	4,986	7,610	7,722	5,837	5,953	6,072	6,193	152,763
Fund Appropriations/Allocations									
Water Fund	108,389	4,986	7,610	7,722	5,837	5,953	6,072	6,193	152,763
Total*:	108,389	4,986	7,610	7,722	5,837	5,953	6,072	6,193	152,763
O & M Costs (Savings)			393,881	393,881	393,881	393,881	393,881	393,881	2,363,290
Spending Plan by Fund									
Water Fund		7,000	7,610	7,722	5,837	5,953	6,072	6,193	46,388
Total:		7,000	7,610	7,722	5,837	5,953	6,072	6,193	46,388

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

Water Infrastructure - Watermain Extensions

BCL/Program Name:	Distribution	**BCL/Program Code:**	C110B
Project Type:	New Facility	**Start Date:**	Q1/1998
Project ID:	C1111	**End Date:**	ONGOING
Location:	Citywide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	2,000	812	828	845	862	879	897	915	8,038
Total:	2,000	812	828	845	862	879	897	915	8,038
Fund Appropriations/Allocations									
Water Fund	2,000	812	828	845	862	879	897	915	8,038
Total*:	2,000	812	828	845	862	879	897	915	8,038
O & M Costs (Savings)			52,258	52,258	52,258	52,258	52,258	52,258	313,546
Spending Plan by Fund									
Water Fund		500	828	845	862	879	897	915	5,726
Total:		500	828	845	862	879	897	915	5,726

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

Water Quality Equipment

BCL/Program Name:	Water Quality & Treatment	**BCL/Program Code:**	C140B
Project Type:	Improved Facility	**Start Date:**	Q1/2007
Project ID:	C1414	**End Date:**	Q4/2015
Location:	Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project installs water quality monitoring equipment throughout the drinking water distribution system and enhances SPU's drinking water quality, security, and public health surveillance system. This effort will improve Seattle's ability to detec and respond appropriately to potential drinking water contamination events as recommended by research produced by SPU and the Environmental Protection Agency (EPA) for online monitoring equipment and SPU's broader efforts to increase the security of the water system.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	249	101	75	75	0	0	0	0	500
Total:	249	101	75	75	0	0	0	0	500
Fund Appropriations/Allocations									
Water Fund	249	101	75	75	0	0	0	0	500
Total*:	249	101	75	75	0	0	0	0	500
O & M Costs (Savings)			1,500	1,500	1,500	1,500	1,500	1,500	9,000
Spending Plan by Fund									
Water Fund		25	75	75	0	0	0	0	175
Total:		25	75	75	0	0	0	0	175

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

Water Supply Flexibility Program

BCL/Program Name:	Water Resources	**BCL/Program Code:**	C150B
Project Type:	New Investment	**Start Date:**	Q1/2008
Project ID:	C1507	**End Date:**	Q4/2016
Location:	Multiple		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	277	1,480	0	0	0	0	0	0	1,757
Total:	277	1,480	0	0	0	0	0	0	1,757
Fund Appropriations/Allocations									
Water Fund	277	1,480	0	0	0	0	0	0	1,757
Total*:	277	1,480	0	0	0	0	0	0	1,757
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Water Fund		0	0	0	0	0	0	0	0
Total:		0	0	0	0	0	0	0	0

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

Water System Dewatering

BCL/Program Name:	Transmission	**BCL/Program Code:**	C120B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2007
Project ID:	C1205	**End Date:**	ONGOING
Location:	Regional		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	39	50	24	25	27	30	33	35	263
Total:	39	50	24	25	27	30	33	35	263
Fund Appropriations/Allocations									
Water Fund	39	50	24	25	27	30	33	35	263
Total*:	39	50	24	25	27	30	33	35	263
O & M Costs (Savings)			1,740	1,740	1,740	1,740	1,740	1,740	10,440
Spending Plan by Fund									
Water Fund		126	24	25	27	30	33	35	300
Total:		126	24	25	27	30	33	35	300

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

Water System Plan - 2019

BCL/Program Name:	Water Resources	**BCL/Program Code:**	C150B
Project Type:	New Investment	**Start Date:**	Q1/2016
Project ID:	C1510	**End Date:**	Q2/2019
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This project develops the 2019 Water System Plan. This project meets the State requirement that SPU update a water system plan every six years and submit the plan to the Washington Department of Health (DOH) for approval as a condition of the operating permit for the drinking water system.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	0	0	0	0	0	0	0	0	0
Total:	0	0	0	0	0	0	0	0	0
Fund Appropriations/Allocations									
Water Fund	0	0	0	0	0	0	0	0	0
Total*:	0	0	0	0	0	0	0	0	0
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Watermain Rehabilitation

BCL/Program Name:	Distribution	**BCL/Program Code:**	C110B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2004
Project ID:	C1129	**End Date:**	ONGOING
Location:	Regional		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program replaces or rehabilitates existing watermains in Seattle. Replacements occur when leaks become too frequent. Rehabilitation by lining the interior of the pipe with cement mortar restores the capacity of watermains that have degraded due to interior deposits. The benefits of this program are restored quality of the delivered water, lower use of chlorine to maintain required chlorine residual, and restored pressures.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	3,660	6,430	1,004	3,182	7,513	4,411	4,010	4,300	34,511
Total:	3,660	6,430	1,004	3,182	7,513	4,411	4,010	4,300	34,511
Fund Appropriations/Allocations									
Water Fund	3,660	6,430	1,004	3,182	7,513	4,411	4,010	4,300	34,511
Total*:	3,660	6,430	1,004	3,182	7,513	4,411	4,010	4,300	34,511
O & M Costs (Savings)			244,208	244,208	244,208	244,208	244,208	244,208	1,465,250
Spending Plan by Fund									
Water Fund		3,508	1,004	3,182	7,513	4,411	4,010	4,300	27,929
Total:		3,508	1,004	3,182	7,513	4,411	4,010	4,300	27,929

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Watershed Road Improvement/Decommissioning

BCL/Program Name:	Habitat Conservation Program	**BCL/Program Code:**	C160B
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2001
Project ID:	C1601	**End Date:**	ONGOING
Location:	Cedar River Watershed		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Outside Seattle
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This 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.)

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	3,798	1,090	981	998	1,015	1,032	1,049	857	10,820
Total:	3,798	1,090	981	998	1,015	1,032	1,049	857	10,820
Fund Appropriations/Allocations									
Water Fund	3,798	1,090	981	998	1,015	1,032	1,049	857	10,820
Total*:	3,798	1,090	981	998	1,015	1,032	1,049	857	10,820
O & M Costs (Savings)			59,322	59,322	59,322	59,322	59,322	59,322	355,930
Spending Plan by Fund									
Water Fund		965	981	998	1,015	1,032	1,049	857	6,897
Total:		965	981	998	1,015	1,032	1,049	857	6,897

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Yesler Terrace-WF

BCL/Program Name:	Shared Cost Projects	**BCL/Program Code:**	C410B
Project Type:	New Facility	**Start Date:**	Q1/2014
Project ID:	C4136-WF	**End Date:**	Q4/2014
Location:	Yelser and Broadway		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	Central	**Urban Village:**	Not in an Urban Village

Seattle Housing Authority (SHA) is leading a major project to replace Yesler Terrace's aging public housing buildings with a new mixed-income community. This project provides funding for SPU Water infrastructure investments in association with this project.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	18	200	0	0	0	0	0	0	218
Total:	18	200	0	0	0	0	0	0	218
Fund Appropriations/Allocations									
Water Fund	18	200	0	0	0	0	0	0	218
Total*:	18	200	0	0	0	0	0	0	218
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Seattle Public Utilities

Technology Projects

Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Technology						**BCL/Program Code:**			**C510B**
Asset Information Management (C5407)	214	2,258	2,744	808	1,115	1,900	1,800	2,000	12,838
Customer Contact & Billing (C5402)	18,433	14,312	14,752	3,552	3,369	1,250	2,500	1,000	59,169
Enterprise Information Management (C5403)	9,849	2,365	950	550	850	2,100	500	2,000	19,164
IT Infrastructure (C5404)	5,351	2,250	1,400	1,800	3,000	1,000	2,600	1,000	18,401
Project Delivery & Performance (C5405)	9,643	6,100	12,558	9,830	2,649	1,800	750	1,700	45,029
Science & System Performance (C5406)	3,785	2,674	942	1,469	1,498	1,000	1,000	1,600	13,968
Technology	47,275	29,960	33,346	18,008	12,480	9,050	9,150	9,300	168,569
Department Total*:	47,275	29,960	33,346	18,008	12,480	9,050	9,150	9,300	168,569

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

Fund Summary

Fund Name & Code	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Drainage and Wastewater Fund (44010)	18,311	11,056	12,797	7,349	4,588	3,872	3,918	3,999	65,890
Solid Waste Fund (45010)	9,606	7,120	7,235	2,908	2,037	1,137	1,079	1,395	32,517
Water Fund (43000)	19,357	11,784	13,314	7,751	5,856	4,041	4,152	3,906	70,162
Department Total*:	47,275	29,960	33,346	18,008	12,480	9,050	9,150	9,300	168,569

**Amounts in thousands of dollars*

Asset Information Management

BCL/Program Name:	Technology	**BCL/Program Code:**	C510B
Project Type:	New Investment	**Start Date:**	ONGOING
Project ID:	C5407	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program provides applications, upgrades and data management tools in support of SPU's work and asset management programs. Several new and updated technology solutions designed to enhance the efficiency and effectiveness of drinking water, sewer, drainage, and solid waste operations are planned. These include the development of an Asset Data Register in support of performance analytics, and dispatch and emergency response systems. Other related, but as yet undetermined projects will be undertaken to further enhance safety and improve responsiveness of SPU's utility operations.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	93	1,048	1,254	411	548	866	862	840	5,923
Drainage and Wastewater Rates	88	847	1,223	250	372	824	823	860	5,287
Solid Waste Rates	32	364	267	147	194	210	115	300	1,628
Total:	214	2,258	2,744	808	1,115	1,900	1,800	2,000	12,838
Fund Appropriations/Allocations									
Water Fund	93	1,048	1,254	411	548	866	862	840	5,923
Drainage and Wastewater Fund	88	847	1,223	250	372	824	823	860	5,287
Solid Waste Fund	32	364	267	147	194	210	115	300	1,628
Total*:	214	2,258	2,744	808	1,115	1,900	1,800	2,000	12,838
O & M Costs (Savings)			103,664	103,664	103,664	103,664	103,664	103,664	621,981
Spending Plan by Fund									
Water Fund		172	1,254	411	548	866	862	840	4,953
Drainage and Wastewater Fund		161	1,223	250	372	824	823	860	4,513
Solid Waste Fund		18	267	147	194	210	115	300	1,250
Total:		350	2,744	808	1,115	1,900	1,800	2,000	10,716

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

Customer Contact & Billing

BCL/Program Name:	Technology	**BCL/Program Code:**	C510B
Project Type:	New Investment	**Start Date:**	ONGOING
Project ID:	C5402	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This program will provide 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, a replacement of the Consolidated Customer Service System and new technology solutions for enhanced customer contact management. This program is intended to enhance customer service, customer contact, and ensure accurate Utility billing.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	6,617	5,124	5,108	1,563	1,482	550	1,100	420	21,964
Drainage and Wastewater Rates	6,250	4,801	4,983	1,456	1,381	512	1,025	430	20,840
Solid Waste Rates	5,566	4,387	4,661	533	505	187	375	150	16,364
Total:	18,433	14,312	14,752	3,552	3,369	1,250	2,500	1,000	59,169
Fund Appropriations/Allocations									
Water Fund	6,617	5,124	5,108	1,563	1,482	550	1,100	420	21,964
Drainage and Wastewater Fund	6,250	4,801	4,983	1,456	1,381	512	1,025	430	20,840
Solid Waste Fund	5,566	4,387	4,661	533	505	187	375	150	16,364
Total*:	18,433	14,312	14,752	3,552	3,369	1,250	2,500	1,000	59,169
O & M Costs (Savings)			264,230	264,230	264,230	264,230	264,230	264,230	1,585,380
Spending Plan by Fund									
Water Fund		6,386	5,108	1,563	1,482	550	1,100	420	16,609
Drainage and Wastewater Fund		6,177	4,983	1,456	1,381	512	1,025	430	15,965
Solid Waste Fund		5,513	4,661	533	505	187	375	150	11,924
Total:		18,076	14,752	3,552	3,369	1,250	2,500	1,000	44,499

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

Enterprise Information Management

BCL/Program Name:	Technology	**BCL/Program Code:**	C510B
Project Type:	New Investment	**Start Date:**	ONGOING
Project ID:	C5403	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This program will provide 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 program enhances SPU's ability to retrieve, share, distribute and manage corporate information.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	5,110	1,043	510	242	377	923	223	840	9,269
Drainage and Wastewater Rates	3,164	965	328	225	342	858	199	860	6,942
Solid Waste Rates	1,574	357	113	82	130	319	77	300	2,953
Total:	9,849	2,365	950	550	850	2,100	500	2,000	19,164
Fund Appropriations/Allocations									
Water Fund	5,110	1,043	510	242	377	923	223	840	9,269
Drainage and Wastewater Fund	3,164	965	328	225	342	858	199	860	6,942
Solid Waste Fund	1,574	357	113	82	130	319	77	300	2,953
Total*:	9,849	2,365	950	550	850	2,100	500	2,000	19,164
O & M Costs (Savings)			69,500	69,500	69,500	69,500	69,500	69,500	417,000
Spending Plan by Fund									
Water Fund		402	510	242	377	923	223	840	3,518
Drainage and Wastewater Fund		190	328	225	342	858	199	860	3,002
Solid Waste Fund		60	113	82	130	319	77	300	1,082
Total:		652	950	550	850	2,100	500	2,000	7,602

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IT Infrastructure

BCL/Program Name:	Technology	**BCL/Program Code:**	C510B
Project Type:	New Investment	**Start Date:**	ONGOING
Project ID:	C5404	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing IT asset management program ensures the availability, reliability, and security of SPU's corporate computing infrastructure. The program acquires and maintains SPU-owned and managed servers, local networks, shared storage and backup systems, operating software, and communications infrastructure.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	2,366	990	612	788	1,297	430	1,132	420	8,034
Drainage and Wastewater Rates	2,420	923	573	738	1,248	420	1,073	430	7,825
Solid Waste Rates	565	338	215	274	455	150	395	150	2,541
Total:	5,351	2,250	1,400	1,800	3,000	1,000	2,600	1,000	18,401
Fund Appropriations/Allocations									
Water Fund	2,366	990	612	788	1,297	430	1,132	420	8,034
Drainage and Wastewater Fund	2,420	923	573	738	1,248	420	1,073	430	7,825
Solid Waste Fund	565	338	215	274	455	150	395	150	2,541
Total*:	5,351	2,250	1,400	1,800	3,000	1,000	2,600	1,000	18,401
O & M Costs (Savings)			108,000	108,000	108,000	108,000	108,000	108,000	648,000
Spending Plan by Fund									
Water Fund		1,132	612	788	1,297	430	1,132	420	5,811
Drainage and Wastewater Fund		1,090	573	738	1,248	420	1,073	430	5,572
Solid Waste Fund		392	215	274	455	150	395	150	2,031
Total:		2,615	1,400	1,800	3,000	1,000	2,600	1,000	13,415

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

Project Delivery & Performance

BCL/Program Name:	Technology	**BCL/Program Code:**	C510B
Project Type:	New Investment	**Start Date:**	ONGOING
Project ID:	C5405	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program 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 program will result in an improved ability to plan and deliver projects on schedule and within budget.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	4,500	2,698	5,558	4,351	1,229	772	335	714	20,157
Drainage and Wastewater Rates	3,636	2,476	5,072	3,978	993	758	298	731	17,944
Solid Waste Rates	1,507	925	1,928	1,501	426	270	116	255	6,928
Total:	9,643	6,100	12,558	9,830	2,649	1,800	750	1,700	45,029
Fund Appropriations/Allocations									
Water Fund	4,500	2,698	5,558	4,351	1,229	772	335	714	20,157
Drainage and Wastewater Fund	3,636	2,476	5,072	3,978	993	758	298	731	17,944
Solid Waste Fund	1,507	925	1,928	1,501	426	270	116	255	6,928
Total*:	9,643	6,100	12,558	9,830	2,649	1,800	750	1,700	45,029
O & M Costs (Savings)			292,862	292,862	292,862	292,862	292,862	292,862	1,757,170
Spending Plan by Fund									
Water Fund		66	5,558	4,351	1,229	772	335	714	13,025
Drainage and Wastewater Fund		59	5,072	3,978	993	758	298	731	11,890
Solid Waste Fund		23	1,928	1,501	426	270	116	255	4,519
Total:		148	12,558	9,830	2,649	1,800	750	1,700	29,435

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

Science & System Performance

BCL/Program Name:	Technology	**BCL/Program Code:**	C510B
Project Type:	New Investment	**Start Date:**	ONGOING
Project ID:	C5406	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This ongoing program 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 program enhances SPU's ability to control water quality and comply with environmental and health regulations.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Water Rates	672	880	272	397	921	500	500	672	4,814
Drainage and Wastewater Rates	2,752	1,044	618	700	250	500	500	688	7,052
Solid Waste Rates	362	750	53	371	327	0	0	240	2,102
Total:	3,785	2,674	942	1,469	1,498	1,000	1,000	1,600	13,968
Fund Appropriations/Allocations									
Water Fund	672	880	272	397	921	500	500	672	4,814
Drainage and Wastewater Fund	2,752	1,044	618	700	250	500	500	688	7,052
Solid Waste Fund	362	750	53	371	327	0	0	240	2,102
Total*:	3,785	2,674	942	1,469	1,498	1,000	1,000	1,600	13,968
O & M Costs (Savings)			75,086	75,086	75,086	75,086	75,086	75,086	450,515
Spending Plan by Fund									
Water Fund		236	272	397	921	500	500	672	3,498
Drainage and Wastewater Fund		205	618	700	250	500	500	688	3,461
Solid Waste Fund		378	53	371	327	0	0	240	1,368
Total:		819	942	1,469	1,498	1,000	1,000	1,600	8,328

** Funds are appropriated through the Adopted Budget at the Budget Control Level. 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 City- and FAS-owned and operated general government facilities, owned/leased community-based facilities and the City's enterprise technology applications, including the financial management (Summit) and payroll/human resources information (HRIS) systems. These assets are used by City departments, and certain non-profit agencies that serve the public, to deliver critical services to Seattle residents.

FAS' proposed CIP includes appropriations for ongoing capital programs and specific capital facilities and enterprise projects with multiyear durations. Asset preservation work is planned on a six-year cycle and evaluated biannually for specific project development and execution. Department staff use a custom database known as Unifier to maintain building-specific facilities condition indexes and known building deficiencies, as well as to develop sustainment schedules and identify recapitalization requirements in the more than 100 buildings owned and managed by FAS. Multiyear projects are identified by multiple priorities, including City goals (e.g., sustainability, energy efficiency and public safety), code compliance and facility deficiencies based on tenant department operations. Planned schedules and funding commitments for these types of multiyear projects are typically made every other year in conjunction with the biennial budget process.

2016-2021 CIP

The six-year FAS CIP includes approximately $344 million in proposed and planned appropriations for new and existing projects and programs, for 2016 through 2021. Some highlights of ongoing programs include:

- **Americans with Disabilities Act: Citywide Capital Projects Coordination** – In 2016, FAS will continue to manage the City's efforts to improve accessibility to City facilities, consistent with the Americans with Disabilities Act (ADA). In this role, FAS conducted a Citywide prioritization process to allocate capital funding for specific ADA improvements among five affected capital departments: Department of Parks and Recreation, Seattle Center, Seattle Public Library, Seattle Department of Transportation (SDOT) and FAS. In 2016, FAS will manage a centralized effort to document compliance and project completion, as well as support a facilities assessment for ADA compliance.

- **Americans with Disabilities Act: FAS** – FAS' Capital Development and Construction Management Division (CDCM) is charged with planning, developing and executing ADA improvement projects in FAS-owned facilities. In 2016, CDCM will continue to make ADA improvements at several FAS facilities, and will compile and submit compliance documentation for specific work improvements in compliance with Department of Justice ADA regulations and City of Seattle requirements.

- **Asset Preservation** – FAS' Asset Preservation program received an appropriation increase in 2016 and continues to preserve and extend the operational capacity and useful lives of existing facilities using facility space rent charges paid by City departments. Some projects planned for 2016-2017 include:

    - Seattle Municipal Tower (SMT) chiller plant replacement.
    - SMT elevator controller replacements.
    - SMT 14 demolition and structural repairs.
    - Roof replacements at Airport Way Center (AWC) maintenance complex.
    - AWC Building B seismic retrofit.

- o East Precinct structural and seismic retrofit.
- o Charles Street SDOT Engineering building HVAC and structural.
- o Generator upgrades at multiple shops and yards maintenance facilities.
- o Building performance systems verifications (electrical and mechanical) and modifications in fire and police facilities.

- **Customer Requested Tenant Improvements (CRTI)** – This ongoing program provides a process for FAS/CDCM to manage and execute all public work tenant improvement projects and space planning in FAS-owned facilities and leased facilities. FAS/CDCM is also hired by other City departments to manage their facilities' capital improvement projects in non-FAS buildings. 2016-2017 projects in this program include approximately 400,000 square feet of tenant improvements in SMT, the Seattle Justice Center and Seattle City Hall. Non-FAS projects include the continuation of a new Seattle Public Utilities (SPU) Cedar Falls maintenance facility, a Department of Information Technology communications substation and an infrastructure update to the 911 Call Center located at the West Precinct. Appropriations for FAS' CRTI program serve as a pass-through to the requesting departments that are responsible for all project costs with funding coming from their capital and/or operating funds.

- **Fire Facilities and Emergency Response Levy Program** – The 2003 Fire Facilities and Emergency Response Levy Program centered around a nine-year, $167 million property tax levy approved by voters in November 2003. FAS has used levy proceeds, supplemented by other funding sources, to:

  - o Upgrade or replace fire stations and other fire facilities.
  - o Construct a new Emergency Operations Center (EOC) and fire alarm center.
  - o Build new fireboats.
  - o Renovate the Chief Seattle fireboat.

  In 2016, FAS will continue with the construction of two new neighborhood fire stations and the closeout/warranty phase of six other stations. Completed levy projects, including the new EOC, Joint Training Facility and several neighborhood fire stations, are no longer shown in the CIP.

- **North Precinct** – This project completed the land acquisition process for a new North Precinct facility for the Seattle Police Department (SPD). The design and engineering consultant team, which includes the general contractor/construction manager (GC/CM) selected in 2015, continues the facility design and permitting phases in preparation for the start of construction in early 2017. The project will enhance the public safety services provided by the Seattle Police Department and provide additional, needed capacity.

- **Summit Re-Implementation -** The Summit Re-Implementation (SRI) project is a key deliverable of the FinMAP program (described further below). Phase I of the SRI project was completed in August 2015 and identified citywide accounting process changes, and determined the appropriate scope for SRI implementation. Phase I was paid with proceeds from Multipurpose LTGO bond issuances in 2013 and 2014 totaling $12.9 million. Beginning in September 2015, SRI will move into the implementation phase (Phase II) with an operational start date for the reimplementation in January 2018. Business process and system improvements are expected to continue for several more years. SRI will implement a 'Base' implementation scope that has been endorsed by the SRI Steering Committee that will:

  - o Implement PeopleSoft Financials 9.2 – the City's PeopleSoft version has not been upgraded since 2006 and Oracle discontinued support for the product in 2011.
  - o Standardize departments' use of Summit.
  - o Optimize the City's chart of accounts.

- Transition to a project-centric accounting model.
- Re-engineer City business processes and department systems to take advantage of PeopleSoft functionality.

In addition to the base SRI implementation scope, which includes a base level of Procure to Pay (P2P) functionality for departments that use procurement, a limited number of departments will implement the PeopleSoft Financials 9.2 procurement system, referred to as Enhanced P2P. Phase II central project costs are anticipated to be an estimated $71 million, including the direct costs for Enhanced Procure to Pay. Funding for this project will be from a combination of debt service, fund allocations and FAS rate increases. Including the $12.9 million expended for Phase I, the total SRI central project cost is anticipated to be $84 million total. Please see below for information on department costs.

FAS' new CIP project highlights include:

- **Fire Station 31 Expansion** – This project, requested by the Seattle Fire Department (SFD), will design, permit and construct an expansion to three apparatus bays at Fire Station 31 to accommodate the new larger tillered aerial, which is longer than previous ladder trucks. The approximately 2,000-square-foot addition will extend into the existing apron, which is constructed over the existing basement. This will require the structure to extend two stories and trigger a reorganization of the functions below. Additionally, the fire code will require the relocation of the fueling station, which must be five feet from any combustible structure.
- **Fire Station 5 System Replacement and Energy Efficiencies** – The CIP currently funds a seismic and safety upgrade at Fire Station 5, which is located on the waterfront, and costs for the temporary relocation of the fire station vehicles and services. The majority of that funding will be used to structurally tie the pier to the new seawall, upgrade the pier structure and seismically upgrade the building and its connection to the pier. Fire Station 5 was recently identified as a historic landmark and has become an important component in the design of the new waterfront. This project would fund major system replacement to extend the useful life of the building and, in the process, achieve a LEED Gold rating and lower utility costs.
- **Haller Lake Improvements** – The CIP currently funds master plan design work for stormwater drainage improvements at Haller Lake in 2015 and 2016. The CIP proposes to fund the design, permit and construction of that badly needed work over the next two years. The construction will be phased to reflect the complexities of negotiating the scopes and completing this work under and around active tenant operations and structures. Tenant operations are currently not in compliance with stormwater code, and proposed improvements will erect structures and provide stormwater detention to bring these operations into compliance.
- **Seattle City Hall HVAC Improvements** – This project funds HVAC system improvements at Seattle City Hall, including revising system configurations and controls to implement current best practices. This transition to more effective approaches will result in higher efficiencies and better tenant comfort.
- **City Hall and Seattle Municipal Tower Tenant Improvements –** The CIP currently provides funding for predesign, design, and construction services for utilizing the undeveloped space and other adjacent functions in the Downtown Civic Campus. The CIP proposes to fund additional tenant improvements for the downtown civic campus to change the configuration of employees into a more efficient footprint so that as the City personnel grows, the City can avoid external leased space and contain employees within the existing footprint where possible. This project

also funds the reconfiguration of space caused by the vacation of the Law department from the City Hall building.

- **Human Resources Information System (HRIS) Replacement** - This project funds the initial planning for replacement of the enterprise system for the City's payroll processing, human resources and benefits administration, and retirement payroll processing. The replacement requires significant planning, review and evaluation from all stakeholders and will determine options for the scope of replacement. Replacement is needed in the near future as the current vendor is changing its strategy toward a hosted solution.

- **Summit Re-Implementation Department Capital Needs -** In addition to SRI central project costs, FAS is acting as a pass-through capital department for bond proceeds to support expenses to be incurred by non-Utility operating departments. Departments have appropriations in their 2016 Proposed Budget for Summit Re-Implementation costs specific to their department. This includes side-system interfaces, project management and accounting structure re-configuration. Some of these resources are capital and thus are eligible for bond financing. FAS is acting as a conduit for bond proceeds to reimburse non-utility departments for their capital costs. The bond eligible capital costs for non-utility departments are estimated to be about $4.5 million in 2016.

Summary of Upcoming Budget Issues and Challenges

The principal CIP budget issues that FAS faces continue to involve the age and condition of many City-owned buildings, expanding tenants' facility needs, and the age and condition of technology infrastructure in FAS' buildings.

- **Asset Preservation** – The FAS Asset Preservation program, created by Ordinance 121642, dedicates funds derived from space rent each year for the purpose of systems replacement in the 95 City buildings inside and outside of the downtown core. Given the number and condition of the buildings (more than 50 percent of the portfolio is 40 years or older), FAS directs asset preservation funds toward building systems that are in such poor repair they risk shutting down a building, and to address serious regulatory compliance or life/safety conditions.

- **Expanding Needs** – FAS facilities are occupied by a wide variety of City departments, from SPD and SFD to SDOT, SPU and private tenants (e.g., Washington State Patrol, private business firms, etc.). City departments' operations grow with increased population and development, more comprehensive regulations, new initiatives and department reorganizations. Initiatives such as the Waterfront project, Access Seattle and the Seawall project may cause a department's space needs to expand, which in turn drives a demand for reorganization, remodeling, etc. As departments contract and expand, FAS is proposing space plans that enhance the workplace experience for our constituents by harvesting light with lower panels and including height adjustable desks. We are using less space for individuals and creating common and collaborative workspaces where shared ideas and innovative, technology-rich space is available for all. The North Precinct Police Station replacement project stems from a dramatic increase in SPD staffing that has resulted in the need for significantly more space than the existing facility can provide. Work to modernize Fire Station 5 is necessary due to increased operational needs, as well as the need to address current regulatory requirements.

- **Business Technology Information Technology Systems** – FAS currently supports City departments' business objectives by developing, implementing and maintaining business technology systems. FAS supports more than 30 City business units and most of the City's enterprise business systems, including financial management, budget planning, treasury, payroll, human resource information management, purchasing, licensing, tax management and benefits administration. This work and most of its staff will be moving to the City's new IT department next

year, which will be effective in April 2016. A detailed work plan of how this body of work will be managed after the reorganization will be developed in conjunction with the consolidation effort.

- **Human Resources Information System (HRIS) –** HRIS supports the City's payroll processing, human resources and benefits administration and retirement payroll functions. The system, originally implemented in 1995 at a cost of $10 million, has been upgraded six times between 1997 and 2010. The current vendor, ADP, is moving its business strategy toward a hosted solution, which requires the City to either reimplement the system with the existing vendor or select another vendor to replace HRIS and payroll, benefits administration and Employee Self Service systems. The replacement of HRIS requires significant planning, review and evaluation from all stakeholders. The proposed budget of $500,000 assumes planning starts in 2016 with a review of options, including: reimplementing with ADP, contracting with PeopleSoft and evaluation of new technologies for a potential open market RFP. A key component of the 2016 work plan is the development of a strategic roadmap for replacement of HRIS and investment in the City's human capital management (HCM) technologies. Depending on the option selected, costs could range from $15 million to $50 million over a period of six years.

- **Summit Re-Implementation Project** – In 2011, the City of Seattle initiated a financial management and accountability program (FinMAP) to create Citywide financial management policies and standardize use of Summit, the City's financial system, which runs on Oracle's PeopleSoft Financials software program. The City's PeopleSoft version has not been upgraded since 2006 and Oracle discontinued support for the product in 2011. This puts the City at considerable risk, as any major software problem that we cannot resolve internally could potentially leave the City without its core financial management and reporting system. Additionally, inconsistent technology and business practices across departments create risks as the City cannot easily monitor and control capital spending, monitor cross-departmental projects, track funding sources or manage assets. Some of the most important business activities such as procurement, grant management and asset management occur largely outside the financial system, reducing visibility and central control. While implementing a new financial system will be challenging and time consuming, it must be done. Without it, the City will be unable to provide the accountability, transparency and financial information required to adequately serve the public, decision-makers, investors, government accounting boards and bond rating agencies.

Thematic Priorities

FAS' CIP addresses the following priorities:

1) **Investments that Create or Enhance Operational Efficiencies/Effectiveness and Promote Open Government**
FAS is responsible for the operation and maintenance of approximately 3.2 million square feet of building space throughout the city, including police and fire facilities, shops and fleet maintenance facilities, high-rise office space in the civic core, parking garages and some of the City's community-based public service facilities. FAS also maintains Citywide business technology enterprise systems supporting financial management, budget planning, treasury, payroll, human resource information management, purchasing and tax management. FAS' capital investments must improve or enhance the operational capacity of these mission-critical systems and facilities.

By implementing technology solutions that allow or increase the feedback from those who conduct business with the City or use City services, FAS can learn how the systems can be more intuitive or customer-focused. This will create efficiency when deploying future technology solutions, which will also help to provide better and faster responses for public disclosure requests, thereby supporting

the City's commitment to open government. A detailed work plan to manage these systems is expected to come forward after the City's IT consolidation effort.

2) **Asset Preservation**
As authorized in Ordinance 121642, FAS has dedicated annual funding to support the replacement of existing building systems, guided by strict policies to ensure those funds are used exclusively to upgrade and/or replace failing and existing components, such as roofs, windows, structures, electrical capacity, boilers or other systems at the end of their useful lives.

FAS must also maintain the City's enterprise technology systems. The replacement lifecycles and upgrades are evaluated to maximize the useful life of a technology. Maintaining old or unsupported systems is cost prohibitive, hardware may no longer be available and the required software may be incompatible with the existing hardware. Thus, FAS analyzes existing systems to anticipate and plan for the replacement or upgrade of systems at the end of their useful life.

3) **Sustainability**
The City has adopted several sustainability policies which guide FAS, as a building owner, to focus on meeting the energy-efficiency requirements of the Seattle Energy Code, achieve cost-effective measures to reduce energy use and incorporate other sustainable strategies required by regulations. In the future, FAS will also have to address new sustainability efforts, such as "20 by 20" and the "2030 Challenge," by funding projects that are slated to reduce energy use and greenhouse gas emissions to meet sustainability goals.

4) **Race and Social Justice Initiative**
FAS integrates the City's social equity contracting requirements into all aspects of the execution of CIP projects.

5) **Life/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 respond to potential threats to human life and safety, such as mold/lead abatement and other hazardous conditions in building interiors and structural failures, also receive priority.

In addition, managing the security of data within FAS-managed systems allows business to be conducted efficiently and reduces the financial risk and intangible costs associated with loss of sensitive information.

6) **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 of upgrades to fire alarm panels and installation of fire sprinklers when substantial alterations are made in the course of upgrading or modernizing an existing building. Another example is addressing facility improvements required by the ADA, which meet the dual goals of complying with federal requirements and providing equitable access to all.

Project Selection Criteria

Projects to be considered for inclusion in the FAS CIP fit the priority themes above and adhere to the capital and asset preservation policies adopted in Resolution 31203. They typically fall into two categories: projects that create and/or enhance operational effectiveness, or projects that preserve the City's assets. Facilities-related projects that create and/or enhance operational effectiveness are solicited from FAS' tenant departments on an annual basis, internally vetted for timeliness and appropriateness, and evaluated on their own merit. Executive direction is sought for those projects that increase

operational capacity for departments and identify areas of opportunity to consider in the course of planning the City's CIP priorities. Information technology-related projects are developed by FAS staff in collaboration with affected departmental business units, and with input from customers and DoIT's Municipal IT Investment Evaluation review board.

Asset preservation – facility projects are compiled from annually updated asset management data generated by building condition assessments, energy audits, performance metrics and other capital planning studies. FAS' work-management Unifier Asset Management and Preservation System allows various operational work units to collaborate in one place while scheduling and tracking preventative maintenance activities. The system organizes tasks, such as work-order management, facility maintenance, lease management and maintenance of property information. Energy efficiency and resource conservation elements are considered as a subset when compiling project lists. Elements that extend the useful life of improvements, increase tenant comfort and reduce utility bills are integrated into existing projects where feasible. Resource conservation and energy-efficiency projects are ranked based on estimated payback period.

Asset preservation – information technology projects relate to maintaining, upgrading and enhancing software and hardware supporting many of the City's critical enterprise business functions, including financial management, budget planning, treasury, payroll, human resource information management, purchasing, licensing, tax management, constituent relationship management and benefits administration. FAS' Business Technology Division applies the following criteria to potential information technology projects:

- Life/safety issues – Technology solutions that support the lives, safety and health of our residents receive a high priority. The capacity and reliability of the systems allows our emergency responders and the public to take necessary action in a timely manner.
- Create or enhance operational efficiencies/effectiveness – Business Technology collaborates with our business partners so technology solutions provided meet the business partners' objectives.
- Improve security – Managing the security of data and our systems allows business to be conducted efficiently and reduces the financial and intangible costs associated with sensitive information.
- Asset lifecycle management – The replacement lifecycles and upgrades are evaluated to maximize the useful life of a technology. Maintaining old or unsupported systems is cost prohibitive, hardware may no longer be available, and the required software may be incompatible with the existing hardware.
- Meeting regulatory requirements – Technology solutions enable the business partners, City departments, to meet mandated or regulatory compliance issues.

Future Projects/What is on the Horizon

FAS staff will continue to work with our tenants as their operational needs expand and change. City facilities and information technology systems must be reliable, well-maintained and responsive to the needs of operating departments to ensure public safety and the delivery of critical services to the citizens of Seattle.

FAS has several major challenges in the aging infrastructure of our facilities and technology systems, including the need to address major maintenance on the City's 25-year old, 62-story Seattle Municipal Tower.

Although the Fire Facilities and Emergency Response Levy Program is nearing completion, future investments will be required to maintain and improve the City's capital facilities that support public safety, including site acquisition and construction of a new North Precinct facility for the Seattle Police Department.

Investments will also be required to maintain and update citywide business technology enterprise systems supporting financial management, budget planning, treasury, payroll, human resource information management, purchasing and tax management.

City Council Changes to Proposed CIP

Council added a project to the 2016-2021 Adopted CIP to set aside Child Care Bonus Funds for a potential daycare center on the downtown City campus if an eligible location could be found. A feasibility analysis and recommendation will be prepared during 2016. If feasible, this project will increase downtown childcare spaces and support the City of Seattle's gender pay equity, high-quality pre-kindergarten, social justice, and affordability goals

City Council Provisos to the CIP

There were no Council provisos.

Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
ADA Improvements - FAS						**BCL/Program Code:**			**A1ADA**
ADA Improvements - FAS (A1GM901)	449	0	0	0	0	0	0	0	449
ADA Improvements - FAS (A1ADA01)	578	903	0	0	0	0	0	0	1,481
ADA Improvements - FAS	1,027	903	0	0	0	0	0	0	1,930
Asset Preservation - Civic Core						**BCL/Program Code:**			**A1AP1**
Asset Preservation - Civic Center (A1AP101)	3,359	1,129	0	0	0	0	0	0	4,488
Asset Preservation - Civic Core	3,359	1,129	0	0	0	0	0	0	4,488
Asset Preservation - Public Safety Facilities						**BCL/Program Code:**			**A1AP6**
Asset Preservation - Public Safety Facilities (A1AP601)	5,559	1,547	0	0	0	0	0	0	7,105
Asset Preservation - Public Safety Facilities	5,559	1,547	0	0	0	0	0	0	7,105
Asset Preservation - Schedule 1 Facililies						**BCL/Program Code:**			**A1APSCH1**
Asset Preservation - Schedule 1 Facilities (A1APSCH101)	0	3,230	4,411	4,000	4,074	4,176	4,281	4,385	28,557
Asset Preservation - Schedule 1 Facililies	0	3,230	4,411	4,000	4,074	4,176	4,281	4,385	28,557
Asset Preservation - Schedule 2 Facilities						**BCL/Program Code:**			**A1APSCH2**
Asset Preservation - Schedule 2 Facilities (A1APSCH201)	0	2,770	2,981	3,500	3,613	3,703	3,796	3,889	24,252
Asset Preservation - Schedule 2 Facilities	0	2,770	2,981	3,500	3,613	3,703	3,796	3,889	24,252
Asset Preservation - Seattle Municipal Tower						**BCL/Program Code:**			**A1AP2**
Asset Preservation - Seattle Municipal Tower (A1AP201)	21,812	860	0	0	0	0	0	0	22,672
Asset Preservation - Seattle Municipal Tower	21,812	860	0	0	0	0	0	0	22,672
Asset Preservation - Shops and Yards						**BCL/Program Code:**			**A1AP4**
Asset Preservation - Shops and Yards (A1AP401)	3,121	1,639	0	0	0	0	0	0	4,760
Asset Preservation - Shops and Yards	3,121	1,639	0	0	0	0	0	0	4,760
Civic Square						**BCL/Program Code:**			**A1GM5**
Civic Square (A1GM501)	230	1,012	0	0	0	0	0	0	1,242
Civic Square	230	1,012	0	0	0	0	0	0	1,242

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
FAS Oversight - External Projects						**BCL/Program Code:**			**A1EXT**
Energy Efficiency for Municipal Buildings (A1EXT02)	200	1,416	2,313	496	0	0	0	0	4,425
Fire Station 5 Energy Efficiency (A1EXT03)	0	0	500	0	0	0	0	0	500
FAS Oversight - External Projects	200	1,416	2,813	496	0	0	0	0	4,925
Fire Stations - Land Acquisition						**BCL/Program Code:**			**A1FL101**
Fire Stations - Land Acquisition (A1FL101)	22,348	198	0	0	0	0	0	0	22,546
Fire Stations - Land Acquisition	22,348	198	0	0	0	0	0	0	22,546
Garden of Remembrance						**BCL/Program Code:**			**A51647**
Garden of Remembrance (A11452)	327	26	26	27	28	29	29	0	492
Garden of Remembrance	327	26	26	27	28	29	29	0	492
General Government Facilities - Community-Based						**BCL/Program Code:**			**A1GM2**
MOB Repairs (A1GM207)	301	11	0	0	0	0	0	0	312
General Government Facilities - Community-Based	301	11	0	0	0	0	0	0	312
General Government Facilities - General						**BCL/Program Code:**			**A1GM1**
ADA Improvements - Citywide (A1GM902)	316	294	195	145	0	0	0	0	950
Benaroya Capital Project (A1GM1BH)	549	568	0	0	0	0	0	0	1,117
Central Neighborhood Service Center Tenant Improvement (A1GM128)	0	200	0	0	0	0	0	0	200
City Hall and Seattle Municipal Tower Tenant Improvements (A1GM118)	76	1,674	2,262	0	0	0	0	0	4,012
Civic Center Childcare Facility (A1GM180)	0	0	0	1,000	500	0	0	0	1,500
Critical Infrastructure Upgrades: Seattle Municipal Tower (A1GM117)	2,108	192	0	0	0	0	0	0	2,300
Customer Requested Tenant Improvement Program (A1GM105)	19,376	15,201	3,500	3,500	3,500	3,500	3,500	3,500	55,577
FAS: Municipal Energy Efficiency Projects (A1GM199)	1,097	14	0	0	0	0	0	0	1,111

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Seattle City Hall HVAC Improvements (A1GM130)	0	0	400	500	0	0	0	0	900
Seattle Municipal Courts (A1GM129)	0	475	488	0	0	0	0	0	963
Seattle Municipal Tower IDF Infrastructure Upgrades (A1GM127)	0	0	2,500	0	0	0	0	0	2,500
General Government Facilities - General	23,523	18,617	9,345	5,145	4,000	3,500	3,500	3,500	71,130
Information Technology						**BCL/Program Code:**			**A1IT**
Electronic Records Management System (A1IT04)	0	4,500	0	0	0	0	0	0	4,500
Human Resources Information System (HRIS) (A1IT05)	0	0	500	0	0	0	0	0	500
Seattle License Management System Upgrade (A1IT03)	0	200	200	3,000	1,600	0	0	0	5,000
Summit Re-Implementation (A1IT01)	6,926	21,007	28,687	24,037	3,235	0	0	0	83,892
Information Technology	6,926	25,707	29,387	27,037	4,835	0	0	0	93,892
Maintenance Shops and Yards						**BCL/Program Code:**			**A1MSY**
Electric Vehicle Charging Stations for Airport Way Center, Building C (A1MSY02)	0	700	200	0	0	0	0	0	900
Haller Lake Improvements (A1MSY03)	0	350	650	4,500	0	0	0	0	5,500
Maintenance Shops and Yards (A1MSY01)	4,142	280	0	0	0	0	0	0	4,422
Maintenance Shops and Yards	4,142	1,330	850	4,500	0	0	0	0	10,822
Neighborhood Fire Stations						**BCL/Program Code:**			**A1FL1**
Fire Station 11 (A1FL111)	447	1,446	0	0	0	0	0	0	1,892
Fire Station 18 (A1FL118)	1,395	5,215	0	0	0	0	0	0	6,610
Fire Station 20 (A1FL120)	9,460	811	0	0	0	0	0	0	10,271
Fire Station 22 (A1FL122)	528	2,006	3,885	6,611	0	0	0	0	13,029
Fire Station 26 (A1FL126)	768	1,454	0	0	0	0	0	0	2,222
Fire Station 28 (A1FL128)	10,744	1,311	0	0	0	0	0	0	12,055
Fire Station 29 (A1FL129)	271	2,825	0	0	0	0	0	0	3,096
Fire Station 32 (A1FL132)	1,998	9,677	7,004	0	0	0	0	0	18,679

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Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Fire Station Improvement Debt Service (A1FL199)	28,792	1,902	2,388	3,567	4,066	4,068	4,067	4,065	52,915
Neighborhood Fire Stations	54,402	26,646	13,277	10,178	4,066	4,068	4,067	4,065	120,769
Preliminary Engineering						**BCL/Program Code:**			**A1GM4**
Facility Projects Planning (A1GM402)	161	1,189	0	0	0	0	0	0	1,350
Preliminary Engineering	161	1,189	0	0	0	0	0	0	1,350
Public Safety Facilities - Fire						**BCL/Program Code:**			**A1PS2**
Fire Station 31 Expansion (A1PS207)	0	0	450	650	0	0	0	0	1,100
Fire Station 5 (A1PS205)	199	501	2,242	4,566	293	0	0	0	7,801
Fire Station 5 Relocation (A1PS206)	312	2,267	0	0	0	0	0	0	2,579
Public Safety Facilities - Fire	511	2,768	2,692	5,216	293	0	0	0	11,480
Public Safety Facilities - Police						**BCL/Program Code:**			**A1PS1**
Critical Infrastructure Upgrades: Emergency Operations Center / West Precinct (A1PS109)	1,952	348	0	0	0	0	0	0	2,300
East Precinct Parking System Upgrades (A1PS106)	181	84	0	0	0	0	0	0	265
North Precinct (A1PS107)	13,732	3,268	4,000	80,000	55,000	4,000	0	0	160,000
Police Facilities (A1PS101)	2,127	1,064	0	0	0	0	0	0	3,191
West Precinct 911 Comm Center (A1PS108)	46	184	0	0	0	0	0	0	230
Public Safety Facilities - Police	18,039	4,947	4,000	80,000	55,000	4,000	0	0	165,986
Summit Re-Implementation Department Capital Needs						**BCL/Program Code:**			**A1IT1**
Summit Re-Implementation - Department Capital Needs (A1IT06)	0	0	4,487	4,487	0	0	0	0	8,974
Summit Re-Implementation Department Capital Needs	0	0	4,487	4,487	0	0	0	0	8,974
Department Total*:	165,987	95,945	74,270	144,586	75,909	19,476	15,673	15,839	607,685

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

Fund Summary

Fund Name & Code	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
2002B LTGO Capital Project Fund (34700)	696	0	0	0	0	0	0	0	696
2003 Fire Facilities Fund (34440)	27,358	11,702	0	0	0	0	0	0	39,060
2008 Multipurpose LTGO Bond Fund (35200)	8,139	200	0	0	0	0	0	0	8,340
2009 Multipurpose LTGO Bond Fund (35300)	12	0	0	0	0	0	0	0	12
2010 Multipurpose LTGO Bond Fund (35400)	828	0	0	0	0	0	0	0	828
2011 Multipurpose LTGO Bond Fund (35500)	678	14	0	0	0	0	0	0	692
2013 Multipurpose LTGO Bond Fund (35700)	15,101	4,961	0	0	0	0	0	0	20,062
2014 Multipurpose LTGO Bond Fund (36100)	11,542	8,563	0	0	0	0	0	0	20,105
2015 Multipurpose LTGO Bond Fund (36200)	0	6,400	0	0	0	0	0	0	6,400
2016 Multipurpose LTGO Bond Fund (36300)	0	12,500	39,570	0	0	0	0	0	52,070
2017 Multipurpose LTGO Bond Fund (36400)	0	0	500	35,800	0	0	0	0	36,300
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities (00168)	33,851	11,175	7,392	7,500	7,687	7,879	8,077	8,274	91,835
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	43,661	17,466	8,683	5,128	4,359	4,068	4,067	4,065	91,497
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	906	460	576	27	28	29	29	0	2,056
Federal Vice Enforcement Forfeiture (62480)	2,600	0	0	0	0	0	0	0	2,600
Finance and Administrative Services Fund (50300)	19,689	21,476	17,235	14,635	6,735	3,500	3,500	3,500	90,270
Future Bond Funds (99999)	0	0	0	0	1,600	0	0	0	1,600
General Subfund (00100)	419	16	313	1,496	500	0	0	0	2,744
Municipal Civic Center Fund (34200)	506	1,012	0	0	0	0	0	0	1,518
To Be Determined (TBD)	0	0	0	80,000	55,000	4,000	0	0	139,000
Department Total*:	165,987	95,945	74,270	144,586	75,909	19,476	15,673	15,839	607,685

**Amounts in thousands of dollars*

ADA Improvements - Citywide

BCL/Program Name:	General Government Facilities - General	**BCL/Program Code:**	A1GM1
Project Type:	Improved Facility	**Start Date:**	Q1/2012
Project ID:	A1GM902	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project is the appropriation repository for work related to City compliance with the Americans with Disabilities Act (ADA). It also encompasses various centralized ADA program costs, including compliance documentation gathering and tracking.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	316	294	195	145	0	0	0	0	950
Total:	316	294	195	145	0	0	0	0	950
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	316	294	195	145	0	0	0	0	950
Total*:	316	294	195	145	0	0	0	0	950

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

ADA Improvements - FAS

BCL/Program Name:	ADA Improvements - FAS	**BCL/Program Code:**	A1ADA
Project Type:	Improved Facility	**Start Date:**	Q1/2011
Project ID:	A1ADA01	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	In more than one Plan	**Council District:**	
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

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. Work will include, but is not limited to, 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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	578	903	0	0	0	0	0	0	1,481
Total:	578	903	0	0	0	0	0	0	1,481
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	578	903	0	0	0	0	0	0	1,481
Total*:	578	903	0	0	0	0	0	0	1,481

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

Asset Preservation - Civic Center

BCL/Program Name:	Asset Preservation - Civic Core	**BCL/Program Code:**	A1AP1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2005
Project ID:	A1AP101	**End Date:**	ONGOING
Location:	610 Fifth AVE		
Neighborhood Plan:	DUCPG (Downtown Urban Center Planning Group)	**Council District:**	
Neighborhood District:	East District	**Urban Village:**	First Hill

This ongoing project provides for long term preservation and major maintenance to the City's Civic Center facilities: Seattle City Hall and the Justice Center. Typical improvements may include, but are not limited to energy efficiency enhancements through equipment replacement, upgrades to heating, ventilation, air conditioning, and repairs to fire suppression systems. This work ensures the long-term preservation of the operational use of the facilities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Department Space Allocation Charges	3,359	1,129	0	0	0	0	0	0	4,488
Total:	3,359	1,129	0	0	0	0	0	0	4,488
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	3,359	1,129	0	0	0	0	0	0	4,488
Total*:	3,359	1,129	0	0	0	0	0	0	4,488
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities		994	135	0	0	0	0	0	1,129
Total:		994	135	0	0	0	0	0	1,129

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

Asset Preservation - Public Safety Facilities

BCL/Program Name:	Asset Preservation - Public Safety Facilities	**BCL/Program Code:**	A1AP6
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2005
Project ID:	A1AP601	**End Date:**	ONGOING
Location:	Multiple Public Safety facilities		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project provides for long term preservation and major maintenance work at the City's FAS-owned public safety facilities, including the City's fire stations, the Fire Headquarters Building, the City's police precincts, the Harbor Patrol, the Mounted Police facility, the Joint Training Facility, the Emergency Operations and Fire Alarm Center, and the Animal Shelter Typical improvements may include, but are not limited to, roof repairs or replacement, structural assessments and repairs, and equipment replacement. This work ensures the long term preservation and operational use of these facilities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Department Space Allocation Charges	5,559	1,547	0	0	0	0	0	0	7,105
Total:	5,559	1,547	0	0	0	0	0	0	7,105
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	5,559	1,547	0	0	0	0	0	0	7,105
Total*:	5,559	1,547	0	0	0	0	0	0	7,105
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities		1,186	360	0	0	0	0	0	1,547
Total:		1,186	360	0	0	0	0	0	1,547

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

Asset Preservation - Schedule 1 Facilities

BCL/Program Name:	Asset Preservation - Schedule 1 Facililies	**BCL/Program Code:**	A1APSCH1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	A1APSCH101	**End Date:**	ONGOING
Location:	Multiple Downtown City facilities		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This ongoing program provides for long term preservation and major maintenance to the Department of Finance and Administration's schedule 1 facilities. Schedule 1 facilities comprise existing and future office buildings located in downtown Seattle, including but not limited to City Hall, the Seattle Municipal Tower and the Justice Center. Typical improvements may include, but are not limited to, energy efficiency enhancements through equipment replacement, upgrades/repairs to heating/ventilation/air conditioning systems, upgrades/repairs to electrical systems, upgrades/repairs to fire suppression systems, roof repairs or replacement, and structural assessments and repairs. This work ensures the long-term preservation of the operational use of the facilities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Department Space Allocation Charges	0	2,288	1,997	4,000	4,074	4,176	4,281	4,385	25,201
FAS Fund Balance	0	942	2,415	0	0	0	0	0	3,357
Total:	0	3,230	4,411	4,000	4,074	4,176	4,281	4,385	28,557
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	0	3,230	4,411	4,000	4,074	4,176	4,281	4,385	28,557
Total*:	0	3,230	4,411	4,000	4,074	4,176	4,281	4,385	28,557
Spending Plan by Fund									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities		3,074	3,118	5,450	4,074	4,176	4,281	4,385	28,557
Total:		3,074	3,118	5,450	4,074	4,176	4,281	4,385	28,557

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

Asset Preservation - Schedule 2 Facilities

BCL/Program Name:	Asset Preservation - Schedule 2 Facilities	**BCL/Program Code:**	A1APSCH2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	A1APSCH201	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing program provides for long term preservation and major maintenance to the Department of Finance and Administration's schedule 2 facilities. Schedule 2 facilities comprise 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, Finance and Administrative Services shops located at Airport Way S., fire stations, police precincts including the animal shelter, and other FAS managed facilities used for City Services. Typical improvements may include, but are not limited to, energy efficiency enhancements through equipment replacement, upgrades/repairs to heating/ventilation/air conditioning systems, upgrades/repairs to electrical systems, upgrades/repairs to fire suppression systems, roof repairs or replacement, and structural assessments and repairs. This work ensures the long-term preservation of the operational use of the facilities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Department Space Allocation Charges	0	1,962	1,712	3,000	3,613	3,703	3,796	3,889	21,675
FAS Fund Balance	0	808	1,269	500	0	0	0	0	2,577
Total:	0	2,770	2,981	3,500	3,613	3,703	3,796	3,889	24,252
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	0	2,770	2,981	3,500	3,613	3,703	3,796	3,889	24,252
Total*:	0	2,770	2,981	3,500	3,613	3,703	3,796	3,889	24,252
Spending Plan by Fund									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities		2,484	2,607	4,160	3,613	3,703	3,796	3,889	24,252
Total:		2,484	2,607	4,160	3,613	3,703	3,796	3,889	24,252

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

Asset Preservation - Seattle Municipal Tower

BCL/Program Name:	Asset Preservation - Seattle Municipal Tower	**BCL/Program Code:**	A1AP2
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2005
Project ID:	A1AP201	**End Date:**	ONGOING
Location:	700 5th Ave		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This ongoing project provides for major maintenance work to the City's FAS-owned Seattle Municipal Tower (SMT). Typical improvements may include, but are not limited to building exterior repairs, equipment replacement, and repairs to the fire suppression systems. This work ensures the long-term preservation and continued operational use of the building.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Department Space Allocation Charges	21,812	860	0	0	0	0	0	0	22,672
Total:	21,812	860	0	0	0	0	0	0	22,672
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	21,812	860	0	0	0	0	0	0	22,672
Total*:	21,812	860	0	0	0	0	0	0	22,672
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities		332	527	0	0	0	0	0	860
Total:		332	527	0	0	0	0	0	860

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

Asset Preservation - Shops and Yards

BCL/Program Name:	Asset Preservation - Shops and Yards	**BCL/Program Code:**	A1AP4
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2005
Project ID:	A1AP401	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project provides for the long-term preservation and major maintenance of the City's FAS-owned shop and yard complexes, including Charles Street, Haller Lake, Airport Way Center, Sunny Jim, and the West Seattle Maintenance Yard. Typical improvements may include, but are not limited to upgrades to heating, ventilation, air conditioning, equipment replacement, and building exterior repairs. This work ensures the long-term operational use of these facilities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Department Space Allocation Charges	3,121	1,639	0	0	0	0	0	0	4,760
Total:	3,121	1,639	0	0	0	0	0	0	4,760
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	3,121	1,639	0	0	0	0	0	0	4,760
Total*:	3,121	1,639	0	0	0	0	0	0	4,760
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities		994	646	0	0	0	0	0	1,639
Total:		994	646	0	0	0	0	0	1,639

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

Benaroya Capital Project

BCL/Program Name:	General Government Facilities - General	**BCL/Program Code:**	A1GM1
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	A1GM1BH	**End Date:**	Q4/2015
Location:	1301 3rd AVE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project provides resources for the Benaroya Hall capital project including, but not limited to, the Sound System for Taper Auditorium, Dimmer Rack Controls System for Recital Hall, Central Chiller Plant, and Mechanical Mezzanine Heat Exchanger. The City will disburse the funds to Benaroya Hall Music Center (BHMC) based on the 4th amendment to the Lease and Concession Agreement between the City and BHMC. BHMC will reimburse the City via the revised Concession Payment Schedule in Exhibit C to the Amendment.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Obligation Bonds	549	568	0	0	0	0	0	0	1,117
Total:	549	568	0	0	0	0	0	0	1,117
Fund Appropriations/Allocations									
2014 Multipurpose LTGO Bond Fund	549	568	0	0	0	0	0	0	1,117
Total*:	549	568	0	0	0	0	0	0	1,117

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

Central Neighborhood Service Center Tenant Improvement

BCL/Program Name:	General Government Facilities - General	**BCL/Program Code:**	A1GM1
Project Type:	Improved Facility	**Start Date:**	Q1/2015
Project ID:	A1GM128	**End Date:**	Q4/2016
Location:	2301 S Jackson ST		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

The project provides tenant improvements for the Central Neighborhood Service Center including space for utility payment services, passport applications, pet licenses, and informational workshops as well as improved staff space. This project will enhance the ability of the City to deliver services to the community.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	200	0	0	0	0	0	0	200
Total:	0	200	0	0	0	0	0	0	200
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	200	0	0	0	0	0	0	200
Total*:	0	200	0	0	0	0	0	0	200

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

City Hall and Seattle Municipal Tower Tenant Improvements

BCL/Program Name:	General Government Facilities - General	**BCL/Program Code:**	A1GM1
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	A1GM118	**End Date:**	Q4/2017
Location:			
Neighborhood Plan:	Commercial Core	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project provides predesign, design, and construction services for utilizing the undeveloped space and other adjacent functions in the Downtown Civic Campus. Work may include, but is not limited to, working with project sponsors to catalog space and equipment needs, energy efficiency improvements, developing planning options, developing project cost estimates, and construction. Work may also include analysis of how vacated space in other facilities might be utilized for other city uses.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	43	1,208	1,912	0	0	0	0	0	3,163
Property Sales and Interest Earnings-2	0	0	350	0	0	0	0	0	350
General Obligation Bonds	33	466	0	0	0	0	0	0	499
General Obligation Bonds	0	0	0	0	0	0	0	0	0
Total:	76	1,674	2,262	0	0	0	0	0	4,012
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	43	1,208	1,912	0	0	0	0	0	3,163
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	350	0	0	0	0	0	350
2013 Multipurpose LTGO Bond Fund	33	466	0	0	0	0	0	0	499
2014 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
Total*:	76	1,674	2,262	0	0	0	0	0	4,012

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

Civic Center Childcare Facility

BCL/Program Name:	General Government Facilities - General	**BCL/Program Code:**	A1GM1
Project Type:	New Facility	**Start Date:**	Q1/2017
Project ID:	A1GM180	**End Date:**	Q4/2019
Location:			
Neighborhood Plan:	Commercial Core	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project provides predesign, design, and construction services for developing a childcare center in or near the Downtown Civic Campus. Work may include, but is not limited to, working with specialists in childcare facility development and permitting, feasibility analysis, architectural work, developing project cost estimates, and construction. Because project costs and funding sources have not yet been identified, sources and costs are not fully allocated for the project. The Department of Finance and Administrative Services will refine the projects scope and propose project amendments, if needed, in 2016.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Child Care Bonus Funds	0	0	0	1,000	500	0	0	0	1,500
To be determined	0	0	0	0	0	0	0	0	0
Total:	0	0	0	1,000	500	0	0	0	1,500
Fund Appropriations/Allocations									
General Subfund	0	0	0	1,000	500	0	0	0	1,500
Total*:	0	0	0	1,000	500	0	0	0	1,500
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Civic Square

BCL/Program Name:	Civic Square	**BCL/Program Code:**	A1GM5
Project Type:	New Facility	**Start Date:**	Q1/2009
Project ID:	A1GM501	**End Date:**	ONGOING
Location:	600 3rd Ave		
Neighborhood Plan:	DUCPG (Downtown Urban Center Planning Group)	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project provides for the City's project management and consultant costs associated with the City's involvement in the redevelopment of the former Public Safety Building site between James and Cherry Streets and Third and Fourth Avenues, the final project completing the Civic Center Master Plan. The City has contracted to sell the site to Triad Development, which will develop a mixed use complex including office, retail, and residential space as well as public and private parking and a "common" area that will be a public amenity.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Interdepartmental Transfer	230	1,012	0	0	0	0	0	0	1,242
Total:	230	1,012	0	0	0	0	0	0	1,242
Fund Appropriations/Allocations									
Municipal Civic Center Fund	230	1,012	0	0	0	0	0	0	1,242
Total*:	230	1,012	0	0	0	0	0	0	1,242
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Critical Infrastructure Upgrades: Emergency Operations Center / West Precinct

BCL/Program Name:	Public Safety Facilities - Police	**BCL/Program Code:**	A1PS1
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	A1PS109	**End Date:**	Q1/2016
Location:	810 Virginia ST		
Neighborhood Plan:	DUCPG (Downtown Urban Center Planning Group)	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project increases the existing electrical and cooling capacities of the West Precinct data center, provides a separate electrical system at the West Precinct to power and cool the data center during planned power outages, and provides a separate electrical system to power the 48-volt electrical system at the Emergency Operations Center during planned power outages.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Obligation Bonds	1,952	348	0	0	0	0	0	0	2,300
Total:	1,952	348	0	0	0	0	0	0	2,300
Fund Appropriations/Allocations									
2013 Multipurpose LTGO Bond Fund	1,952	348	0	0	0	0	0	0	2,300
Total*:	1,952	348	0	0	0	0	0	0	2,300

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

Critical Infrastructure Upgrades: Seattle Municipal Tower

BCL/Program Name:	General Government Facilities - General	**BCL/Program Code:**	A1GM1
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	A1GM117	**End Date:**	Q1/2016
Location:	700 Fifth AVE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project installs a new uninterruptible power supply (UPS) for the Seattle Municipal Tower building. Work includes but is not limited to build-out of a new UPS room; installation of the new UPS, distribution panels, transformers, conduit, and wire.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Obligation Bonds	2,108	192	0	0	0	0	0	0	2,300
Total:	2,108	192	0	0	0	0	0	0	2,300
Fund Appropriations/Allocations									
2014 Multipurpose LTGO Bond Fund	2,108	192	0	0	0	0	0	0	2,300
Total*:	2,108	192	0	0	0	0	0	0	2,300

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

Customer Requested Tenant Improvement Program

BCL/Program Name:	General Government Facilities - General	**BCL/Program Code:**	A1GM1
Project Type:	Improved Facility	**Start Date:**	ONGOING
Project ID:	A1GM105	**End Date:**	ONGOING
Location:	City owned and leased facilities		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project provides for pass-through budget authority to perform customer-requested tenant improvement work within, but not limited to, facilities that FAS owns and/or manages. FAS has exclusive responsibility to manage all tenant improvement work within Department-owned/managed facilities; all contracts are held and paid by FAS. Typical improvements may include, but are not limited to tenant space remodels, security system upgrades, and equipment replacement.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Interdepartmental Transfer	19,376	15,201	3,500	3,500	3,500	3,500	3,500	3,500	55,577
Total:	19,376	15,201	3,500	3,500	3,500	3,500	3,500	3,500	55,577
Fund Appropriations/Allocations									
Finance and Administrative Services Fund	19,376	15,201	3,500	3,500	3,500	3,500	3,500	3,500	55,577
Total*:	19,376	15,201	3,500	3,500	3,500	3,500	3,500	3,500	55,577
O & M Costs (Savings)			0	0	0	0	0	0	0

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East Precinct Parking System Upgrades

BCL/Program Name:	Public Safety Facilities - Police	**BCL/Program Code:**	A1PS1
Project Type:	Improved Facility	**Start Date:**	Q2/2014
Project ID:	A1PS106	**End Date:**	Q1/2016
Location:	1519 12th AVE		
Neighborhood Plan:	Capitol Hill	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	Capitol Hill

This project provides for the installation of data/infrastrucure improvements for police communications and security equipment at the East Precinct and supports uninterrupted police radio and cell phone coverage and enhanced garage security.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	181	84	0	0	0	0	0	0	265
Total:	181	84	0	0	0	0	0	0	265
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	181	84	0	0	0	0	0	0	265
Total*:	181	84	0	0	0	0	0	0	265

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Electric Vehicle Charging Stations for Airport Way Center, Building C

BCL/Program Name:	Maintenance Shops and Yards	**BCL/Program Code:**	A1MSY
Project Type:	Improved Facility	**Start Date:**	Q1/2015
Project ID:	A1MSY02	**End Date:**	Q4/2016
Location:	2203 Airport WAY S		
Neighborhood Plan:	Duwamish	**Council District:**	2
Neighborhood District:	Greater Duwamish	**Urban Village:**	Duwamish

This project funds the design, permitting, and construction of 50 electric vehicle charging stations in AWC Building C. This project will provide permanent, code-compliant charging stations for the existing fleet of electric vehicles in use by SPD.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	700	200	0	0	0	0	0	900
Total:	0	700	200	0	0	0	0	0	900
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	700	200	0	0	0	0	0	900
Total*:	0	700	200	0	0	0	0	0	900

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Electronic Records Management System

BCL/Program Name:	Information Technology	**BCL/Program Code:**	A1IT
Project Type:	New Investment	**Start Date:**	Q1/2014
Project ID:	A1IT04	**End Date:**	Q4/2015
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project is a multi-year initiative to address a citywide need for an electronic records management system that will manage the retention of electronic records in all formats, provide efficient search and delivery tools for responding to business needs, public records requests and other legal matters, and allow direct online access to records of wide public interest. The project will begin with the replacement of the City's current email archiving system and be followed by additional phases expanding electronic records management capabilities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Obligation Bonds	0	3,000	0	0	0	0	0	0	3,000
General Obligation Bonds	0	1,500	0	0	0	0	0	0	1,500
Total:	0	4,500	0	0	0	0	0	0	4,500
Fund Appropriations/Allocations									
2014 Multipurpose LTGO Bond Fund	0	3,000	0	0	0	0	0	0	3,000
2015 Multipurpose LTGO Bond Fund	0	1,500	0	0	0	0	0	0	1,500
Total*:	0	4,500	0	0	0	0	0	0	4,500

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Energy Efficiency for Municipal Buildings

BCL/Program Name:	FAS Oversight - External Projects	**BCL/Program Code:**	A1EXT
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	A1EXT02	**End Date:**	Q4/2020
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project funds energy efficiency work across City facilities, managed by the Office of Sustainability and Environment, 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 in 2015-2016, 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. This revenue is slated to support future General Subfund appropriation for additional energy conservation activities. Future appropriations of REET and rebate revenue will be based on identification of additional energy efficiency opportunities in subsequent phases of the program.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Subfund	0	16	313	496	0	0	0	0	825
Real Estate Excise Tax I	200	1,400	2,000	0	0	0	0	0	3,600
Total:	200	1,416	2,313	496	0	0	0	0	4,425
Fund Appropriations/Allocations									
General Subfund	0	16	313	496	0	0	0	0	825
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	200	1,400	2,000	0	0	0	0	0	3,600
Total*:	200	1,416	2,313	496	0	0	0	0	4,425
O & M Costs (Savings)			0	0	0	0	0	0	0

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Facility Projects Planning

BCL/Program Name:	Preliminary Engineering	**BCL/Program Code:**	A1GM4
Project Type:	New Investment	**Start Date:**	Q1/2014
Project ID:	A1GM402	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This on-going project funds architectural and engineering services including conceptual planning, design alternative development, and preliminary cost estimating for FAS capital projects and emergent Executive capital initiatives. Typical preliminary design and engineering work includes, but is not limited to, pre-design and analysis of project alternatives, cost estimates, test to fit studies, preliminary schedule development, engineering studies and code compliance, site development planning and conceptual design and financial analysis of capital improvements options in conjunction with FAS and CIP priorities, programs, and initiatives.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	161	1,189	0	0	0	0	0	0	1,350
Total:	161	1,189	0	0	0	0	0	0	1,350
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	161	1,189	0	0	0	0	0	0	1,350
Total*:	161	1,189	0	0	0	0	0	0	1,350
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		1,189	0	0	0	0	0	0	1,189
Total:		1,189	0	0	0	0	0	0	1,189

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FAS: Municipal Energy Efficiency Projects

BCL/Program Name:	General Government Facilities - General	**BCL/Program Code:**	A1GM1
Project Type:	Improved Facility	**Start Date:**	Q1/2011
Project ID:	A1GM199	**End Date:**	Q4/2015
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project provides for investment in more energy efficient building systems and other facility efficiency improvements. By making these investments the City expects future savings in utility and labor costs, and significant progress toward carbon neutrality. This program is intended to fund facility retrofit projects identified by energy audits conducted in 2010 (funded by the City's Energy Efficiency and Conservation Block Grant), and similar projects identified by the department. Depending on project demand and available funding, additional resources may be added in the future. Projects include but are not limited to review of the energy efficiency of a building and upgrades and/or replacement of mechanical equipment and distribution systems, electrical equipment and distribution systems, building envelopes (walls, windows, and roofs), lighting systems, plumbing equipment and distribution systems, and building controls systems.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Obligation Bonds	419	0	0	0	0	0	0	0	419
General Obligation Bonds	678	14	0	0	0	0	0	0	692
Total:	1,097	14	0	0	0	0	0	0	1,111
Fund Appropriations/Allocations									
General Subfund	419	0	0	0	0	0	0	0	419
2011 Multipurpose LTGO Bond Fund	678	14	0	0	0	0	0	0	692
Total*:	1,097	14	0	0	0	0	0	0	1,111

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Fire Station 11

BCL/Program Name:	Neighborhood Fire Stations	**BCL/Program Code:**	A1FL1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q4/2010
Project ID:	A1FL111	**End Date:**	Q3/2016
Location:	1514 SW Holden St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Delridge	**Urban Village:**	Not in an Urban Village

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, provides a seismic and safety upgrade for Fire Station 11 and makes minor functional improvements to the facility. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the Highland Park community.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	99	313	0	0	0	0	0	0	412
Seattle Voter-Approved Levy	308	1,132	0	0	0	0	0	0	1,440
General Obligation Bonds	3	0	0	0	0	0	0	0	3
General Obligation Bonds	12	0	0	0	0	0	0	0	12
General Obligation Bonds	25	0	0	0	0	0	0	0	25
Total:	447	1,446	0	0	0	0	0	0	1,892
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	99	313	0	0	0	0	0	0	412
2003 Fire Facilities Fund	308	1,132	0	0	0	0	0	0	1,440
2008 Multipurpose LTGO Bond Fund	3	0	0	0	0	0	0	0	3
2009 Multipurpose LTGO Bond Fund	12	0	0	0	0	0	0	0	12
2010 Multipurpose LTGO Bond Fund	25	0	0	0	0	0	0	0	25
Total*:	447	1,446	0	0	0	0	0	0	1,892
O & M Costs (Savings)			0	0	0	0	0	0	0

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Fire Station 18

BCL/Program Name:	Neighborhood Fire Stations	**BCL/Program Code:**	A1FL1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2012
Project ID:	A1FL118	**End Date:**	Q1/2017
Location:	1521 NW Market St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	6
Neighborhood District:	Ballard	**Urban Village:**	Ballard

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, provides a seismic and safety upgrade for Fire Station 18 and makes functional improvements to the facility. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the Ballard community.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	163	552	0	0	0	0	0	0	715
Seattle Voter-Approved Levy	864	1,433	0	0	0	0	0	0	2,297
General Obligation Bonds	45	0	0	0	0	0	0	0	45
General Obligation Bonds	324	1,024	0	0	0	0	0	0	1,348
General Obligation Bonds	0	2,205	0	0	0	0	0	0	2,205
General Obligation Bonds	0	0	0	0	0	0	0	0	0
Total:	1,395	5,215	0	0	0	0	0	0	6,610
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	163	552	0	0	0	0	0	0	715
2003 Fire Facilities Fund	864	1,433	0	0	0	0	0	0	2,297
2010 Multipurpose LTGO Bond Fund	45	0	0	0	0	0	0	0	45
2013 Multipurpose LTGO Bond Fund	324	1,024	0	0	0	0	0	0	1,348
2015 Multipurpose LTGO Bond Fund	0	2,205	0	0	0	0	0	0	2,205
2016 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
Total*:	1,395	5,215	0	0	0	0	0	0	6,610
O & M Costs (Savings)			0	0	0	0	0	0	0

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Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	552	0	0	0	0	0	0	552
2003 Fire Facilities Fund	847	586	0	0	0	0	0	1,433
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	1,024	0	0	0	0	0	0	1,024
2015 Multipurpose LTGO Bond Fund	2,205	0	0	0	0	0	0	2,205
2016 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
Total:	4,629	586	0	0	0	0	0	5,215

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Fire Station 20

BCL/Program Name:	Neighborhood Fire Stations	**BCL/Program Code:**	A1FL1
Project Type:	Improved Facility	**Start Date:**	Q3/2010
Project ID:	A1FL120	**End Date:**	Q1/2016
Location:	2800 15th AVE W		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Magnolia/Queen Anne	**Urban Village:**	Not in an Urban Village

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 20 in the Interbay area. The existing Fire Station 20 is seismically vulnerable, and cannot feasibly be renovated to support the full range of modern emergency equipment. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the Interbay and West Queen Anne communities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	732	64	0	0	0	0	0	0	796
Seattle Voter-Approved Levy	3,354	745	0	0	0	0	0	0	4,099
General Obligation Bonds	840	0	0	0	0	0	0	0	840
General Obligation Bonds	751	0	0	0	0	0	0	0	751
General Obligation Bonds	3,783	2	0	0	0	0	0	0	3,785
Total:	9,460	811	0	0	0	0	0	0	10,271
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	732	64	0	0	0	0	0	0	796
2003 Fire Facilities Fund	3,354	745	0	0	0	0	0	0	4,099
2008 Multipurpose LTGO Bond Fund	840	0	0	0	0	0	0	0	840
2010 Multipurpose LTGO Bond Fund	751	0	0	0	0	0	0	0	751
2013 Multipurpose LTGO Bond Fund	3,783	2	0	0	0	0	0	0	3,785
Total*:	9,460	811	0	0	0	0	0	0	10,271
O & M Costs (Savings)			0	0	0	0	0	0	0

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Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	64	0	0	0	0	0	0	64
2003 Fire Facilities Fund	745	0	0	0	0	0	0	745
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	2	0	0	0	0	0	0	2
Total:	811	0	0	0	0	0	0	811

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Fire Station 22

BCL/Program Name:	Neighborhood Fire Stations	**BCL/Program Code:**	A1FL1
Project Type:	Improved Facility	**Start Date:**	Q4/2013
Project ID:	A1FL122	**End Date:**	Q3/2018
Location:	901 E Roanoke St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	East District	**Urban Village:**	Not in an Urban Village

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 22. The existing Fire Station 22 is seismically vulnerable, and cannot feasibly be renovated to support modern emergency equipment. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the Roanoke community.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	1	159	0	0	0	0	0	0	160
Seattle Voter-Approved Levy	408	1,766	0	0	0	0	0	0	2,173
General Obligation Bonds	119	81	0	0	0	0	0	0	200
General Obligation Bonds	0	0	3,885	0	0	0	0	0	3,885
General Obligation Bonds	0	0	0	6,611	0	0	0	0	6,611
Total:	528	2,006	3,885	6,611	0	0	0	0	13,029
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1	159	0	0	0	0	0	0	160
2003 Fire Facilities Fund	408	1,766	0	0	0	0	0	0	2,173
2013 Multipurpose LTGO Bond Fund	119	81	0	0	0	0	0	0	200
2016 Multipurpose LTGO Bond Fund	0	0	3,885	0	0	0	0	0	3,885
2017 Multipurpose LTGO Bond Fund	0	0	0	6,611	0	0	0	0	6,611
Total*:	528	2,006	3,885	6,611	0	0	0	0	13,029
O & M Costs (Savings)			0	0	0	0	0	0	0

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Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	159	0	0	0	0	0	0	159
2003 Fire Facilities Fund	855	840	70	0	0	0	0	1,766
2013 Multipurpose LTGO Bond Fund	81	0	0	0	0	0	0	81
2016 Multipurpose LTGO Bond Fund	0	3,885	0	0	0	0	0	3,885
2017 Multipurpose LTGO Bond Fund	0	0	0	6,611	0	0	0	6,611
Total:	1,095	4,725	70	6,611	0	0	0	12,501

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Fire Station 26

BCL/Program Name:	Neighborhood Fire Stations	**BCL/Program Code:**	A1FL1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q2/2011
Project ID:	A1FL126	**End Date:**	Q3/2016
Location:	800 S Cloverdale St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Greater Duwamish	**Urban Village:**	South Park

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, provides a seismic and safety upgrade for Fire Station 26 and makes minor functional improvements to the facility. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the South Park community.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	245	0	0	0	0	0	0	0	245
Seattle Voter-Approved Levy	396	134	0	0	0	0	0	0	530
General Obligation Bonds	125	2	0	0	0	0	0	0	128
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	2	838	0	0	0	0	0	0	840
General Obligation Bonds	0	480	0	0	0	0	0	0	480
Total:	768	1,454	0	0	0	0	0	0	2,222
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	245	0	0	0	0	0	0	0	245
2003 Fire Facilities Fund	396	134	0	0	0	0	0	0	530
2008 Multipurpose LTGO Bond Fund	125	2	0	0	0	0	0	0	128
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	2	838	0	0	0	0	0	0	840
2015 Multipurpose LTGO Bond Fund	0	480	0	0	0	0	0	0	480
Total*:	768	1,454	0	0	0	0	0	0	2,222
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Fire Station 28

BCL/Program Name:	Neighborhood Fire Stations	**BCL/Program Code:**	A1FL1
Project Type:	Improved Facility	**Start Date:**	Q4/2009
Project ID:	A1FL128	**End Date:**	Q1/2017
Location:	5968 Rainier Ave S		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	2
Neighborhood District:	Southeast	**Urban Village:**	Not in an Urban Village

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 28 and associated facilities on its existing site. The existing building is not seismically sound and is too small to support modern firefighting operations. The project ensures that firefighters will not be hurt in an earthquake and can continue to provide high-quality, modern emergency services to the Rainier Valley community.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	911	0	0	0	0	0	0	0	911
Seattle Voter-Approved Levy	5,169	1,311	0	0	0	0	0	0	6,481
General Obligation Bonds	4,664	0	0	0	0	0	0	0	4,664
Total:	10,744	1,311	0	0	0	0	0	0	12,055
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	911	0	0	0	0	0	0	0	911
2003 Fire Facilities Fund	5,169	1,311	0	0	0	0	0	0	6,481
2008 Multipurpose LTGO Bond Fund	4,664	0	0	0	0	0	0	0	4,664
Total*:	10,744	1,311	0	0	0	0	0	0	12,055
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
2003 Fire Facilities Fund		1,119	192	0	0	0	0	0	1,311
2008 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
Total:		1,119	192	0	0	0	0	0	1,311

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

Fire Station 29

BCL/Program Name:	Neighborhood Fire Stations	**BCL/Program Code:**	A1FL1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q2/2012
Project ID:	A1FL129	**End Date:**	Q1/2017
Location:	2139 Ferry Ave SW		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Southwest	**Urban Village:**	Not in an Urban Village

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, provides a seismic and safety upgrade for Fire Station 29 and makes minor functional improvements to the facility. It also provides temporary quarters for firefighters while the fire station is under construction. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the Admiral District community.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
Seattle Voter-Approved Levy	151	515	0	0	0	0	0	0	666
General Obligation Bonds	6	0	0	0	0	0	0	0	6
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	6	0	0	0	0	0	0	0	6
General Obligation Bonds	107	328	0	0	0	0	0	0	435
General Obligation Bonds	0	1,982	0	0	0	0	0	0	1,982
General Obligation Bonds	0	0	0	0	0	0	0	0	0
Total:	271	2,825	0	0	0	0	0	0	3,096
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
2003 Fire Facilities Fund	151	515	0	0	0	0	0	0	666
2008 Multipurpose LTGO Bond Fund	6	0	0	0	0	0	0	0	6
2009 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2010 Multipurpose LTGO Bond Fund	6	0	0	0	0	0	0	0	6
2013 Multipurpose LTGO Bond Fund	107	328	0	0	0	0	0	0	435
2015 Multipurpose LTGO Bond Fund	0	1,982	0	0	0	0	0	0	1,982
2016 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
Total*:	271	2,825	0	0	0	0	0	0	3,096
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0
2003 Fire Facilities Fund	362	153	0	0	0	0	0	515
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	328	0	0	0	0	0	0	328
2015 Multipurpose LTGO Bond Fund	1,982	0	0	0	0	0	0	1,982
2016 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
Total:	2,672	153	0	0	0	0	0	2,825

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

Fire Station 31 Expansion

BCL/Program Name:	Public Safety Facilities - Fire	**BCL/Program Code:**	A1PS2
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	A1PS207	**End Date:**	Q2/2018
Location:	1319 N Northgate Way		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	5
Neighborhood District:	Northwest	**Urban Village:**	Aurora-Licton

The Seattle Fire Department's new tillered aerials are longer than the previous ladder trucks and do not fit in the apparatus bays at Fire Station 31. This project will design, permit and construct an expansion to three apparatus bays at Fire Station 31 to accommodate the larger tillered aerial. The approximately 2,000-square-foot addition will extend into the existing apron, which is constructed over the existing basement. This will require the structure to extend two stories and trigger a reorganization of the functions below. Additionally, the fire code will require the relocation of the fueling station, which must be five feet from any combustible structure.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	0	450	650	0	0	0	0	1,100
Total:	0	0	450	650	0	0	0	0	1,100
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	450	650	0	0	0	0	1,100
Total*:	0	0	450	650	0	0	0	0	1,100

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Fire Station 32

BCL/Program Name:	Neighborhood Fire Stations	**BCL/Program Code:**	A1FL1
Project Type:	Improved Facility	**Start Date:**	Q4/2010
Project ID:	A1FL132	**End Date:**	Q4/2017
Location:	3715 SW Alaska St		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	1
Neighborhood District:	Southwest	**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 protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the West Seattle community.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	142	4,259	0	0	0	0	0	0	4,401
Seattle Voter-Approved Levy	1,856	4,666	0	0	0	0	0	0	6,521
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	519	0	0	0	0	0	0	519
General Obligation Bonds	0	234	0	0	0	0	0	0	234
General Obligation Bonds	0	0	7,004	0	0	0	0	0	7,004
Total:	1,998	9,677	7,004	0	0	0	0	0	18,679
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	142	4,259	0	0	0	0	0	0	4,401
2003 Fire Facilities Fund	1,856	4,666	0	0	0	0	0	0	6,521
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	519	0	0	0	0	0	0	519
2015 Multipurpose LTGO Bond Fund	0	234	0	0	0	0	0	0	234
2016 Multipurpose LTGO Bond Fund	0	0	7,004	0	0	0	0	0	7,004
Total*:	1,998	9,677	7,004	0	0	0	0	0	18,679
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,774	2,485	0	0	0	0	0	4,259
2003 Fire Facilities Fund	4,311	355	0	0	0	0	0	4,666
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	519	0	0	0	0	0	0	519
2015 Multipurpose LTGO Bond Fund	234	0	0	0	0	0	0	234
2016 Multipurpose LTGO Bond Fund	0	7,004	0	0	0	0	0	7,004
Total:	6,838	9,843	0	0	0	0	0	16,681

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Fire Station 5

BCL/Program Name:	Public Safety Facilities - Fire	**BCL/Program Code:**	A1PS2
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	A1PS205	**End Date:**	Q4/2018
Location:	925 Alaskan WAY		
Neighborhood Plan:	DUCPG (Downtown Urban Center Planning Group)	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project, located on the downtown Seattle waterfront, provides a seismic and safety upgrade for Fire Station 5 and makes minor functional improvements to the facility. The project protects fire fighters in the event of an earthquake and allows them to provide high-quality marine and land-based emergency service.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	199	501	0	266	293	0	0	0	1,259
Interdepartmental Transfer	0	0	242	0	0	0	0	0	242
General Obligation Bonds	0	0	2,000	0	0	0	0	0	2,000
General Obligation Bonds	0	0	0	4,300	0	0	0	0	4,300
Total:	199	501	2,242	4,566	293	0	0	0	7,801
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	199	501	0	266	293	0	0	0	1,259
Finance and Administrative Services Fund	0	0	242	0	0	0	0	0	242
2016 Multipurpose LTGO Bond Fund	0	0	2,000	0	0	0	0	0	2,000
2017 Multipurpose LTGO Bond Fund	0	0	0	4,300	0	0	0	0	4,300
Total*:	199	501	2,242	4,566	293	0	0	0	7,801

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Fire Station 5 Energy Efficiency

BCL/Program Name:	FAS Oversight - External Projects	**BCL/Program Code:**	A1EXT
Project Type:	Improved Facility	**Start Date:**	Q1/2016
Project ID:	A1EXT03	**End Date:**	Q4/2020
Location:	925 Alaskan WAY		
Neighborhood Plan:	Commercial Core	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project funds energy efficiency work towards Fire Station 5. 2016 REET 1 funding of $500K will be reduced from the Energy Efficiency for Municipal Buildings projects to fund this project (discussed and agreed upon at a 8/19 Debt Mtg).

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	0	500	0	0	0	0	0	500
Total:	0	0	500	0	0	0	0	0	500
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	500	0	0	0	0	0	500
Total*:	0	0	500	0	0	0	0	0	500

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Fire Station 5 Relocation

BCL/Program Name:	Public Safety Facilities - Fire	**BCL/Program Code:**	A1PS2
Project Type:	Improved Facility	**Start Date:**	Q1/2014
Project ID:	A1PS206	**End Date:**	Q1/2019
Location:	925 Alaskan WAY		
Neighborhood Plan:	Commercial Core	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project provides for the coordination and costs associated with the relocations made necessary by the City's pier restructuring, seawall construction, viaduct demolition, and waterfront reconstruction projects. These projects will result in the relocation of both land and marine crews to temporary locations.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Interdepartmental Transfer	312	2,267	0	0	0	0	0	0	2,579
Total:	312	2,267	0	0	0	0	0	0	2,579
Fund Appropriations/Allocations									
Finance and Administrative Services Fund	312	2,267	0	0	0	0	0	0	2,579
Total*:	312	2,267	0	0	0	0	0	0	2,579
Spending Plan by Fund									
Finance and Administrative Services Fund		2,267	0	0	0	0	0	0	2,267
Total:		2,267	0	0	0	0	0	0	2,267

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Fire Station Improvement Debt Service

BCL/Program Name:	Neighborhood Fire Stations	**BCL/Program Code:**	A1FL1
Project Type:	Improved Facility	**Start Date:**	Q1/2008
Project ID:	A1FL199	**End Date:**	ONGOING
Location:	City-wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	28,792	1,902	2,388	3,567	4,066	4,068	4,067	4,065	52,915
Total:	28,792	1,902	2,388	3,567	4,066	4,068	4,067	4,065	52,915
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	28,792	1,902	2,388	3,567	4,066	4,068	4,067	4,065	52,915
Total*:	28,792	1,902	2,388	3,567	4,066	4,068	4,067	4,065	52,915
O & M Costs (Savings)			0	0	0	0	0	0	0

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Fire Stations - Land Acquisition

BCL/Program Name:	Fire Stations - Land Acquisition	**BCL/Program Code:**	A1FL101
Project Type:	New Facility	**Start Date:**	Q1/2004
Project ID:	A1FL101	**End Date:**	Q1/2017
Location:	City-wide		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	Not in an Urban Village

This project funds costs associated with land purchases necessary for the neighborhood fire station projects included in the 2003 Fire Facilities and Emergency Response Levy program.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	4,294	0	0	0	0	0	0	0	4,294
Property Sales and Interest Earnings-2	4	0	0	0	0	0	0	0	4
Seattle Voter-Approved Levy	14,852	0	0	0	0	0	0	0	14,852
General Obligation Bonds	696	0	0	0	0	0	0	0	696
General Obligation Bonds	2,502	198	0	0	0	0	0	0	2,700
General Obligation Bonds	0	0	0	0	0	0	0	0	0
Total:	22,348	198	0	0	0	0	0	0	22,546
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	4,294	0	0	0	0	0	0	0	4,294
Cumulative Reserve Subfund - Unrestricted Subaccount	4	0	0	0	0	0	0	0	4
2003 Fire Facilities Fund	14,852	0	0	0	0	0	0	0	14,852
2002B LTGO Capital Project Fund	696	0	0	0	0	0	0	0	696
2008 Multipurpose LTGO Bond Fund	2,502	198	0	0	0	0	0	0	2,700
2016 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
Total*:	22,348	198	0	0	0	0	0	0	22,546
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0
2003 Fire Facilities Fund	0	0	0	0	0	0	0	0
2002B LTGO Capital Project Fund	0	0	0	0	0	0	0	0
2008 Multipurpose LTGO Bond Fund	77	0	121	0	0	0	0	198
Future Bond Funds	0	0	0	0	0	0	0	0
2016 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
Total:	77	0	121	0	0	0	0	198

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Garden of Remembrance

BCL/Program Name:	Garden of Remembrance	**BCL/Program Code:**	A51647
Project Type:	Rehabilitation or Restoration	**Start Date:**	ONGOING
Project ID:	A11452	**End Date:**	ONGOING
Location:	1301 3rd Ave WAY		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

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's CIP for informational purposes only.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Property Sales and Interest Earnings-2	327	26	26	27	28	29	29	0	492
Total:	327	26	26	27	28	29	29	0	492
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	327	26	26	27	28	29	29	0	492
Total*:	327	26	26	27	28	29	29	0	492
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Haller Lake Improvements

BCL/Program Name:	Maintenance Shops and Yards	**BCL/Program Code:**	A1MSY
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2015
Project ID:	A1MSY03	**End Date:**	Q2/2017
Location:	12600 Stone AVE N		
Neighborhood Plan:	Northgate	**Council District:**	5
Neighborhood District:	North	**Urban Village:**	Not in an Urban Village

This project will complete the design and construction for improvements at the Haller Lake complex. Work will include, but is not limited to, architectural and engineering services associated with predesign, programming, design and construction.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	350	150	0	0	0	0	0	500
General Obligation Bonds	0	0	0	4,500	0	0	0	0	4,500
Interfund Loan	0	0	500	0	0	0	0	0	500
Total:	0	350	650	4,500	0	0	0	0	5,500
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	350	150	0	0	0	0	0	500
2017 Multipurpose LTGO Bond Fund	0	0	500	4,500	0	0	0	0	5,000
Total*:	0	350	650	4,500	0	0	0	0	5,500

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Human Resources Information System (HRIS)

BCL/Program Name:	Information Technology	**BCL/Program Code:**	A1IT
Project Type:	New Investment	**Start Date:**	Q1/2016
Project ID:	A1IT05	**End Date:**	Q4/2016
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

HRIS supports the City??s Payroll Processing, Human Resource/Personnel, and Benefits Administration, Retirement functions. The system, originally implemented in 1995 at a cost of $10 million, has been upgraded six times between 1997 and 2010. As the HRIS system is at the end of its life, this request starts a multiyear initiative to address a Citywide need to replace the Human Resources Information Management System (HRIS). FAS requests funding for 2016 to complete an in-depth review and evaluation of the options, systems and cost analysis, requirement building, development of a recommended option and a long-term budget proposal.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
FAS Fund Balance	0	0	500	0	0	0	0	0	500
Total:	0	0	500	0	0	0	0	0	500
Fund Appropriations/Allocations									
Finance and Administrative Services Fund	0	0	500	0	0	0	0	0	500
Total*:	0	0	500	0	0	0	0	0	500

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Maintenance Shops and Yards

BCL/Program Name:	Maintenance Shops and Yards	**BCL/Program Code:**	A1MSY
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q1/2013
Project ID:	A1MSY01	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This program provides funding for multiple capital projects that preserve, improve or enhance the operational capacity of existing FAS-owned and operated facilities. Projects in FAS facilities include, but are not limited to: replacements/enhancements, facility modernizations, rennovations or additions, studies and assessments, and regulatory code compliance upgrades.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	3,642	280	0	0	0	0	0	0	3,922
Miscellaneous Grants or Donations	500	0	0	0	0	0	0	0	500
Total:	4,142	280	0	0	0	0	0	0	4,422
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	3,642	280	0	0	0	0	0	0	3,922
Cumulative Reserve Subfund - Unrestricted Subaccount	500	0	0	0	0	0	0	0	500
Total*:	4,142	280	0	0	0	0	0	0	4,422

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

MOB Repairs

BCL/Program Name:	General Government Facilities - Community-Based	**BCL/Program Code:**	A1GM2
Project Type:	Improved Facility	**Start Date:**	Q1/2013
Project ID:	A1GM207	**End Date:**	ONGOING
Location:			
Neighborhood Plan:	In more than one Plan	**Council District:**	More than one
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This project provides critical, non-roof repairs at five of the City's Mutual and Offsetting Benefit (MOB) buildings. Work includes but is not limited to HVAC replacement and upgrades, electrical system replacement and upgrades, and plumbing replacement and upgrades.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	301	11	0	0	0	0	0	0	312
Total:	301	11	0	0	0	0	0	0	312
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	301	11	0	0	0	0	0	0	312
Total*:	301	11	0	0	0	0	0	0	312

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

North Precinct

BCL/Program Name:	Public Safety Facilities - Police	**BCL/Program Code:**	A1PS1
Project Type:	New Facility	**Start Date:**	Q1/2013
Project ID:	A1PS107	**End Date:**	Q1/2020
Location:	WAY/N 130th ST/Aurora AVE N		
Neighborhood Plan:	In more than one Plan	**Council District:**	5
Neighborhood District:	Northwest	**Urban Village:**	Bitter Lake Village

This project funds the acquisition of a site and the design and construction of a new North Precinct for the Seattle Police Department. This project enhances the public safety services provided by the Seattle Police Department and may include, but is not limited to, site acquisition, and the design and construction of a new facility with an attached multistory parking garage. The new facility may provide, but is not limited to, various support, administrative, and training space for police officers, a community meeting space, and a firing range. Specific funding sources to be determined.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	392	1,608	0	0	0	0	0	0	2,000
To be determined	0	0	0	80,000	55,000	4,000	0	0	139,000
General Obligation Bonds	4,090	160	0	0	0	0	0	0	4,250
General Obligation Bonds	6,650	0	0	0	0	0	0	0	6,650
Miscellaneous Revenues	2,600	0	0	0	0	0	0	0	2,600
General Obligation Bonds	0	0	4,000	0	0	0	0	0	4,000
Interfund Loan	0	1,500	0	0	0	0	0	0	1,500
Total:	13,732	3,268	4,000	80,000	55,000	4,000	0	0	160,000
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	392	1,608	0	0	0	0	0	0	2,000
2013 Multipurpose LTGO Bond Fund	4,090	160	0	0	0	0	0	0	4,250
2014 Multipurpose LTGO Bond Fund	6,650	0	0	0	0	0	0	0	6,650
Federal Vice Enforcement Forfeiture	2,600	0	0	0	0	0	0	0	2,600
2016 Multipurpose LTGO Bond Fund	0	1,500	4,000	0	0	0	0	0	5,500
Total*:	13,732	3,268	4,000	0	0	0	0	0	21,000

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

Police Facilities

BCL/Program Name:	Public Safety Facilities - Police	**BCL/Program Code:**	A1PS1
Project Type:	Rehabilitation or Restoration	**Start Date:**	Q3/2005
Project ID:	A1PS101	**End Date:**	ONGOING
Location:	Various Police facilities		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**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 Mounted Patrol Facility, the Harbor Patrol Facility, and the K-9 Facility. Typical work may include, but is not limited to, upgrades to heating, ventilation, air conditioning upgrades, equipment replacement, siting, pre-design, test-to-fit analyses, and structural assessments and repairs. These improvements support police service by extending the operational life of old police facilities, complying with regulatory requirements, or addressing capacity problems.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	1,821	1,014	0	0	0	0	0	0	2,835
Property Sales and Interest Earnings-2	30	50	0	0	0	0	0	0	80
Property Sales and General Obligation Bonds	276	0	0	0	0	0	0	0	276
Total:	2,127	1,064	0	0	0	0	0	0	3,191
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,821	1,014	0	0	0	0	0	0	2,835
Cumulative Reserve Subfund - Unrestricted Subaccount	30	50	0	0	0	0	0	0	80
Municipal Civic Center Fund	276	0	0	0	0	0	0	0	276
Total*:	2,127	1,064	0	0	0	0	0	0	3,191
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		1,014	0	0	0	0	0	0	1,014
Cumulative Reserve Subfund - Unrestricted Subaccount		50	0	0	0	0	0	0	50
Municipal Civic Center Fund		0	0	0	0	0	0	0	0
Total:		1,064	0	0	0	0	0	0	1,064

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Seattle City Hall HVAC Improvements

BCL/Program Name:	General Government Facilities - General	**BCL/Program Code:**	A1GM1
Project Type:	Improved Facility	**Start Date:**	Q1/2016
Project ID:	A1GM130	**End Date:**	Q2/2018
Location:	600 4th AVE		
Neighborhood Plan:	DUCPG (Downtown Urban Center Planning Group)	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Not in an Urban Village

This project funds Heating Ventilation and Air Conditioning system improvements to Seattle City Hall. These improvements include, but are not limited to, updating the building control system and reconfiguration of existing systems.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	0	400	500	0	0	0	0	900
Total:	0	0	400	500	0	0	0	0	900
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	400	500	0	0	0	0	900
Total*:	0	0	400	500	0	0	0	0	900

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Seattle License Management System Upgrade

BCL/Program Name:	Information Technology	**BCL/Program Code:**	A1IT
Project Type:	New Investment	**Start Date:**	Q1/2015
Project ID:	A1IT03	**End Date:**	Q4/2018
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

The Seattle License Information System (SLIM) manages the issuance and renewal of business licenses and the collection of revenue from fees and taxes. SLIM is now outdated and can no longer adequately meet the needs of expanding business license, tax collection, and enforcement processes and needs to be upgraded. Recommendations for a SLIM replacement will be considered as the Multi-City Business License and Tax Portal project is implemented.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Property Sales and Interest Earnings-2	0	200	200	0	0	0	0	0	400
General Obligation Bonds	0	0	0	0	1,600	0	0	0	1,600
General Obligation Bonds	0	0	0	3,000	0	0	0	0	3,000
Total:	0	200	200	3,000	1,600	0	0	0	5,000
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	200	200	0	0	0	0	0	400
Future Bond Funds	0	0	0	0	1,600	0	0	0	1,600
2017 Multipurpose LTGO Bond Fund	0	0	0	3,000	0	0	0	0	3,000
Total*:	0	200	200	3,000	1,600	0	0	0	5,000

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

Seattle Municipal Courts

BCL/Program Name:	General Government Facilities - General	**BCL/Program Code:**	A1GM1
Project Type:	Improved Facility	**Start Date:**	Q1/2015
Project ID:	A1GM129	**End Date:**	Q4/2018
Location:	600 5th AVE		
Neighborhood Plan:	Commercial Core	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project provides for various facility improvements. Work may include, but is not limited to, space reconfigurations, reconfiguration 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.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Real Estate Excise Tax I	0	475	488	0	0	0	0	0	963
Total:	0	475	488	0	0	0	0	0	963
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	475	488	0	0	0	0	0	963
Total*:	0	475	488	0	0	0	0	0	963

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Seattle Municipal Tower IDF Infrastructure Upgrades

BCL/Program Name:	General Government Facilities - General	**BCL/Program Code:**	A1GM1
Project Type:	Improved Facility	**Start Date:**	Q1/2015
Project ID:	A1GM127	**End Date:**	Q4/2016
Location:	700 Fifth AVE		
Neighborhood Plan:	DUCPG (Downtown Urban Center Planning Group)	**Council District:**	3
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project provides electrical, cooling, and fire separation upgrades for 15 existing Intermediate Distribution Frame (network/telephone) rooms in the Seattle Municipal Tower (SMT). The resultant electrical and cooling capacity increases will allow the systems in the room (telephone, network, security) to be upgraded now (in the case of Voice over IP phones) and in the future. In addition to these capacity infrastructure upgrades, fire separations will be established for the rooms. This project will enhance the reliability of the systems housed in the IDF rooms by improving the infrastructure that serves them and protecting the rooms from potential damage caused by events outside of the rooms. This project is being coordinated with a Department of information Technology upgrade project and may require spending for design work to begin in 2015 in order to meet schedule needs.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Obligation Bonds	0	0	2,500	0	0	0	0	0	2,500
Total:	0	0	2,500	0	0	0	0	0	2,500
Fund Appropriations/Allocations									
2016 Multipurpose LTGO Bond Fund	0	0	2,500	0	0	0	0	0	2,500
Total*:	0	0	2,500	0	0	0	0	0	2,500
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
2016 Multipurpose LTGO Bond Fund		600	1,900	0	0	0	0	0	2,500
Total:		600	1,900	0	0	0	0	0	2,500

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Summit Re-Implementation

BCL/Program Name:	Information Technology	**BCL/Program Code:**	A1IT
Project Type:	New Investment	**Start Date:**	Q3/2013
Project ID:	A1IT01	**End Date:**	Q4/2018
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This Citywide project involves planning and implementing the move of Summit, the City's financial management system, to the most current software release (PeopleSoft Financials 9.2), standardizing financial processes and policies, and implementing additional functionality to enable the City to make more informed financial decisions and meet regulatory obligations. Summit has not been upgraded since 2006 and Oracle discontinued support for the product in 2011.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Interdepartmental Transfer	0	0	12,393	10,775	3,235	0	0	0	26,403
Miscellaneous Revenues	0	4,009	600	360	0	0	0	0	4,969
FAS Fund Balance	0	0	0	0	0	0	0	0	0
General Obligation Bonds	4,692	1,194	0	0	0	0	0	0	5,886
General Obligation Bonds	2,234	4,804	0	0	0	0	0	0	7,038
Interfund Loan	0	11,000	0	0	0	0	0	0	11,000
2016 Multipurpose LTGO Bond Fund	0	0	15,694	0	0	0	0	0	15,694
General Obligation Bonds	0	0	0	12,902	0	0	0	0	12,902
Total:	6,926	21,007	28,687	24,037	3,235	0	0	0	83,892
Fund Appropriations/Allocations									
Finance and Administrative Services Fund	0	4,009	12,993	11,135	3,235	0	0	0	31,372
2013 Multipurpose LTGO Bond Fund	4,692	1,194	0	0	0	0	0	0	5,886
2014 Multipurpose LTGO Bond Fund	2,234	4,804	0	0	0	0	0	0	7,038
2016 Multipurpose LTGO Bond Fund	0	11,000	15,694	0	0	0	0	0	26,694
2017 Multipurpose LTGO Bond Fund	0	0	0	12,902	0	0	0	0	12,902
Total*:	6,926	21,007	28,687	24,037	3,235	0	0	0	83,892

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

Spending Plan by Fund

Finance and Administrative Services Fund	4,009	12,993	11,135	3,235	0	0	0	31,372
2013 Multipurpose LTGO Bond Fund	1,194	0	0	0	0	0	0	1,194
2014 Multipurpose LTGO Bond Fund	4,804	0	0	0	0	0	0	4,804
2016 Multipurpose LTGO Bond Fund	5,305	15,706	5,683	0	0	0	0	26,694
2017 Multipurpose LTGO Bond Fund	0	0	9,135	3,767	0	0	0	12,902
Total:	15,312	28,699	25,953	7,002	0	0	0	76,966

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Summit Re-Implementation - Department Capital Needs

BCL/Program Name:	Summit Re-Implementation Department Capital Needs	**BCL/Program Code:**	A1IT1
Project Type:	New Investment	**Start Date:**	Q1/2016
Project ID:	A1IT06	**End Date:**	Q4/2017
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	Citywide
Neighborhood District:	Not in a Neighborhood District	**Urban Village:**	Not in an Urban Village

This Citywide project is a funding mechanism to reimburse operating departments for capital expenditures they incur during the Summit Re-Implementation project. Capital department-specific costs include modifications to side-systems which interface with the Summit Financial system, project management work within the department to implement the new Summit system, among other capital expenditures. Appropriations for each department are included in their operating budget and include General capital expenditures which will be funded through this project, General operating expenditures and department-funded capital and operating expenditures.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Obligation Bonds	0	0	4,487	0	0	0	0	0	4,487
General Obligation Bonds	0	0	0	4,487	0	0	0	0	4,487
Total:	0	0	4,487	4,487	0	0	0	0	8,974
Fund Appropriations/Allocations									
2016 Multipurpose LTGO Bond Fund	0	0	4,487	0	0	0	0	0	4,487
2017 Multipurpose LTGO Bond Fund	0	0	0	4,487	0	0	0	0	4,487
Total*:	0	0	4,487	4,487	0	0	0	0	8,974
O & M Costs (Savings)			0	0	0	0	0	0	0

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West Precinct 911 Comm Center

BCL/Program Name:	Public Safety Facilities - Police	**BCL/Program Code:**	A1PS1
Project Type:	Improved Facility	**Start Date:**	Q1/2013
Project ID:	A1PS108	**End Date:**	Q1/2016
Location:	810 Virginia St.		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Denny Triangle

This project replaces the access control system at the West Precinct. Work includes but is not limited to removal of the existing access controls, system, line and low voltage electrical work, drywall repair and patching, installation of new access controls.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Miscellaneous Revenues	46	184	0	0	0	0	0	0	230
Total:	46	184	0	0	0	0	0	0	230
Fund Appropriations/Allocations									
Cumulative Reserve Subfund - Unrestricted Subaccount	46	184	0	0	0	0	0	0	230
Total*:	46	184	0	0	0	0	0	0	230

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Information Technology

Overview

The Department of Information Technology (DoIT) provides enterprise grade, scalable, sustainable information technology used by City departments to serve the public, including data, telephone and radio networks, website and internet connections, television channels, data center facilities, servers and storage. DoIT also manages the development of designated projects on behalf of the City, other departments and other regional partners. DoIT's Capital Improvement Program (CIP) supports major maintenance, improvements, replacements and upgrades to the City's existing technology infrastructure and systems, as well as the development and implementation of new capacity and systems.

CIP Revenue Sources

A variety of revenue sources support DoIT's CIP including:

- **Rates/Allocations:** There are multiple services within the department that are allocated based on a percentage of use for the service provided. In addition, services may be billed on a cost basis, like time and materials, quantity of equipment or actual costs. Costs for labor and materials in this category are also billed directly to projects supported by the department. DoIT's adopted CIP also includes some future 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 finance system replacements (Computer-Aided Dispatch System and Records Management System for the police and fire departments) and new capabilities. In some cases, DoIT is the direct recipient of the funds, and in others, DoIT manages grant-funded projects for customers. The use of grant funding for the DoIT CIP is intermittent.

- **Cable Franchise Fees:** DoIT collects cable franchise fees that are set in franchise agreements with the cable providers. Some of this revenue funds the operating and maintenance CIP Program which supports the Seattle Channel. Cable fees provide a minor (less than 1%) portion of DoIT's CIP program.

- **Reserves:** In some instances, DoIT's rates/allocations include the collection of funds that are accumulated and held in a reserve in DoIT's operating fund balance. Currently, this is only done for the 800MHz radio system, although it has been considered in other areas. Expenditures of these reserve funds appear in DoIT's CIP program. Historically, there is a low level of spending for ongoing maintenance, with intermittent large expenditures associated with major replacements and upgrades.

- **Levy:** In the past, DoIT received some CIP funding from a levy for the development, acquisition and installation of the 800 MHz emergency radio communications system. Going forward, the future replacement and upgrade of this county-wide radio system will be funded by the Puget Sound Emergency Radio Network levy. While the City is not a direct recipient of levy funds, some supporting costs incurred by DoIT and expended through the CIP will be reimbursed through levy funds.

2016-2021 CIP

DoIT's 2016-2021 Adopted CIP includes $11.8 million for 2016 with funding from a number of sources including rates to City departments and external partners, cable franchise fees, reserve funds, bonds and grants. DoIT's CIP budget for 2016 includes one new project, the first phase of space planning for the new consolidated IT department—Seattle Information Technology Department (Seattle IT). The adopted CIP focuses on ensuring the continued reliability and operation of the City's technology tools and systems, maintaining technology and data security, improving staff efficiency and effectiveness, and helping make government more accessible, accountable and transparent.

The adopted budget includes funding for a number of major projects and initiatives, including:

- Computing Services Architecture ($2.5 million) funds the major maintenance and regular replacement of server and data storage equipment operated by DoIT on behalf of other City departments.

- Data and Telephone Infrastructure ($2.7 million) funds the maintenance, replacement and upgrades of software and major hardware for the City's data and telephone systems.

- IT Security ($386,000) provides funds to acquire, maintain, replace and upgrade hardware and software for the City's IT security systems. For 2016, a key focus continues to be supporting upgrades and enhancements to various systems to meet the City's enhanced Payment Card Industry Security Standards required by the City's designation as a Level One merchant, which requires demonstrated effective operation of stringent IT security controls.

- Space Planning ($500,000), is a new multi-year project to acquire, renovate and expand space for the new Seattle IT department. The first stage of this project will occur in 2016 with the engagement of the department of Finance and Administrative Services to perform a "Concept Options Test to Fit" study to identify departmental space requirements and present a range of renovation and new development options. The second phase will include the selecting a preferred option, development of a master schedule and execution of the space plan.

- Data Analytics Platform will consolidate and manage data provided by a number of different systems related to police calls, citizen interactions, administrative processes, training and workforce management. $8.0 million of funding for this project was provided through the 2015 third quarter supplemental and will carry forward into 2016.

Thematic Priorities

In addition to supporting Mayoral and Council goals for the City, DoIT uses the priorities adopted by the Mayor's IT Subcabinet (MITS) to drive its work and consequently its operating and CIP budgets. These are:

- ***Successfully complete key Citywide projects in flight.*** Teams comprised of IT staff from across departments are currently working on three large Citywide projects. The projects include the PCI compliance readiness, Next Generation Data Center (NGDC), and Office 365. Completion of these multi-year projects is critical to the development and delivery of future technology projects across departments.

IT structure and governance. In prioritizing structure and governance, MITS asked the Chief Technology Officer to envision a structure for IT service delivery in the City that centralizes common services and defines a model for department-specific needs and to enhance IT governance by empowering the Technology Board, the City's existing governance body, to make decisions that facilitate implementation of MITS' direction. The new organizational and governance structures align decision-making and improve accountability. These structures also consider evolving resourcing and technology delivery models, such as cloud computing.

- ***Security and privacy.*** The City's IT infrastructure and services do not meet the level of security necessary to protect the City from modern threats. The City lacks policies, standards, and procedures that drive the consistent selection and deployment of technology in a secure manner. While security investment and maturity ranges between departments, the City's overall security posture is set by its weakest practices. A key objective of security efforts is the protection of personal and other sensitive data. Specifically, MITS asked the Technology Board and departments to develop plans and begin taking steps to assess the City's IT security risk, harden infrastructure and systems, increase staff awareness, and demonstrate compliance with IT regulatory requirements across the City's IT environment.

- ***Data analytics.*** As a leading technology city, innovative technology solutions present an opportunity for government to operate more efficiently and exceed the public's expectations. Such solutions often rely on predictive analytics, machine learning, or decision-making techniques that rely on quality data from across multiple sources. While the City uses business intelligence tools today, often the data used in analyses is siloed within departments and not always stored in a manner that facilitates analysis. The City needs to develop a platform and service through which departments can stand up data analytics solutions that allow for better informed decision making and service to the public.

- ***Technology and policy analysis.*** In recent years, the City has a mixed track record responding to technology trends and developments. MITS asked the Technology Board to analyze the current technology landscape to both identify gaps between the City's use of technology and innovative organizations and also envision technologies the City should have in place within three to five years. This analysis will also consider gaps in policy that hinder adoption of technologies, put secure use of technology at risk, or lead to uses or implementations inconsistent with our purpose and principles. This work will help guide future investments and CIP requests.

Project Selection Criteria

DoIT uses a multi-step process to identify and prioritize projects for inclusion in their CIP.

STEP 1: Identification of Technology Needs and Opportunities

In this step, needs and opportunities for technology investments are identified. Information is drawn from a number of sources, including:

- The Citywide Enterprise Technology Multi-Year Strategic Plan
- Citywide Technology Roadmaps (updated annually)
- Customer Requirements/Requests

- Asset Replacement Schedules
- Coordination with partners (regional efforts, vendor partners, etc.)
- Special studies including the 2012 IT Efficiencies Study

This step includes development of initial cost estimates and other resource requirements, potential timing and dependencies.

STEP 2: Identification of CIP and Mandatory Projects

In this step, 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 and preservation of long-term infrastructure

Projects which DoIT determines to be non-CIP in nature are moved over for consideration and ranking with other department budget items as part of the normal budget cycle.

Criteria for determining if they are mandatory 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., DoIT manages a regional fiber consortium where the partners contract with DoIT to get work done).

DoIT includes mandatory projects in the adopted CIP budget. Discretionary projects proceed to Step 3.

STEP 3: Prioritization of CIP Appropriate Discretionary Projects:

The projects remaining after Step 2 are then screened to determine if they are a match for DoIT's normal maintenance, upgrade or replacement programs within the CIP. These projects 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. Program managers rate these projects based on criteria tailored to each program and then implement them as annual funding allows.

Larger capital projects, which are best implemented on a stand-alone basis due to the size and complexity of the project, are evaluated and ranked separately based on the following criteria:

- Asset preservation/replacement/maintenance
- Product lifecycles
- Legal requirements/mandates
- Security/risk mitigation
- Reimbursable from other sources (other departments or outside entities, grants, reserves)
- Leveraging opportunities

- Dependencies (on other products, equipment, etc.; also on staff/resource availability/long-term supportability)
- Internal customer demands (including capacity) – including Mayoral/Council/MITS Priority
- External customer demands – residents, businesses, etc.
- External drivers (vendor changes, regional commitments, etc.)
- Efficiency/effectiveness improvements/cost savings
- Key future trend/forward-looking/pro-active

The final result is a list of prioritized large capital projects which DoIT included in its submittal for the adopted CIP budget.

Summary of Upcoming Budget Issues and Challenges

- **Rapid and major changes in technology:** The continued rapid rate of change in technology presents a major challenge for the City. User demands (both internal staff and constituents) around technology continue to grow as available functionality expands exponentially. New technologies provide new solutions and new opportunities, but at the same time they can initially disrupt productivity, require upfront costs, and affect security, privacy, and governance. Vendors regularly stop supporting products the City relies upon, leaving us the choice of spending significant amounts of money to upgrade to supported products or risk running important and critical City functions on unsupported platforms. IT staff need to receive almost continual training to keep their skills current and relevant to the new systems in use by the City.

- **Creation of Seattle IT and the need for rationalization/duplication:** The City has a 15 year history of making technology decisions in the context of individual departments, without referencing or considering efficiencies or the costs to the City as a whole. Many systems in the City perform the same or similar functions, which results not only in higher upfront costs but duplicative, more expensive ongoing maintenance and operations. The new Seattle IT will give careful consideration to how the City drives efficiency by designing common architectures and systems to meet the needs of multiple departments. This will require investment in application and architecture rationalization and modernization projects.

- **Consistency**: The City should strive to offer a consistent and connected experience across its web, mobile and customer service hotlines. Regardless of which medium a user selects, they should be able to submit and see the status of service requests, find City resources, and connect with their elected officials with one set of authentication credentials. Achieving this vision will require departments to agree to a common data and enterprise architecture for customer service solutions. It will also require departments to assess their customer-facing processes and potentially make modifications to incorporate touch points with the City's common architecture and customer service processes. Similarly, making City services available across multiple platforms and in multiple languages will require departments to agree to implement key standards for website and application development.

- **Security and Privacy:** The security risks associated with technology continue to grow - the variety of threats from mobile devices, social media, compromised web sites and other sources continues to multiply. Cloud services like Office 365 and the increased use

of mobile devices offer a new set of security-related challenges. At the same time, the City collects and uses a vast and expanding amount of data on a regular basis. Some of this data contains personally identifiable information or may otherwise pose a privacy concern if exposed or if used in a manner inconsistent with public expectations. Emphasis is shifting away from end-point security to risk management of critical assets and assurance of identity. Preventive controls are no longer reliable, requiring a greater emphasis on the ability to locate and quickly remediate compromised technology.

Future Projects

DoIT has identified several initiatives/issues that are on the horizon and will need to be addressed at some future point.

- **End user computing**: The traditional IT end user environment in the workplace consisting of desktops and laptops is eroding, as is the associated historic support model for that equipment. Users want to bring and use their own devices to the workplace, leading to new security challenges and requirements. More work is being done on smart phones and tablets, and using wireless communications. PCs are becoming more like mobile devices. The rate of change in operating systems, applications, and browsers is accelerating, requiring the City to be able to operate in a hybrid/mixed environment. The need is increasing for both a virtual desktop and virtual application infrastructure that users, no matter what their device (desktop, laptop, tablet, smartphone, city-owned or personally-owned,) or where they are (in-the-office or in-the-field), can access and use all the systems and tools required to do their job. Adapting to these changes and meeting these needs is going to require new investments in these areas, as well as the IT security, governance, and compliance programs that support effective end user computing.

- **Long term major upgrades to the regional radio system:** The City is part of a regional public safety radio system. The current technology platform is approaching phased obsolescence and needs to be replaced or upgraded in the next few years. The four co-owners of the existing system, including Seattle and King County, are working together to implement a replacement radio system. Voters approved a levy to fund this important initiative in spring 2015 and the 12 participating jurisdictions adopted a formal governance structure for the effort. The selected system vendor has been given official notice to proceed and work is beginning. In addition, discussions are underway regarding the long-term governance and operational support for the new system once it comes on line. As part of that effort, DoIT will be identifying and planning for the potential impacts on the City. The current CIP includes some preliminary estimates on anticipated financial impacts in the 2018 fiscal year. However, it does not reflect the results of any potential changes related to the future governance or operation of this system.

- **Infrastructure/software/systems which require replacement/upgrades:** DoIT'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, it does not have enough funds to cover larger value, more intermittent replacements.

- **Make Seattle a national municipal leader in championing technology access and affordability for all the people of our city:** The internet, and the access to the information and services it provides, is responsible for economic growth, job creation, education, and a better way for life. But the internet only creates value for people if

everyone has choices for equal and affordable access, and the digital literacy to use that access effectively. DoIT will be reviewing past technology access initiatives, such as those delivered via libraries and community centers to understand if they have led to increases in access and affordability. Using this knowledge, DoIT will develop an investment strategy to further increase the digital access and literacy.

City Council Changes to Proposed CIP

There are no Council changes to the Proposed CIP.

City Council Provisos to the CIP

There are no Council provisos.

Project Summary

BCL/Program Name Project Title & ID	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
Business Office						**BCL/Program Code:**			**D1100**
Data Analytics Platform - Seattle Police Department (D102TR005)	0	8,000	0	0	0	0	0	0	8,000
Next Generation Data Center (D102TC007)	3,496	37,848	0	0	0	0	21,646	6,109	69,099
Space Planning (D102TC032)	0	0	500	0	0	0	0	0	500
Technology Management Tools (D102TC015)	0	2,800	408	422	435	445	3,336	465	8,311
Business Office	3,496	48,648	908	422	435	445	24,982	6,574	85,910
Digital Engagement						**BCL/Program Code:**			**D4400**
Seattle Channel Maintenance and Upgrade (D404EC001)	1,404	402	466	370	381	391	399	408	4,221
Digital Engagement	1,404	402	466	370	381	391	399	408	4,221
Engineering and Operations						**BCL/Program Code:**			**D3300**
800 MHz Radio Network Program (D3RNRS)	15,467	2,623	586	606	4,625	640	654	669	25,870
Alternate Data Center (D301AR001)	1,169	0	65	194	720	0	0	74	2,222
Computing Services Architecture (D300CSARC)	9,880	2,973	2,549	2,447	2,525	3,823	2,688	2,769	29,654
Data and Telephone Infrastructure (COMMINFRA)	19,299	3,888	2,662	3,255	2,796	2,874	2,948	3,025	40,747
Enterprise Computing (D301CS001)	3,469	3,175	526	0	0	2,525	1,353	600	11,648
Fiber-Optic Communication Installation and Maintenance (FIBER)	26,375	3,588	3,765	3,896	4,013	4,114	4,204	4,297	54,252
Engineering and Operations	75,659	16,247	10,153	10,398	14,679	13,976	11,847	11,434	164,393
Leadership, Planning and Security						**BCL/Program Code:**			**D2200**
IT Security (D202TC001)	112	415	386	232	247	328	381	342	2,443
Leadership, Planning and Security	112	415	386	232	247	328	381	342	2,443
Department Total*:	80,671	65,712	11,913	11,422	15,742	15,140	37,609	18,758	256,967

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

Fund Summary

Fund Name & Code	LTD Actuals	2015	2016	2017	2018	2019	2020	2021	Total
General Subfund (00100)	0	8,000	0	0	0	0	0	0	8,000
Information Technology Fund (50410)	80,671	57,712	11,913	11,422	15,742	15,140	37,609	18,758	248,967
Department Total*:	80,671	65,712	11,913	11,422	15,742	15,140	37,609	18,758	256,967

**Amounts in thousands of dollars*

800 MHz Radio Network Program

BCL/Program Name:	Engineering and Operations	**BCL/Program Code:**	D3300
Project Type:	New Investment	**Start Date:**	Q1/2009
Project ID:	D3RNRS	**End Date:**	ONGOING
Location:	700 5th Ave / Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project funds the upgrades and replacement of software and hardware for the City of Seattle's portion of the King County Regional 800 MHz radio system. The 800 MHz radio system provides the communication infrastructure required for public safety operations such as 911, Medic One, Fire and Police.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Internal Service Fees and Allocations, Outside Funding Partners	15,467	2,623	586	606	4,625	640	654	669	25,870
Total:	15,467	2,623	586	606	4,625	640	654	669	25,870
Fund Appropriations/Allocations									
Information Technology Fund	15,467	2,623	586	606	4,625	640	654	669	25,870
Total*:	15,467	2,623	586	606	4,625	640	654	669	25,870
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Information Technology Fund		2,007	1,201	606	4,625	640	654	669	10,402
Total:		2,007	1,201	606	4,625	640	654	669	10,402

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

Alternate Data Center

BCL/Program Name:	Engineering and Operations	**BCL/Program Code:**	D3300
Project Type:	New Investment	**Start Date:**	Q1/2008
Project ID:	D301AR001	**End Date:**	ONGOING
Location:	700 5th AVE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project supports enhancements to and expansion of the City's Alternate Data Center and will be combined with the Next Generation Data Center project in the 2017 Proposed CIP.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Internal Service Fees and Allocations, Outside Funding Partners	1,169	0	65	194	720	0	0	74	2,222
Total:	1,169	0	65	194	720	0	0	74	2,222
Fund Appropriations/Allocations									
Information Technology Fund	1,169	0	65	194	720	0	0	74	2,222
Total*:	1,169	0	65	194	720	0	0	74	2,222
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Computing Services Architecture

BCL/Program Name:	Engineering and Operations	**BCL/Program Code:**	D3300
Project Type:	New Investment	**Start Date:**	Q1/2008
Project ID:	D300CSARC	**End Date:**	ONGOING
Location:	700 5th AVE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This ongoing project funds the regular replacement of server, data storage equipment and data center facilities operated on behalf of City departments by DoIT's computing services group.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
To be determined	0	0	0	0	0	1,218	0	0	1,218
Internal Service Fees and Allocations, Outside Funding Partners	9,009	2,844	2,549	2,447	2,525	2,605	2,688	2,769	27,436
2014 Multipurpose LTGO Bond Fund	871	129	0	0	0	0	0	0	1,000
Total:	9,880	2,973	2,549	2,447	2,525	3,823	2,688	2,769	29,654
Fund Appropriations/Allocations									
Information Technology Fund	9,880	2,973	2,549	2,447	2,525	3,823	2,688	2,769	29,654
Total*:	9,880	2,973	2,549	2,447	2,525	3,823	2,688	2,769	29,654
O & M Costs (Savings)			0	0	0	0	0	0	0

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Data Analytics Platform - Seattle Police Department

BCL/Program Name:	Business Office	**BCL/Program Code:**	D1100
Project Type:	New Investment	**Start Date:**	
Project ID:	D102TR005	**End Date:**	
Location:			
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project provides funding for a Data Analytics Platform (DAP) in the Seattle Police Department to consolidate and manage data provided by a variety of systems related to police calls and incidents, citizen interactions, administrative processes, training and workforce management. This project will satisfy the requirements of the Settlement Agreement with the Department of Justice.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
General Subfund Revenues	0	8,000	0	0	0	0	0	0	8,000
Total:	0	8,000	0	0	0	0	0	0	8,000
Fund Appropriations/Allocations									
General Subfund	0	8,000	0	0	0	0	0	0	8,000
Total*:	0	8,000	0	0	0	0	0	0	8,000
Spending Plan by Fund									
General Subfund		2,700	5,300	0	0	0	0	0	8,000
Total:		2,700	5,300	0	0	0	0	0	8,000

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

Data and Telephone Infrastructure

BCL/Program Name:	Engineering and Operations	**BCL/Program Code:**	D3300
Project Type:	New Investment	**Start Date:**	Q1/2004
Project ID:	COMMINFRA	**End Date:**	ONGOING
Location:	700 5th Ave/Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This ongoing project provides funds to maintain, replace, and upgrade software and major hardware for the City's data and telephone switching systems.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
To be determined	0	0	0	585	0	0	0	0	585
General Obligation Bonds	1,400	0	0	0	0	0	0	0	1,400
Internal Service Fees and Allocations, Outside Funding Partners	17,899	3,888	2,662	2,670	2,796	2,874	2,948	3,025	38,762
Total:	19,299	3,888	2,662	3,255	2,796	2,874	2,948	3,025	40,747
Fund Appropriations/Allocations									
Information Technology Fund	19,299	3,888	2,662	3,255	2,796	2,874	2,948	3,025	40,747
Total*:	19,299	3,888	2,662	3,255	2,796	2,874	2,948	3,025	40,747
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Information Technology Fund		3,504	3,346	3,255	2,796	2,874	2,948	3,025	21,748
Total:		3,504	3,346	3,255	2,796	2,874	2,948	3,025	21,748

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Enterprise Computing

BCL/Program Name:	Engineering and Operations	**BCL/Program Code:**	D3300
Project Type:	New Investment	**Start Date:**	Q2/2008
Project ID:	D301CS001	**End Date:**	ONGOING
Location:	700 5th AVE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This ongoing project provides for expansion and replacement of the City's enterprise class server, enterprise class storage and mid-range class storage. The enterprise class server environment runs critical application software for finance and accounting, personnel, customer service and billing, and municipal court systems.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
To be determined	0	0	0	0	0	2,525	1,353	0	3,878
General Obligation Bonds	2,900	0	0	0	0	0	0	0	2,900
Internal Service Fees and Allocations, Outside Funding Partners	399	0	526	0	0	0	0	600	1,525
2014 Multipurpose LTGO Bond Fund	170	2,000	0	0	0	0	0	0	2,170
2015 Multipurpose LTGO Bond Fund	0	1,175	0	0	0	0	0	0	1,175
Total:	3,469	3,175	526	0	0	2,525	1,353	600	11,648
Fund Appropriations/Allocations									
Information Technology Fund	3,469	3,175	526	0	0	2,525	1,353	600	11,648
Total*:	3,469	3,175	526	0	0	2,525	1,353	600	11,648
O & M Costs (Savings)			0	0	0	0	0	0	0

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Fiber-Optic Communication Installation and Maintenance

BCL/Program Name:	Engineering and Operations	**BCL/Program Code:**	D3300
Project Type:	New Investment	**Start Date:**	Q1/2009
Project ID:	FIBER	**End Date:**	ONGOING
Location:	Various Locations		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	In more than one District	**Urban Village:**	In more than one Urban Village

This ongoing project provides for the installation and maintenance of a high-speed fiber-optic communication network for the City and its external fiber partners. The fiber network includes, but is not limited to, sites such as libraries, public schools, fire and police stations, community centers, and other City facilities.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Internal Service Fees and Allocations, Outside Funding Partners	26,375	3,588	3,765	3,896	4,013	4,114	4,204	4,297	54,252
Total:	26,375	3,588	3,765	3,896	4,013	4,114	4,204	4,297	54,252
Fund Appropriations/Allocations									
Information Technology Fund	26,375	3,588	3,765	3,896	4,013	4,114	4,204	4,297	54,252
Total*:	26,375	3,588	3,765	3,896	4,013	4,114	4,204	4,297	54,252
O & M Costs (Savings)			0	0	0	0	0	0	0

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IT Security

BCL/Program Name:	Leadership, Planning and Security	**BCL/Program Code:**	D2200
Project Type:	New Investment	**Start Date:**	Q1/2004
Project ID:	D202TC001	**End Date:**	ONGOING
Location:	700 5th AVE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This ongoing project provides funds to acquire, maintain, replace and upgrade software and hardware for the City's IT security systems. Additional investments will be made in 2015-2016 to upgrade and enhance various IT security systems and ensure the City's ability to comply with new, higher level Payment Card Industry Data Security Standards.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Internal Service Fees and Allocations, Outside Funding Partners	112	415	386	232	247	328	381	342	2,443
Total:	112	415	386	232	247	328	381	342	2,443
Fund Appropriations/Allocations									
Information Technology Fund	112	415	386	232	247	328	381	342	2,443
Total*:	112	415	386	232	247	328	381	342	2,443
O & M Costs (Savings)			0	0	0	0	0	0	0

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Next Generation Data Center

BCL/Program Name:	Business Office	**BCL/Program Code:**	D1100
Project Type:	New Investment	**Start Date:**	Q1/2013
Project ID:	D102TC007	**End Date:**	Q3/2016
Location:	700 5th Ave / Various		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project provides a multi-year plan to upgrade and replace the City's existing data center environments. The project will replace aging data center facility systems with more efficient environments that provide increased resilience, maintainability and disaster recovery/business continuity to the City's information technology systems.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
To be determined	0	0	0	0	0	0	21,646	6,109	27,755
Internal Service Fees and Allocations, Outside Funding Partners	4	5,229	0	0	0	0	0	0	5,233
2013 Multipurpose LTGO Bond Fund	2,625	0	0	0	0	0	0	0	2,625
2014 Multipurpose LTGO Bond Fund	867	25,332	0	0	0	0	0	0	26,199
2015 Multipurpose LTGO Bond Fund	0	7,287	0	0	0	0	0	0	7,287
Total:	3,496	37,848	0	0	0	0	21,646	6,109	69,099
Fund Appropriations/Allocations									
Information Technology Fund	3,496	37,848	0	0	0	0	21,646	6,109	69,099
Total*:	3,496	37,848	0	0	0	0	21,646	6,109	69,099
O & M Costs (Savings)			0	0	0	0	0	0	0
Spending Plan by Fund									
Information Technology Fund		35,749	2,100	0	0	0	21,646	6,109	65,604
Total:		35,749	2,100	0	0	0	21,646	6,109	65,604

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Seattle Channel Maintenance and Upgrade

BCL/Program Name:	Digital Engagement	**BCL/Program Code:**	D4400
Project Type:	New Investment	**Start Date:**	Q4/2008
Project ID:	D404EC001	**End Date:**	ONGOING
Location:	600 4th AVE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This ongoing project provides funds to maintain, replace, and upgrade the cablecasting and production systems for the Seattle Channel. This includes replacement of the channel's remaining analog equipment with digital ready gear and replacement of equipment that has reached the end of its useful life.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Internal Service Fees and Allocations, Outside Funding Partners	1,404	402	466	370	381	391	399	408	4,221
Total:	1,404	402	466	370	381	391	399	408	4,221
Fund Appropriations/Allocations									
Information Technology Fund	1,404	402	466	370	381	391	399	408	4,221
Total*:	1,404	402	466	370	381	391	399	408	4,221
O & M Costs (Savings)			0	0	0	0	0	0	0

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

Space Planning

BCL/Program Name:	Business Office	**BCL/Program Code:**	D1100
Project Type:	Improved Facility	**Start Date:**	Q1/2016
Project ID:	D102TC032	**End Date:**	ONGOING
Location:	600 5th AVE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	7
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This project begins a multi-year CIP program to acquire, renovate, and expand space for DoIT and a new consolidated City IT department--Seattle Information Technology Department. The first phase will be to engage FAS to perform a“Concept Options Test to Fit” study to identify space requirements and provide a range of building and renovation options. The second phase would begin with the selection of the option(s), followed by the development of a schedule and execution.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
Internal Service Fees and Allocations, Outside Funding Partners	0	0	500	0	0	0	0	0	500
Total:	0	0	500	0	0	0	0	0	500
Fund Appropriations/Allocations									
Information Technology Fund	0	0	500	0	0	0	0	0	500
Total*:	0	0	500	0	0	0	0	0	500

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

Technology Management Tools

BCL/Program Name:	Business Office	**BCL/Program Code:**	D1100
Project Type:	New Investment	**Start Date:**	Q1/2014
Project ID:	D102TC015	**End Date:**	Q4/2015
Location:	700 5th AVE		
Neighborhood Plan:	Not in a Neighborhood Plan	**Council District:**	3
Neighborhood District:	Downtown	**Urban Village:**	Commercial Core

This ongoing project provides funds to acquire, maintain, replace, and upgrade software tools to manage the City's technology systems. In 2015, this project will focus on replacing the City's existing and obsolete Incident Management and Change Management Systems with an IT Service Management Tools Suite that will provide a wide range of integrated tools. Ongoing maintenance and upgrades for these tools will be funded in this program.

	LTD Actuals	2015 Rev	2016	2017	2018	2019	2020	2021	Total
Revenue Sources									
To be determined	0	0	0	0	0	0	2,881	0	2,881
Internal Service Fees and Allocations, Outside Funding Partners	0	300	408	422	435	445	455	465	2,930
2015 Multipurpose LTGO Bond Fund	0	2,500	0	0	0	0	0	0	2,500
Total:	0	2,800	408	422	435	445	3,336	465	8,311
Fund Appropriations/Allocations									
Information Technology Fund	0	2,800	408	422	435	445	3,336	465	8,311
Total*:	0	2,800	408	422	435	445	3,336	465	8,311
O & M Costs (Savings)			0	0	0	0	0	0	0

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

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
K730145	12th Avenue Square Park Development - 2008 Parks Levy (formerly East James Court)	This project will add 7,332 square foot of pedestrian friendly space to Seattle Parks.	0	12th AVE/E James CT
K730176	14th Avenue NW Park Boulevard Development (NW 58th to NW 62nd)	This project will provide 17,000 square feet of pedestrian and environmentally-friendly amenities such as swales, natural landscaping, and benches.	0	E 14th AVE NW/NW 58th ST/NW 62nd ST
K730309	Activating and Connecting to Greenways	This project will increase the number of miles of safe pedestrian routes for all ages.	200	Citywide
K73484	Belltown Neighborhood Center	This project will provide approximately 6,000 square feet of leased space on an ongoing basis to accommodate community gatherings in the Belltown area.	0	2407 1st Ave
K732480	Bryant Site Development	This project will increase the waterfront parkland in Seattle by 3.9 acres.	0	1101 NE Boat ST
K730308	Develop 14 New Parks at Land-Banked Sites	This project will add 14 developed parks for active recreation to help meet the City's parks and open space goals.	4,998	Citywide
K730139	Donations- Green Space	This project will acquire various new properties.	0	Citywide
K730148	East John Street Open Space Development	This project adds green, environmentally sensitive improvements in an existing park.	0	Summit AVE E/E John ST
K732391	Golf Master Plan Implementation	This project includes new driving ranges, building replacements, perimeter trails and cart paths.	0	Citywide
K730011	Green Space Acquisitions- 2008 Parks Levy	This project will acquire various new properties.	0	Citywide
K730091	Hing Hay Park Development	This project adds .31 acres of parkland to an existing neighborhood park.	0	423 Maynard AVE S
K730100	Marra-Desimone Park Development	This project will provide community and recreation space to the 8.7 acre site.	0	9026 4th AVE S
K730010	Neighborhood Park Acquisitions- 2008 Parks Levy	This project will acquire various new properties.	0	Multiple Locations
K730040	Opportunity Fund Acquisitions- 2008 Parks Levy	This project will acquire various new properties.	0	Citywide
K730306	Park Land Acquisition and Leverage Fund	This project will add acreage to Seattle's total park land acreage.	2,000	Citywide
K730155	Troll's Knoll (Aurora Avenue N. and N 36th St.) Park Development	This project adds 1.75 acres of sustainable park space.	0	Aurora AVE N/N 36th ST/N 36TH ST

**Amounts in thousands of dollars*

Department of Parks and Recreation

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
K730115	Victor Steinbrueck Park Renovation	Capacity will depend on the project scope that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	0	2001 Western AVE
K730132	Washington Park Arboretum Improvements- 2008 Parks Levy	This project renovates park areas with new horticultural displays and trails.	0	2300 Arboretum DR E

Seattle Department of Transportation

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
TC367420	23rd Avenue Corridor Improvements	This project will install road improvements and improve the efficiency of Seattle's transportation network and of the regional transit network.	11,162	23rd AVE S/E John ST/Rainier AVE S
TC367370	3rd Avenue Corridor Improvements	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	5,426	3rd AVE/S Jackson ST/Denny WAY
TC367330	Alaskan Way Main Corridor	The program will construct a new Alaskan Way surface street and public space.	40,050	Various
TC366050	Alaskan Way Viaduct Replacement	This project funds the City's involvement in the replacement of the Alaskan Way Viaduct and Seawall.	0	ALASKAN WY VI SB/BATTERY ST TUN OFF RP
TC367220	Aurora Rapid Ride Improvements	This project implements improvements for transit speed, reliability, access and convenience, consistent with the Transit Master Plan.	2	Various
TC367390	Ballard to Downtown High Capacity Transit and Ship Canal Crossing Project	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network	0	Downtown Ballard/Downtown Seattle
TC366760	Bike Master Plan Implementation	This program will install bike lanes and bicycle route signing, and complete links or reconstruct key sections of urban trails in order to increase bicycle safety and access.	9,250	Citywide
TC367690	Bike Share Expansion	Expand the bikeshare system to 250 stations with 2,500 bikes.	5,000	Citywide
TC367240	Broadway Streetcar Extension	This project will build a half-mile streetcar line.	1,065	Broadway E/E Denny Way/E Roy ST

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
TC364830	Burke-Gilman Trail Extension	This project will construct three miles of new multi-use trail.	0	Various
TC367070	Cheshiahud Lake Union Trail Project	This project will install a six mile loop trail.	0	Lake Union
TC323860	Collision Evaluation Program	This program identifies and facilitates safety improvements for high collision street locations.	165	Citywide
TC367100	First Hill Streetcar	The project constructs a modern, low-floor streetcar system.	0	Various
TC365850	Freight Spot Improvement Program	This project will improve mobility. Specific projects and the corresponding impacts on capacity are still to be determined.	0	Citywide
TC367530	Greenwood Avenue Sidewalks	This project will complete the sidewalk system on the east side of Greenwood Avenue N, between NW 92nd St and NW 105th St.	0	Greenwood AVE N/NW 92nd ST/NW 105th ST
TC327000	Lake Union Ship Canal Trail	This project will construct 0.75 miles of new trail.	0	W Nickerson St/6th Ave W/15th Ave W
TC366930	Linden Avenue North Complete Streets	This project will install road improvements (concrete sidewalks, curb and gutters, and asphalt road section) on Linden from N 145th - N 128th.	0	Linden Ave N/N 128th St/N 145th St
TC367480	Madison Street Bus Rapid Transit	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	2,300	Madison ST/Alaskan WAY/Martin Luther King Junior WAY E
TC366060	Magnolia Bridge Replacement Project	This project will build a new bridge to current engineering standards to replace the existing bridge.	0	W Garfield St/15th Ave W/Thorndyke Ave W
TC365500	Mercer Corridor Project	This project will provide transportation improvements to enhance all modes of travel, including pedestrian mobility, and better utilize existing street capacity in the South Lake Union area.	0	Mercer St/Fairview Ave N/Dexter Ave N
TC367110	Mercer Corridor Project West Phase	The project will provide an east/west connection between I-5, SR99, and Elliott Ave W.	3,909	Mercer ST/Elliot AVE W/Dexter AVE N
TC365750	Mountains to Sound Greenway Trail	This project will construct 0.25 miles of new trail.	0	TP-28 12th Ave. S/Golf Dr. S TP-28 4th Ave. S/S Royal Brougham Way
TC323250	Neighborhood Traffic Control Program	This program will install traffic calming devices on neighborhood streets.	298	Citywide

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
TC367700	New Traffic Signals	This project will install new traffic signals to improve traffic flow, reduce the frequency and severity of traffic accidents, and support pedestrian activity.	498	Citywide
TC367090	Railroad Crossing Signal Improvements	This project will install new railroad crossing gates and flashing lights.	0	Broad St B/Alaskan Way/Elliott Ave Broad St B/Alaskan Way/Elliott Ave
TC367380	Roosevelt Multimodal Corridor	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	2,000	Eastlake AVE/Stewart ST/NE 65th ST
TC366150	S Lander St. Grade Separation	The project will develop a grade separation of the S Lander St. roadway and the Burlington Northern mainline tracks between 1st and 4th Avenues S.	0	S Lander St/1st Ave S/4th Ave S
TC367520	Safety and Maintenance Project	This project will upgrade existing signals and signs, and install new ADA ramps, and pedestrian safety improvements.	0	Citywide
TC367410	Sound Transit - East Link	This project will provide design review, permitting, and construction support services for the Sound Transit - East Link project.	0	Citywide
TC367040	Sound Transit - University Link	This project will provide design review, permitting, and construction support services for the Sound Transit University Link project.	10	TBD
TC367190	Sound Transit North Link	Construct a 4.3-mile light rail line and three stations at Northgate, Roosevelt and University District.	87	Various
TC367350	Sound Transit North Link Station Bike and Pedestrian Improvements	This program will design and build pedestrian and bicycle improvements in order to increase safety and improve access to transit modes.	3,516	TBD
TC367400	South Lake Union Streetcar	This project will add one streetcar to the South Lake Union line.	0	Various
TC364800	Spokane St. Viaduct	This project will install a temporary median barrier, make seismic improvements, widen the viaduct structure and build a new off-ramp at 4th Ave S.	0	S Spokane St/6th Ave S/E Marginal Wy S
TC366860	Transit Corridor Improvements	This program implements projects that improve transit speed, reliability, access, and convenience, consistent with the Transit Master Plan.	1,873	Citywide

**Amounts in thousands of dollars*

Seattle Department of Transportation

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
TC367130	West Duwamish Trail	This project will build a new section of a multi-use trail.	0	TBD

Finance and Administrative Services

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
A1GM902	ADA Improvements - Citywide	This is an Asset Preservation project and has no requirements under the Growth Management Act (GMA).	195	
A1ADA01	ADA Improvements - FAS	This is an Asset Preservation project and has no requirements under the Growth Management Act (GMA).	0	
A1GM128	Central Neighborhood Service Center Tenant Improvement	This is a tenant improvements project and has no requirements under the Growth Management Act (GMA).	0	2301 S Jackson ST
A1GM501	Civic Square	The Civic Square will extend the accessible public space of the municipal civic center in a manner consistent with the Civic Center Master Plan.	0	600 3rd Ave
A1MSY02	Electric Vehicle Charging Stations for Airport Way Center, Building C	This is an Asset Preservation project and has no requirements under the Growth Management Act (GMA).	200	2203 Airport WAY S
A1FL120	Fire Station 20	This project replaces the existing Fire Station 20 with a new 8,400 square foot facility, adding approximately 5,500 square feet.	0	2800 15th AVE W
A1FL122	Fire Station 22	This project replaces the existing Fire Station 22 with a new 8,200 square foot facility, adding approximately 4,000 square feet.	3,885	901 E Roanoke St
A1FL128	Fire Station 28	This project replaces the existing Fire Station 28 with a new 14,200 square foot facility and may add a 5,400 square foot Urban Search and Rescue (USAR) building to the site, for a total of approximately 10,600 square feet.	0	5968 Rainier Ave S
A1PS207	Fire Station 31 Expansion		450	1319 N Northgate Way
A1FL132	Fire Station 32	This project replaces the existing Fire Station 32 with a new 20,000 square foot, 3 story facility, adding approximately 11,500 square feet.	7,004	3715 SW Alaska St

**Amounts in thousands of dollars*

Finance and Administrative Services

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
A1PS107	North Precinct	The North Precinct serves all of Seattle north of the ship canal. The existing facility was built for a staff of 115 and is severely undersized for its current staffing of more than 200. SPD expects that the staffing for this precinct will continue to rise to meet public safety needs in the north end. Expanding the facility beyond the existing footprint is not feasible because of environmental concerns on the existing site. SPD would prefer to keep the precinct facility as a single command to minimize command and administrative costs. Conceptual planning considers replacing the existing facility with a new 60,000 square foot facility at a different location, adding approximately 43,000 square feet of precinct space, including holding cells and locker rooms, and a parking structure.	4,000	WAY/N 130th ST/Aurora AVE N
A1GM129	Seattle Municipal Courts	This is an Asset Preservation project and has no requirements under the Growth Management Act (GMA).	488	600 5th AVE
A1GM127	Seattle Municipal Tower IDF Infrastructure Upgrades	This is an Asset Preservation project and has no requirements under the Growth Management Act (GMA).	2,500	700 Fifth AVE

Seattle City Light

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
8426	Advanced Metering Infrastructure	Rationale: City Light is at a point where replacement is unavoidable and needed in the short term due to the age and condition of its meters, meter reading equipment, and software. Approximately 50% of 350,000 residential meters in the field are at least 30 years old, which is outside the estimated lifespan for electro-mechanical meters. As of February 2009, residential electro-mechanical meters are no longer being manufactured. The software and handheld devices currently used by City Light	26,896	

**Amounts in thousands of dollars*

meter readers to manually capture and record reads will no longer be supported after 2012. In addition, City Light currently employs 57 FTEs in Customer Billing and 44 FTE Meter Readers, of which 43%, or 25 FTE and 19 FTE respectively, are eligible to retire by 2014. This presents an opportunity for SCL to make operational changes that move the utility from a manual to an automated system at a time when it is needed. Alternative(s): Option 1 - Recommended solution: Full AMI implementation as entered. This option's up front capital costs result in significant net savings due primarily to reduced labor costs and increased revenue. In addition, it establishes the infrastructure, technology, and capabilities for improved customer service and support for future plans and operations. Option 2 - Status quo: Continue current meter replacement cycle using current commercially available digital meters without communication capabilities. At the current expenditure rate, between 5,000 and 7,000 meters are installed annually (replacement of failed meters, new meter growth, service changes, etc.). This option minimizes current annual capital costs, but does not provide for timely replacement of all electro-mechanical meters. In the event of accelerated failure rates from the aging meter population, capital costs would escalate. Other options previously screened out:

A. Replace failed electro-mechanical meters with working electro-mechanical meters. The cost of purchasing electro-mechanical meters is currently lower than digital units but they are no longer being manufactured. SCL would have to acquire used or refurbished replacement meters from other utilities or companies, with the risk that availability will be reduced over time.

B. Replace current electro-mechanical meters on an accelerated schedule using commercially available digital meters without communication capabilities. This option carries significant capital costs for

		meters, although it does not require the communications and IT infrastructure. It provides limited benefits, primarily through increased meter accuracy, but provides severely limited benefits compared to AMI deployment. C. Deploy AMI on a limited basis to Commercial and Industrial customers, plus a limited number of small services with access problems. Partial implementation would require reduced capital costs but substantially the same investment.		
8307	Alaskan Way Viaduct and Seawall Replacement - Utility Relocs	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	5,964	SR 99 / Battery St

**Amounts in thousands of dollars*

		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.		
9950	Automated Utility Design Implementation	Rationale: Presently, non-Network distribution engineers use a four version old release of a drafting tool called AutoCad. This tool incorporates significant custom code, making any updates costly and impractical. It has very limited design functionality needed to produce engineering designs and drawings. AutoCad cannot retrieve essential design data from the Distribution Automated Mapping System, requiring a manual process to incorporate needed data into the final design and drawings. It also does not provide design functionality such as cost estimating, material request creation, and customer letters. These design tasks are now done using a variety of stand alone manual tools which are inefficient, error prone, and time consuming. The AUD software will provide significant design and production efficiencies at a time when the engineering work load is increasing because of a shift to the engineers of production tasks. Additionally, the AUD software will enforce common North and South Service	644	System Wide

**Amounts in thousands of dollars*

		Center engineering practices and procedures and provide an essential interface with WAMS (Work and Asset Management System) and OMS (Outage Management System). Alternative(s): Option I. Purchase design software and consultant services: This will result in appreciable savings, efficiencies, better staff utilization, and more standard and accurate engineering drawings and supply chain data. It will also eliminate custom code, enabling easy version updates. This is the preferred option because it will result in appreciable savings, efficiencies, better staff utilization, common engineering practices, and more accurate engineering drawings and supply chain data. It will also eliminate custom code enabling easy version updates and systems integration of AutoCad data with OMS and WAMS. Option II. Do nothing: The do nothing option will perpetuate the inefficient and costly engineering practices resulting from the use of drafting tools instead of design tools in the engineering process. It will also continue reliance and use of unsupported vendor software.	
6533	Boundary - New Unit - 57	Rationale: Add a new Hydro Unit 57 on the right bank, complete with its own powerhouse, intake, power tunnel, etc. Use abandoned pickle forks for primary feed to BPA's switchyard. Use new unit for: 1) Exclusive load balancing, reducing the wear and tear on the existing units 51-56, and allowing steady-state operation. 2) Minimization of Total Dissolved Gas (TDG) values in certain spill conditions. 3) More power production instead of wasting water resources to spill. water resources to spill. Alternative(s): No Alternatives Provided.	0

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
6493	Boundary Switchyard - Generator Step-up Transformers	Rationale: Design to begin in 2010. Closeout in 2017. First transormer delivered in 2012. Alternative(s): An alternative approach would be to repair or replace units as they fail from deferred maintenance. This approach would eventually result in a significant loss of revenue and/or fines from a regulatory agency. Accepting the risk of failure would not be in the best interest of the utility. Having a spare unit onsite would prevent such failures.	7,156	10382 Boundary Rd, Metaline, WA 99153
8203	Broad Street Substation - Network	Rationale: Customer demand for higher loads continues. Capacity of the cables serving two sub-networks is near overload, requiring immediate attention to avoid cable failure and customer outages. In the next five years, customers are projected to exceed the capacity of cables in another five network subareas. This capital project addresses the means to serve customer demand for higher capacity. Reliability measures identified in the Network Strategic System Plan are incorporated into this capacity driven work. Without this critical project it is very likely that there will be insufficient reliable electrical capacity in the very near future to hook up new customers and to serve present customers such as the Westin building. hernanju (7/29/21010): The project goal increases capacity of 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	16,754	319 6th AVE N

**Amounts in thousands of dollars*

		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.	
8465	Broadband - City Light	Rationale: The Gigabit Seattle project is a priority of the Mayor, with a letter of intent already signed. It is currently in planning and implementation is expected to start 2013. The Gigabit Squared project alone may generate an additional 250 Joint Use permit applications, doubling the annual average and tripling the number of poles impacted annually. Based on the customer fee to attach to poles and potential for 10,000 poles to be impacted. Types of construction necessary include pole replacement, relocations of existing wires, equipment installation, commissioning, and inspections. All work must meet NESC, SCL, and vendor standards. A Small Works Roster, administered with the Public Works program of Finance and Administration (FAS), is being established to meet customer requests in a timely manner. Construction will be broken up into sections moving through the	2,600

**Amounts in thousands of dollars*

		14 designated neighborhoods. Approximately 20% of the preparation and installation is expected to be installed by the end of 2013. The first phase of work will include installing wireless equipment on designated roof tops throughout the identified 14 neighborhoods and extending high speed fiber from the City's fiber backbone. The remainder of the work will be executed in 2014 including the individual residential street build outs, corrective work, inspections, and close out of the initial deployment will extend into 2015. The goal for Gigabit Squared service is to reach 60,000 homes across 14 different Seattle neighborhoods. This will involve the installation of approximately 200-250 miles of fiber optic cable, impacting about 8,000 - 10,000 utility poles. The majority of the initial Gigabit Squared work will be connected to poles on arterial roadways. These poles are generally in better shape than poles along residential roadways. Additional work to bring fiber to the remaining Seattle neighborhoods is expected to be driven by another vendor that will partner with Gigabit Squared. This work is expected to Alternative(s): No Alternatives Provided.		
8403	Citywide Undergrounding Initiative - City Light	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	10	System Wide
8430	Creston-Nelson to Intergate East Feeder Installation	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	339	Tukwila
8404	Denny Substation - Network	Rationale: This project is a result of a four years of advocacy by customers to make sure that the electrical distribution system has sufficient capacity to meet the projected loads in the rapidly growing area of North Downtown, and that the system has the reliability and voltage stability to support the research activities of the emerging biotech industry there. The principal stakeholders are the Fred Hutchinson Cancer Research Center, the UW School of Medicine, the Seattle 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	24,349	Valley Street/Denny Ave

**Amounts in thousands of dollars*

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.

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
7757	Denny Substation Development	Rationale: The key premise of the North Downtown capacity plan is preparedness and flexibility to respond to future growth as it occurs and to provide the operational flexibility to operate the electrical system to serve new development and existing load. The estimates assume that the transmission and distribution getaways into North Downtown Substation will be underground. However, the figures in this project do not provide for undergrounding existing overhead circuits in the neighborhood. See project 8404, North Downtown System Network, which will construct the underground network that links the customers to the substation. City Light expects that the current and planned development of the North Downtown district requires a 200 MVA substation in the area. The factors determining the timing of this substation include actual and anticipated load growth in the North Downtown Area, and the demand for power from other substations that could possibly serve the area. Alternative(s): Updated by Michael Clark 6/10/11: SCL System Planning Group is working with a consultant to validate existing SCL Service Area Loads, perform a 10yr & 20yr forecast for entire SCL Service area, and prepare small area load forecast for the North Downtown service area, with specific recommendations regarding development of a NODO Substation and NODO Network to provide service to this area. The alternatives for the NODO Substation will be: 1. Do nothing. 2. Transfer load to adjacent substations. 3. Reinforce Broad Substation. 4. Construct new North Downtown Substation with Radial or Network Distribution System, Voltage Level (13.8kV or 26kV), and Transmission Alternatives. SCL System Planning Group anticipates making formal recommendations regarding NODO Substation in QTR3 2011.	41,706	System Wide

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
7125	Denny Substation Transmission Lines	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	257	System Wide
6481	Diablo Facility - Storage Building	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	0	Milepost 126 State Highway 20
9307	Distribution Area Communications Networks	Rationale: The communication systems now employed are in need increased capacity, better security, faster speeds, and increased reliability to meet new regulatory requirements. This will meet our ever increasing data and voice communication needs and take us twenty years or more into the future. Maintenant costs are lower because increased redundancy and reliability as well as better system alarms and the capability to remotely troubleshoot and reprogram the system. Traffic on the network is easily rerouted until major failures can be repaired. The new requirements of security, relaying, Automated Meter Reading, Automated Distribution and other automated systems will be easier to implement at lower cost once this project is completed. The system is easily upgraded to increase capacity or take advantage of new technology as it becomes available. 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.	1,250	Citywide

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
9966	Distribution Management System	Rationale: City Light currently uses manual processes to accomplish this work, but without the same outcome. Manual processes require reviewing maps to determine system configuration and options. They also do not provide accurate estimates of customers impacted by planned outages, and require additional labor to perform planning. DMS would be installed when it is determined that City Light has enough substation automation, communication infrastructure, Advanced Metering Infrastructure (AMI), and Supervisory Control and Data Acquisition (SCADA) field switching equipment in place to benefit from its use. The labor saving benefit will be achieved by maximizing the utilization of the substation and SCADA field switching equipment linked to the DMS. Customers will receive more accurate information regarding planned outages, and in some cases, reduce the area needed for the outage because of the ability to create switching scenarios during the planning process. Alternative(s): The only alternative direction would be to delay installation of DMS or choose not to install.	0	
9101	Equipment Fleet Replacement	Rationale: As mobile equipment ages, it reaches a point where it becomes more economical to replace the equipment than to continue to repair it. In the past, the 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	5,388	System Wide

**Amounts in thousands of dollars*

established plan will require ten plus years of enhanced financing. A ten year recovery plan adds $2.7 million to the planned annual purchases required for the year. That plan has been underfunded for 10 years. The planned annual purchases, per the twenty year plan for the heavy fleet equates to approximately $4 million per year. For the light duty fleet another $1.3 million is needed. On the ten year recovery plan that equals about $8 million per year. That $8 million replaces the equipment that normally needs to be replace every year and addresses some of the equipment that has been deferred. The proposed $8 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 $8,000 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 depr
Alternative(s): The recommended alternative is to address the backlog of City Light vehicles, heavy and light fleet, on a plan spread over 10 or more years. 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. It also has safety ramifications when considering malfunctions and inopportune breakdowns. A third plan would be to continue to not address the back log but replace on an as needed basis. This plan requires more rental costs and time loss due to equipment down time. It also does not address the need to be more fuel efficient and

		environmentally friendly. This plan to replace only as needed would be less reliable for tracking or budgeting. Address the back log through a ten year or longer plan.		
8407	First Hill - Network Load Transfer	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	0	1100 Madison St.
8442	First Hill Connector Streetcar	Rationale: This project is being set up as a separate project similar to other SDOT streetcar projects. The funding for the relocation portion of this project comes from Sound Transit, with the City of Seattle expectation that Sound Transit is covering all construction related costs. SCL is adopting a project management structure to reflect this as a special reimbursement agreement by the City. Alternative(s): Typically, SCL is required by state law to provide power relocations needed to facilitate transportation projects. With Sound Transit funding, this requires special consideration for project structure and reimbursement agreement. SDOT's First Hill Connector project team will establish the final route and placement in the road, based on traffic, utility relocations, and project costs.	194	Broadway / Boren / Jackson / King
6470	Generation Federal Reliability Standards Improvements	Rationale: In June 2007, newly established standards regulating the North American bulk electric power system, which includes generation and transmission, became mandatory. Failure to comply may be punishable by financial penalties of up to $1 million per day per violation. As of April 2008, there are 140 standards in force; 30 of these apply to Seattle City Light's (SCL) Power Production Division. SCL is in full compliance with many of the standards, but has identified elements of the new standards which require rapid mitigation to avoid financial penalty or other forms of censure. Publication of new and revised standards requires an on-going project level effort to put improvements into service which keep generation equipment and operations in full compliance. Alternative(s): No Alternatives Provided.	10	500 Newhalem Creek Rd, Marblemount, WA 98267
7756	Interbay Substation - Development	Rationale: The Broad Street Substation is reaching its capacity to serve the network and the growing South Lake Union	0	17th Ave West/West Bertona St

**Amounts in thousands of dollars*

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.

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
8365	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.	2,947	System Wide

**Amounts in thousands of dollars*

8202	Massachusetts Street Substation - Networks	Rationale: The rational for this project is to increase the capacity and reliability of present Massachusetts Street Substation network feeder cables to their ultimate service build out limit (an overall increase of 69 MVA), as determined by Massachusetts Street Substation's transformer capacity, with allowance for feeder imbalances, feeder diversity and diversity among sub-networks. The Alaska Way Viaduct project will require the relocation of all 13kV distribution feeders that are suspended from the viaduct. These include feeders serving Pioneer Square and the downtown core. Additional duct banks and electrical vaults must be built throughout the Pioneer Square area to accommodate the feeder relocations. Doing 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.	3,116	1555 Utah AV S

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
8366	Medium Overhead and Underground Services	Rationale: There is a continuous demand for additional electric power services as new construction and renovation work occurs. Seattle City Light provides service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community focused organization. Alternative(s): Each service connection may have unique aspects that would require or facilitate design, construction, and financing alternatives. Seattle City Light will fully consider alternatives as a means to fulfill its commitment to be a customer and community-focused organization.	10,371	System Wide
8443	Mercer Corridor West Phase Relocations	Rationale: Per direction from DOF, this project has been broken out from the former AWV subproject for Mercer West. The rationale is that the Mercer West scope is not well defined as of June, 2009, and while the project ties into the overall AWV program, there is sufficient latitude in the proposed scope and scheduling for some of the construction that is not directly impacted by the North Portal work to justify budgeting in a new PE#. Alternative(s): SCL must by law provide relocations for transportation projects. For the proposed scope of work in the Mercer West area, SCL 's project team will advise the WSDOT & SDOT lead teams as to the specifics of the North Portal's preliminary design that are most likely to have the greatest impacts on the power infrastructure and pose the greatest risk to the overall project's constructability, schedule, and budget. The exact location of the proposed North Portal has not been designated as of June 2009, so it is possible that SCL may have some latitude for the project's scope as it regards placement of the relocated power facilities in the Mercer West area.	523	Mercer/Broad/Aurora

**Amounts in thousands of dollars*

Proj. ID	Project Title	Capacity	2016*	Location
8054	Meter Additions	Rationale: Background: Of the 400,000 meters in City Light's metering system, approximately 80,000 are older than 30 years. City Light's Rates Unit estimates that replacing the meters would result in an increase in revenues of more than $450,000 annually. City Light has a fiduciary responsibility to continually update the metering system. Due to continuous budget constraints, both in labor and material, targets of 10,000 obsolete meter exchanges were reduced in 2000, 2006 and 2008 to our current level of 5300, thus the backlog of older meters continues to increase. Methodology: New Service Installations: Over the past 9 years, new or 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.	2,246	System Wide

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
8429	Mobile Workforce Implementation	Rationale: No Rationale Provided. Alternative(s): No Alternatives Provided.	1,491	Citywide
8383	Neighborhood Voluntary Undergrounding Program	Rationale: Many residential customers have a strong interest in converting overhead power lines to underground lines. Legislation limits City Light from subsidizing this activity from the general rate base. Since the City enacted Council Ordinance 112738 in 1986, customers wishing to convert an existing service from an overhead to an underground connection have utilized the utility's Voluntary Underground Program (VUP). It requires that the customers pay all costs associated with any residential undergrounding. This is still currently a part of the Seattle Municipal Code (SMC) in Section 21.49.110.T. The Seattle City Light VUP coordinator works with any customer or customer group expressing an interest in undergrounding to form a VUP project. The purpose of the Voluntary Underground Program (VUP) is to satisfy residential customers who are interested in converting their overhead distribution system to an underground system. This project allocates customer support, design, and construction services so that the customers feel well treated whether or not they ultimately decide to go ahead with the conversion. Alternative(s): No Alternatives Provided.	16	System Wide

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
8405	Network Additions and Services - Denny	Rationale: This is a mandated project that provides electrical service connections and related improvements in response to requests for service from customers. The project provides targeted civil and electrical design assistance to customers to connect existing and proposed buildings to the North Downtown network system. The conversion effort is quite large since we are installing a new network in this area. It is imperative to participate in early design discussions with customers building in the area. For existing buildings, the conversions to network service are complicated and require expert assistance. This project provides service connections to biotech industry, condominiums, office buildings, medical facilities, hotels, and commercial and apartment buildings. Alternative(s): 1. Do nothing. 2. Hook up customers as they request. Option 2 is recommended as it is most compatible with our mission of customer service.	1,508	Valley Street/Denny Ave
8363	Network Additions and Services: Broad Street Substation	Rationale: The Broad Street Substation Network Additions and Services project connects approximately five small, four medium, and five large properties costing $4.6 million and performs capacity additions work associated with service connections. These connections include condominiums, office buildings, medical facilities, hotels, and commercial and apartment buildings. Alternative (s): No Alternatives Provided.	5,889	319 6th AV N

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
8364	Network Additions and Svcs: First Hill, Mass, Union & Univer	Rationale: This Network Additions and Services project for the customers in the First Hill, Massachusetts, Union, and University District network areas provides service connections to approximately nine small, five medium, and four large properties costing $3.5 million. These connections include condominiums, office buildings, medical facilities, hotels, and commercial and apartment buildings. Alternative(s): No Alternatives Provided.	3,569	1555 Utah AV S
8129	Network Hazeltine Upgrade	Rationale: Using the Network Hazeltine system provides reliable power by remotely monitoring the electrical vaults and electrical equipment within the entire downtown service area. The Power Dispatchers constantly monitor the real time status of the network using the Hazeltine system. This program costs $304K per year and avoids problems that can easily exceed twice that 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	631	System Wide

**Amounts in thousands of dollars*

		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.		
9103	Office Furniture and Equipment Purchase	Rationale: Workplace and process improvements completed under program 9159, plus ongoing organizational change, require the purchase of office furniture and equipment in order to achieve the project objectives. Each year Utility Support Services completes approximately 450 service requests requiring furniture reconfiguration, at least a third of which involve ergonomic corrections. Alternative(s): 1. Fund program 9103. 2. Don't fund program 9103 and purchase all office furnishings and equipment from the O&M budget. 3. Maintain office furniture until it can no longer be sustained in acceptable condition and then replace in total with a future ad hoc program.	524	System Wide

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
8369	Overhead and Underground Relocations	Rationale: This project provides the means to move City Light system infrastructure, located in the public right-of-way for transportation projects, including street widening and street vacation projects. This means moving distribution lines to make way for construction of buildings, bridges, airport runways, tunnels, and for other utilities. This project moves electrical lines to accommodate or take advantage of transportation-related projects being constructed by other agencies. The project builds new and replaces old line segments, installs and replaces poles, and adds or renovates underground facilities to the distribution system, as necessary, to relocate distribution systems for transportation projects, street vacations, or other projects proposed by outside (non-City Light) agencies. Some projects are paid for by City Light and some are paid for by the requesting agencies. This project provides the means to move the system for transportation projects in the public right of way, including street widening and street vacation projects. Alternative(s): The do nothing alternative leaves the distribution of facilities in their current location, which would interfere with the projects of the other agencies.	2,505	System Wide
8355	Overhead Customer Driven Capacity Additions	Rationale: This project adds capacity to the distribution system to accommodate increased load from new services. Alternative(s): The do nothing alternative leaves the existing system in place. New loads added to the system will adversely impact system reliability and voltage stability. It may be necessary, if the load increase is significant, to deny new service connections if the feeder capacity is inadequate.	3,521	System Wide

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
8356	Overhead System Capacity Additions	Rationale: This project adds capacity to the distribution system to maintain the reliability level for the existing customers on the system and accommodate the increased load from new services. Alternative(s): The do nothing alternative leaves the existing system in place. New loads added to the system will adversely impact system reliability and voltage stability. It may be necessary, if the load increase is significant, to deny new service connections if the feeder capacity is inadequate.	2,515	System Wide
9970	PeopleSoft Reimplementation - City Light	Rationale: The City manages the PeopleSoft financial system and City Light needs to be involved in the configuration and implementation in order to ensure the new implementation meets City Light's business needs. The City and its departments have used PeopleSoft as its financial system since 1998, with the last software upgrade done in 2006. Vendor support for the City's current version of PeopleSoft expired on December 31, 2011. Upgrading to the most current version offered by the vendor ensures vendor support through 2021. Alternative(s): No Alternatives Provided.	14,484	System Wide
8452	Pole Attachment Requests Preparation Work	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	3,489	System Wide

**Amounts in thousands of dollars*

industry is critical for them to maintain their competitive advantage. Customers pay in advance for City Light crews to complete this work on overtime, without interrupting the normal assignments of the crews. All construction charges are deposited into the Light Fund. New wireless facilities and pole attachments generate an additional $100,000 in rental revenue annually. Currently $3.3 million in annual rental revenue is being generated and will continue to increase as construction and make ready work is completed. All rental revenue is deposited into the Light Fund. The communications industry and associated technology are growing at an astounding rate. City Light has experienced a 375 percent increase in pole attachment applications since 2007. All trends indicate that this growth will increase by an average of 24 percent annually. This does not take into account major initiatives such as fiber to the home, Advanced Metering Infrastructure (AMI), or vast expansion of existing networks and Distributed Antenna Systems (DAS). Completing the construction for make ready work and wireless facilities will enable City Light to fulfill its legal and contractual obligations to our customers. Customers will be provided a small measure of rate relief through increased revenue streams from these additi
Alternative(s): It is possible that some or all of this construction work could be outsourced to electrical utility construction companies. This alternative presents obstacles like logistics, compatible parts, quality control, and required electrical reviewers. These challenges negate any cost savings and sometimes take longer to construct.

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
6385	Power Production - Network Controls	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.	1,513	500 Newhalem Creek Rd, Marblemount, WA 98267

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
9202	Security Improvements	Rationale: If Seattle City Light's Security Improvements Program is underfunded, its critical facilities face increased risk to sabotage, vandalism, theft, and terrorism that can result in the loss of valuable infrastructure for generation and distribution of power, as well as noncompliance with North American Reliability Council (NERC) 1200 Standards, adopted May 2, 2006, to improve security at critical facilities that house command and control systems. Curtailment of Seattle City Light's electric operations would impact reliability of the power system in the Pacific Northwest, create lost revenues, and jeopardize public safety and emergency response due to loss of lifeline services such as medical services, water and wastewater systems, communications, law enforcement, banking, transportation system, etc. Alternative(s): Option 1, Status Quo: No centralized security system. Operate local security systems in place and use local law enforcement and private security companies to address security on a limited basis. Use private security services and/or request additional assistance from local law enforcement during times when the Federal government has raised the alert level for the nation or region, or for a situation that has occurred requiring additional security services. Option 2, Centralized Security System: Seattle City Light installs security enhancements to delay, 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.	4,641	System Wide

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
9232	Service Center Development Project	Rationale: The existing South Service Center (SSC) is located in a seismic liquefaction zone. If a major seismic event occurred, access to and use of the site could be significantly compromised, potentially affecting City Light's ability to keep operations going. The North Service Center (NSC) is highly congested and inefficiently designed. The desired outcome is to implement the findings of the Service Center Master Planning process in a manner that addresses the existing challenges and ensures efficient customer service, operational excellence, employee performance and financial strength for the next 30 years. Alternative(s): Options under consideration include the addition of a third service center, a large single facility for all service center functions, alterations and additions to the North Service Center, and essential seismic upgrades to the existing structures at the South Service Center to address long term reliability. A future update of the Strategic Plan will include a more substantive discussion of City Light's service center options and costs.	0	

Amounts in thousands of dollars

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
8320	Shoreline Undergrounding: North City and Aurora Avenue North	Rationale: The City of Shoreline (Shoreline) has a strong interest in undergrounding utility lines along major arterials, which is governed by its franchise agreement with City Light and other local ordinances. This project helps SCL be a customer and community focused organization by delivering undergrounding service to Shoreline with a coordinated and mutually agreed upon scope, schedule, and cost and rate structure. As of Q2-09, all undergrounding work by SCL in Shoreline will be done under the recent franchise agreement with the City of Shoreline. Also, the City of Shoreline, by adopting new commercial area zoning for the project area as outlined in the Shoreline Municipal Code 13.20.050 (A) (1), requires that overhead utilities in the project area be converted to underground systems. Updated by Pete Beaumont 6/23/2009 Alternative (s): A do nothing choice of action would violate the franchise agreement. Alternatives therefore involve scheduling considerations since the franchise agreements require these relocations. Possible alternatives are: 1. Business as usual. Building the project according to the schedules negotiated with the franchise cities on adoption of the MOA's for the projects. 2. Schedule acceleration to the extent possible for our work, per SCL's initiative. 3. Schedule deferral may be the principal alternative, although this could cause conflict with Shoreline's broader project planning. The Option 1 alternative is preferred, since within reason, per the franchise agreement, SCL must make a good faith effort to facilitate Shoreline's undergrounding plans. Last revised by Pete Beaumont, 6/23/2009	54	2136 N 163rd St, Shoreline

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
8367	Small Overhead and Underground Services	Rationale: There is a continuous demand for additional electric power services as new construction and renovation work occurs. Seattle City Light provides service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community focused organization. Alternative(s): Each service connection may have unique aspects that would require or facilitate design, construction, and financing alternatives. Seattle City Light will fully consider alternatives as a means to fulfill its commitment to be a customer and community-focused organization.	6,200	System Wide
6600	SMT AutoLab	Rationale: This project supports continued new cyber security and automation projects. The existing equipment lab is too small and the HVAC system doesn't adequately cool existing equipment. Alternative(s): The project will also look at enlarging the existing lab on SMT 35, as well as looking at alternate spaces to create a new lab. Existing IT labs will be considered.	0	

**Amounts in thousands of dollars*

Proj. ID	Project Title	Capacity	2016*	Location
8450	Sound Transit Light Rail East Link - City Light	Rationale: Sound Transit is in the preliminary stages of planning a light rail line running from Seattle's International District Station to the Bellevue Redmond area. As of 2Q2010, final decisions on the alignment to be chosen have not been made by Sound Transit and SCL has not begun engineering. Per Sound Transit's official communications, the current plan states that Sound Transit's board will select the final alignment for East LINK in 2011 after the EIS is completed. As of 2Q2010, SCL has pointed out that the main area of potential concern with its facilities is the possible crossing under SCL's eastside transmission lines in SE Bellevue, depending on the location chosen for the East LINK alignment there. Until a final alignment is chosen, SCL anticipates that we will be acting in an advisory role. So far, discussions regarding the Seattle section of the East LINK alignment have proposed locating a station somewhere in the vicinity of the 23rd Ave E & Rainier Avenue S neighborhood. Also, current plans are that the line would not be underground between the International District Station and the I-90 Bridge, although all plans are subject to change ahead of the board's vote next year. Sound Transit estimates construction could then start in late 2013 or early 2014 SCL will develop engineering estimates and a complete budget, working with Sound Transit's project team, as more details of the project move forward. Depending on the final alignment, SCL will revise our FY2011 budget as needed to fit Sound Transit's time lines. As Sound Transit readies for the board's vote on the alignment, we will work with Sound Transit on an MOA regarding SCL cost reimbursement. It is anticipated that the project will be 100% reimbursable to SCL in keeping with past work with Sound Transit. Alternative(s): SCL must, if possible, facilitate the construction of this customer's project.	107	I-90/International District Station/I-90 Bridge

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
8427	Sound Transit Northlink - City Light	Rationale: Since Sound Transit's funding for North Link is a different package than that for the Initial Link, as are their contractual agreements, SCL as a key project participant needs to mirror Sound Transit's project management structure to best manage this project, hence the work has been managed under this PE#8427, even when the MOA's governing the project have not kept up with Sound Transit's requirements from us. The project will manage the relocations work & feeder construction needed for Sound Transit to build the North Link line. SCL's current assumption is, per the draft MOA, that the service connections at the sites would be arranged and paid for by Sound Transit's contractor, under a service CIP #, business as usual. The utility relocations and power service provided to Sound Transit will enable the agency to stay on its path according to schedule once the North Link light rail project begins. Alternative(s): For the coming year, given the level of effort so far identified, the do nothing option is not a possibility, as Sound Transit can not meet their proposed schedules without SCL's significant assistance. Sound Transit may wish to modify their schedule somewhat if SCL's engineering and planning for the project offer some possibility of cost savings. We do not know enough about the construction scope to determine this as of 1Q2012.	1,663	University District / Roosevelt / Northgate
7751	Substation Capacity Additions	Rationale: We plan to design the feeder get-aways to carry power from substations as needed. Alternative(s): The alternatives to making capacity additions to existing substations are: 1. Accepting limitations on service to customers. 2. Successfully promoting voluntary power demand reductions. 3. Meeting capacity demand increases by new substations and transmission lines.	1,568	System Wide

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
9161	Substation Comprehensive Improvements	Rationale: 1. Reduce the risk to communications equipment and power network controls in order to sustain City Light's historically high system reliability. 2. Reduce workplace complaints among substation staff so that City Light maintains its harmonious relationship with electrical workers. Alternative(s): 1. Fund Program 9161. 2. Eliminate Program 9161 and make limited scope improvements in reaction to critical situations. 3. Eliminate Program 9161 and fund substation improvements out of other programs. 4. Make no improvements and finance increasing risk through insurance. 5. Eliminate Program 9161 and complete substation improvements as an O&M expense.	198	System Wide
7755	Substations Demand Driven Improvements	Rationale: Requests from other agencies typically occur without enough notice to be included in the biennial budgeting process. The Power Stations Division budgets a nominal sum for each year to cover requests and to request spending authority. Alternative(s): The alternative to implementing regional demands is failing to meet City commitments to regional agreements.	5	System Wide

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
9230	Technical Training Center Development	Rationale: Seattle City Light currently does not have a training center and we currently deliver our training in multiple disparate, borrowed and shared spaces. A technical training center will enable us to ensure that our workers receive essential training to continue to be a high performance workforce and deliver the high quality of service that our customers expect. Alternative(s): Our alternatives include either the status quo option of delivering training at disparate and borrowed locations or purchasing land on which to build a dedicated training center. The preferred option utilizes a vacant property that is owned by City Light on which to build the training center, which is the best option for the utility.	902	System Wide
9965	Tool Room Automation	Rationale: Seattle City Light's tool room budget is $1.3M for O&M and $1M for capital per year. This includes new tool purchases, and maintenance, testing reconditioning, and calibration of existing tools; and replacement of existing tools. Alternative(s): No Alternatives Provided.	342	
9952	Transformer and Network Load Management Tools Upgrade	Rationale: The Transformer Load Management system (TLM), the Network Load Management system (NLM) and the Loadflow application are legacy FORTRAN-based applications and engineering modeling tools used everyday at Seattle City Light (SCL) for functionality critical to providing power to our customers. These custom built tools (originally implemented in the 1970s using FORTRAN) have long since exceeded their expected useful life. They are at risk of failure and City IT no longer has personnel with the expertise required to fix them when they do fail. The connection between customer meters and SCL electrical distribution systems are modeled and maintained by these programs. Other SCL systems, such as the Geographic	11	System Wide

**Amounts in thousands of dollars*

Information System (GIS) and Outage Management System (OMS), depend on data maintained by these applications for accurate system mapping and the management of planned and unplanned outages. Performing system planning analysis on the distribution systems relies on system load calculations, using customer meter demand information, which these applications provide. This ongoing analysis of the demand on power lines and transformers is a key process to avoid electrical overloading and premature degradation of SCL distribution systems. This analysis is also needed to ensure that SCL can meet the expectations of fully utilizing our system capacity, as pointed out in the State Auditor's findings in 2009. Loss of the TLM, NLM and Loadflow would mean that SCL would no longer have the load data required to perform necessary system analysis and planning. This may result in more overloading, premature aging of the distribution systems, and more conservative and costly engineering design attempting to mitigate these issues. It also increases the possibility of costly unplanned outages due to the inability to perform effective design, and increases the possible duration of those outages because OMS requires this customer to system connectivity information to efficiently loc Alternative(s): I. Do Nothing: Do not replace the TLM/NLM/Loadflow applications. Continue to support the basic needs of the Outage Management System through a custom software interface. Continue to perform basic and oftentimes manual engineering analysis for loading of the distribution systems. Continue to use a software application (FORTRAN code) that the utility has no IT expertise to support. II. Replace TLM/NLM/Loadflow: Purchase and deploy a vendor application specifically configured to provide (1) enhanced support to OMS because of its capacity to store and maintain a denser set of data than our current system, (2) access to data accomplished through a vendor supplied, rather

		than a custom, interface, (3) a robust capability for more complex and accurate engineering analysis for system loading and usage, (4) the ability to effectively store and use smart grid data and technology when the utility starts to deploy it.		
8360	Underground Customer Driven Capacity Additions	Rationale: This project adds capacity to the distribution system to accommodate increased load from new services. Alternative(s): The do nothing alternative leaves the existing system in place. New loads added to the system will adversely impact system reliability and voltage stability. It may be necessary, if the load increase is significant, to deny new service connections if the feeder capacity is inadequate.	2,918	System Wide
8201	Union Street Substation Networks	Rationale: The Union Street Substation Networks project provides sufficient and reliable electrical capacity for the growing power needs of our customers. It is a programmatic approach for comprehensive management of underground network assets (electrical and in some cases civil) serving customers in the area bounded by Yesler Street, Alaska Way, Pike Street, 6th Avenue, Union Street, the Freeway, University Street, 3rd Avenue and the Waterfront area from Denny to Yesler. The project goal is to increase the capacity of present Union Street Substation network feeder cables to their ultimate service build out limit (an overall increase of 128 MVA) as determined by Union Substations transformer capacity, with allowances for feeder imbalances, feeder diversity and diversity among sub-networks. We will re-conductor and re-route four 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	2,415	1312 Western AV

**Amounts in thousands of dollars*

the projected new loads on the Waterfront and at specific downtown core sites we need to complete re-conductoring and re-routing of four targeted service feeders by the end of 2008 and perform associated work such as feeder balancing that will be transferred from Broad Street, and may be transferred from Massachusetts Street; build and energize a new network substation at least six years before all Downtown network capacity is used so that service cutovers can be done with minimal impact to our customers. This work is essential to meet near term load requirements of the SAM/WaMu and Four Seasons projects. This critical project Alternative(s): Alternatives include: 1. Do nothing. Make no improvements to system reliability or additions to feeder capacity. This would allow customer load to continue growing without commensurate additions to capacity of feeders serving this area, ultimately leading to multiple cable failures and extended customer outages. This would reduce the reliability of the network system from its present level, subjecting it to more lengthy outages. 2. Reduce customer demand for more load with demand side management measures. This alternative was evaluated in the Network Strategic Systems Plan and found to have negligible ability to reduce customer demand in the network area. 3. Increase capacity of network feeders incrementally, as little as possible and as close to near-term load requirements as possible. This is no longer feasible as the next increment of feeder capacity additions reach their final capacity targets. 4. Increase capacity of network feeders to the full limit of the substations capability to deliver power. 5. Add measures that improve system 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.

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
C4102-DWF	Alaskan Way Viaduct & Seawall Replacement Program - DWF	This project will relocate, replace and protect drainage and wastewater facilities affected by the replacement of the Alaskan Way Viaduct and Seawall with a new seawall and transportation facility.	3,081	SR 99 / Battery St
C4102-WF	Alaskan Way Viaduct & Seawall Replacement Program - WF	This project will relocate, replace and protect water facilities affected by the replacement of the Alaskan Way Viaduct and Seawall with a new seawall and transportation facility.	4,904	SR 99 / Battery St
C1606	Ballard Locks Improvements	This project will fund the planning, design, and construction of freshwater conservation and smolt passage facilities at the Ballard Locks.	136	NW 54th St /30th Ave NW
C4119-DWF	Bridging the Gap - DWF	This program will fund projects for drainage and wastewater utility improvements and relocations associated with SDOT's "Bridging the Gap" program.	27	Various Various
C4119-WF	Bridging the Gap - WF	This program will fund projects for water utility improvements and relocations associated with SDOT's "Bridging the Gap" program.	7,988	Various
C3373	Capitol Hill Water Quality Project	The project treats 7.2 cfs of stormwater runoff from Capitol Hill.	0	Yale Ave N/Pontius Ave N/Thomas Street
C1307	Cedar Bridges	This project will replace deteriorated bridges in the Cedar River Watershed.	1	Cedar River Watershed
C1605	Cedar Sockeye Hatchery	This project will construct an incubation facility capable of producing 34 million "swim-up" Sockeye fry.	0	Cedar River Watershed
C3803	Densmore Basin Drainage Improvements	This project will install storm drain improvements that meet the drainage capacity standard of a 25-year storm.	0	Densmore Basin
C1128	Distribution System Improvements	This project will improve the distribution system to meet customer service levels.	3,030	Citywide
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.	6,936	Citywide Citywide

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
C3802	Localized Flood Control Program	This program will provide flood control and local drainage and wastewater projects in under-served parts of Seattle to improve system capacity or increase the existing level of service.	2,678	Various Various
C3604	Long Term Control Plan	This project will determine size and location of all future CSO control facilities within the City.	750	
C3805	Madison Valley Long Term Solution	The project will provide an estimated additional stormwater storage capacity of 2.8 million gallons.	0	Various Various
C4133-DWF	Mercer Corridor Project West Phase - DWF	This project will provide drainage and wastewater utility improvements related to the SDOT Mercer Corridor Project West Phase.	30	Mercer St Mercer St/Elliot Ave W/Dexter Ave N
C4133-WF	Mercer Corridor Project West Phase - WF	This project will provide water utility improvements related to the SDOT Mercer Corridor Project West Phase.	30	Mercer ST Mercer ST/Elliot AVE W/Dexter AVE N
C4106-DWF	Operational Facility - Construction - DWF	This program will renovate, rehabilitate, and replace existing buildings and construct new facilities at various locations to address deficiencies and functional changes in SPU's Lines of Business.	9,442	Citywide Citywide
C4106-SWF	Operational Facility - Construction - SWF	This program will renovate, rehabilitate, and replace existing buildings and construct new facilities at various locations to address deficiencies and functional changes in SPU's Lines of Business.	310	Citywide
C4106-WF	Operational Facility - Construction - WF	This program will renovate, rehabilitate, and replace existing buildings and construct new facilities at various locations to address deficiencies and functional changes in SPU's Lines of Business.	1,753	Citywide
C4105-DWF	Operations Control Center - DWF	This program will improve facilities at the Operations Control Center.	28	2700 Airport Way S
C4105-SWF	Operations Control Center - SWF	This program will improve facilities at the Operations Control Center.	9	2700 Airport Way S
C4105-WF	Operations Control Center - WF	This program will improve facilities at the Operations Control Center.	63	2700 Airport Way S
C3703	Pump Station and Force Main Improvements	This program will provide wastewater pump station improvements, upgrades, repairs and rehabilitation.	3,913	Various Various

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
C4107-WF	Regional Facility - WF	This program will improve facilities at SPU's regional sites.	1,570	Various
C1504	Regional Water Conservation Program	This project will extend SPU's water supply by up to 11 MGD using demand reduction from customer upgrades in water-using facilities and equipment to be more water efficient.	1,472	Citywide Plus Wholesale
C1411	Reservoir Covering - Maple Leaf	This project will underground Maple Leaf Reservoir to protect drinking water quality.	1,306	NE 86th St/Roosevelt Wy NE
C1410	Reservoir Covering - Myrtle	This project will underground Myrtle Reservoir to protect drinking water quality.	55	SW Myrtle St/35th Ave SW
C1409	Reservoir Covering - West Seattle	This project will underground West Seattle Reservoir to protect drinking water quality.	50	SW Henderson St/8th Ave SW
C3608	S Genesee Combined Sewer Overflow	This project will construct or modify faciltlies to manage Combined Sewer Overflow control volumes totaling approximately 3 to 5 million gallons. Estimates are from the Draft CSO 2010 Plan Update.	137	S. Genesee St. S. Genesee St.
C3609	S Henderson Combined Sewer Overflow Storage	This project will construct or modify faciltlies to manage Combined Sewer Overflow control volumes totaling approximately 26 million gallons. Estimates are from the Draft CSO 2010 Plan Update.	26,134	S Henderson St. S Henderson St.
C1505	Seattle Direct Service Additional Conservation	This project will upgrade water-using facilities to be more water efficient and accelerate conservation savings by 3 million gallons per day in conjunction with reservoir covering, other system efficiencies, and upgrades to low income customer facilities.	681	Citywide & Direct Service
C4113-DWF	Security Improvements - DWF	This program will provide increased security and protection at SPU facilities.	128	Citywide Citywide
C4113-SWF	Security Improvements - SWF	This program will provide increased security and protection at SPU facilities.	110	Citywide
C4113-WF	Security Improvements - WF	This program will provide increased security and water quality protection at SPU facilities.	783	Citywide
C4135-DWF	Sound Transit - North Link - DWF	N/A	359	Various Various
C4135-WF	Sound Transit - North Link - WF	N/A	485	Various Various

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
C4125	Sound Transit - Water Betterment	This project will fund the relocation or replacement of water mains and other facilities related to the development of Sound Transit's Light Rail system.	0	Central & South areas of Seattle
C4122-DWF	Sound Transit-East Link	This program will fund projects for utility improvements and relocations associated with the development of Sound Transit's Light Rail system.	20	Various Various
C4122-WF	Sound Transit-East Link	This program will fund projects for utility improvements and relocations associated with the development of Sound Transit's Light Rail system.	170	Various Various
C3806	South Park Pump Station	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.	2,897	698 S Riverside DR/Holden/Austin
C2302	South Transfer Station Rebuild	This project will replace the existing facility to increase the capacity to recycle more solid waste and improve the transfer capability of non-recyclable materials.	6,732	8100 2nd AVE S
C3353	Taylor Creek Culvert Replacement	This project will increase the capacity of the culvert under Rainier Ave S to pass 25 year storm event flows and allow unimpeded fish passage.	0	Taylor Creek at Rainier Ave S
C3811	Thornton Confluence Improvement	This project will increase floodplain capacity at the Thornton Creek confluence.	50	Thornton Creek
C3333	Venema Creek Natural Drainage System	This project increases the capacity to convey stormwater flows.	0	1st and 2nd Ave NW/NW 120th St/NW 122nd St
C1112	Water Infrastructure - New Hydrants	This project will improve fire protection by increasing the number of fire hydrants in the city.	25	Citywide
C1113	Water Infrastructure - New Taps	This project will install approx. 800 new taps per year to domestic, commercial, and fire protection systems.	6,630	Citywide
C1111	Water Infrastructure - Watermain Extensions	This project will install approximately 8,000 feet of new watermains per year.	828	Citywide
C3605	Windermere Combined Sewer Overflow Storage	This project will construct approximately 2,000,000 gallons of Combined Sewer Overflow storage capacity.	162	NE 65th St./Sand Point Way NE NE 65th St./Sand Point Way NE

**Amounts in thousands of dollars*

New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2016*	Location
S0501	Lot 2 Development	This project adds a 10,500 square foot skatepark.	0	5th Ave N/Republican St

Amounts in thousands of dollars

Appendix B

Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
Seattle Center				
S0702	Monorail Improvements Debt Service	This project provides for the payment of debt service on 10-year LTGO bonds issued in 2007 to fund rehabilitation work on the Seattle Center monorail. LTGO bonds are one fund source for the work described in the Department's Monorail Improvements project (S9403).	$551	Seattle Center
Department of Parks and Recreation				

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
K730300	Major Maintenance Backlog and Asset Management	This ongoing project provides funding for major maintenance projects for assets in all of the city parks and recreation facilities, including athletic fields, play areas, swimming pools, trails, buildings, accessibility elements, outdoor infrastructure, and related work. This project also funds a new integrated asset management and work order system to better track and forecast long-term asset and maintenance needs. The project also increases Parks' ability to remove property encroachments. Typical major maintenance improvements may include, but are not limited to renovating buildings, Americans with Disabilities (ADA) access improvements, replacing play area structures, forest, landscape, trail maintenance and improvements, swimming pool repairs, athletic field refurbishment, and installation of energy efficient lighting, and related major maintenance work. These projects will address health and safety codes, extend the life of the asset, improve access for all, reduce energy costs, reclaim Parks property, and improve the overall park experience for the public. This project is part of the Metropolitan Parks District measure put before voters in 2014.	$16,862	CityWide

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
K730311	Smith Cove Park Development	This project, funded by the MPD, develops the 4.9 acre waterfront portion of Smith Cove Park located just west of Pier 91 on Elliott Bay. The park will be developed following a planning and design process for the site. These amenities may include paths, landscaping, waterfront access points, a play area, and related improvements. Some improvements will also be made to the existing part of Smith Cove Park (west of this site), currently used for sports such as soccer. The improved park will provide waterfront access and ADA accessibility; provide enhanced opportunities for active recreation, increase environmental-sensitivity, and make the park inviting and usable for more people.	$550	W Galer ST / 23rd Ave W

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
K732493	Parks Central Waterfront Piers Rehabilitation	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 Central Waterfront Improvement Fund will pay for the rehabilitation. This project is part of the overall waterfront improvement program.	$2,247	Alaska Way / Peir 62/63
Department of Finance and Administration				

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
A1APSCH101	Asset Preservation - Schedule 1 Facilities	This ongoing program provides for long term preservation and major maintenance to the Department of Finance and Administration's schedule 1 facilities. Schedule 1 facilities comprise 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.	$4,411	Various locations

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
A1APSCH201	Asset Preservation - Schedule 2 Facilities	This ongoing program provides for long term preservation and major maintenance to the Department of Finance and Administration's schedule 2 facilities. Schedule 2 facilities comprise 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, Finance and Administrative Services 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.	$2,981	Various locations
A1FL122	Fire Station 22	This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 22. The existing Fire Station 22 is seismically vulnerable, and cannot feasibly be renovated to support modern emergency equipment. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the Roanoke community.	$3,885	901 E Roanoke St

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adotped Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
A1PS205	Fire Station 5	This project, located on the downtown Seattle waterfront, provides a seismic and safety upgrade for Fire Station 5 and makes minor functional improvements to the facility. The project protects fire fighters in the event of an earthquake and allows them to provide high-quality marine and land-based emergency service.	$2,242	925 Alaska Way
Seattle City Light				
6422	Diablo Powerhouse - Rebuild Generator Unit 31	This project rebuilds Generator 31 at Diablo Powerhouse, which provides 4.4 percent of the total power Seattle City Light generates. This project is part of the Utility's Generator Rebuild Program, a series of projects to maintain and extend the useful life of the Utility's aging generators. The program rebuilds ten generators, accounting for 70 percent of City Light's generating capability.	$5,101	Milepost 126 State Highway 20
6415	Skagit Powerhouses - Install Protection Relays	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.	$854	Newhalem Creek Rd, Marblemount, WA 98267

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
6520	Skagit - Facilities Plan	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.	$2,265	Skagit
6385	Power Production - Network Controls	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.	$1,513	Newhalem Creek Rd, Marblemount, WA 98267
9006	Safety Modifications	This ongoing project modifies City Light's facilities and provides equipment to correct imminent and critical safety hazards. The project includes upgrades and revisions to systems, equipment and operations, properties and facilities, as needed to comply with safety regulations and best practices for a safe, efficient, and secure work environment.	$1,290	Citywide

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
8461	Transmission Line Inductor Installation	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.	$6,958	
8462	Transmission Line Reconductoring	This project addresses the issue of increased electric transmission congestion load growth in the Puget Sound Area by increasing the capacity of the Bothell-SnoKing double circuit 230kv line to meet area reliability requirements. The project funds the re-conductoring of both the Bothell-SnoKing double circuit 230kV line and the Delridge-Duwamish 230kV line to increase capacity and meet regional reliability requirements.	$7,072	

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
8425	Distribution Automation	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 will provide the ability to automatically perform outage restoration, shift blocks of load to maximize efficiencies of feeders, and reconfigure the feeder grid. Typical operation will involve 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.	$3,190	Citywide
8465	Broadband - City Light	This project provides support for expansion of broadband service to the entire City. This will involve the installation of approximately 200-250 miles of fiber optic cable, impacting about 8,000 - 10,000 utility poles. Types of construction City Light will perform include pole replacements, relocations of existing wires, equipment installation, commissioning, and inspections. This work is 100% customer driven and reimbursable.	$2,600	CityWide

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
9957	Enterprise Geographic Information System	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).	$1,990	CityWide
9962	Enterprise Document Management System	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.	$1,033	CityWide

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
9970	PeopleSoft Reimplementation - City Light	The PeopleSoft reimplementation and upgrade is a City-wide effort to replace the City's accounting system with an upgraded version of the PeopleSoft software. In addition to City Light's costs for the upgrade, reflected in the 2013-2020 Strategic Plan - FinMAP CIP Project 9961, this project includes $6.2M from the 2014 Strategic Plan update, which is a 25% allocated share of the City's Financial and Administrative Services departments estimated project costs.	$14,484	CityWide
Seattle Department of Transportation				
TC367610	Pavement Microsurfacing	This program funds the microsurfacing of streets. Microsurfacing creates a protective layer which preserves the underlying structure and prevents the need for more expensive repairs in the future. It extends the life of the pavement from seven to ten years.	$2,500	CityWide

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
TC367630	Overlook Walk and East-West Connections Project	Removing the Alaskan Way Viaduct provides the opportunity for the City to improve key connections between the downtown core and the waterfront. The specific east/west streets targeted for improving connections include: Bell Street, Union Street, Pike Street, Pine Street, Main Street, Washington Street, and Railroad Way. In addition to these east/west street connections, the waterfront improvement program also includes Overlook Walk, which would provide a pedestrian oriented connection between the waterfront, the Aquarium and Pike Place Market with ADA access, views, and public open spaces. This project is part of the overall waterfront improvement program.	$1,605	Pike Place Market
TC367240	Broadway Streetcar Extension	This project extends the First Hill Streetcar to the north end of Broadway (approximately Denny Way to Roy Street). The First Hill Streetcar line is currently under construction and will connect First Hill employment centers to the regional Link light rail system, including but not limited to the International District/Chinatown Station, and Capitol Hill Station at Broadway and John Street. This half-mile extension to the retail core of Broadway will reach a high density residential area with reliable frequent service (approximately 10 minute headways) mirroring the hours of operation of Link light rail system.	$1,065	Broadway E between Denny Way & Roy St.

Seattle Public Utilities

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
C1207	Transmission Pipelines Rehabilitation	This 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 (DOH).	$2,568	CityWide
C1601	Watershed Road Improvement/Decommissioning	This 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.)	$981	Ceder River
C2302	South Transfer Station Rebuild	This program provides for the replacement of the existing South Recycling and Disposal Station (SRDS) in South Park. The existing solid waste transfer station was built in 1966 and is outdated and nearing the end of its useful life. The design and construction of replacement facilities is a two phase project. The first phase includes the development of a new transfer station and associated facilities adjacent to the existing facility on a 9.1 acre parcel to the northwest of the existing station. The second phase includes demolition of the existing facilities and development of new recycling and reuse facilities, a household hazardous waste facility, and other utility facilities.	$6,732	8100 2nd Ave S

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
C2306	North Transfer Station Rebuild	This project provides for the replacement of the existing North Recycling and Disposal Station (NRDS) in Wallingford. The existing station was built in 1967 and is outdated and nearing the end of its useful life. The project includes the demolition of the existing transfer station and warehouse building on the adjacent property to the east. The new transfer station campus includes the tipping floor, recycling facility, educational center, new administrative building and employee facilities.	$18,949	1350 N 34th St
C3609	S Henderson Combined Sewer Overflow Storage	This project provides construction of combined sewer overflows (CSO) facilities in the Henderson area in the southeast part of Seattle. Facilities will be built to meet level of service requirements for CSOs and comply with state and federal regulations. The project will meet requirements of the City's current National Pollutant Discharge Elimination System (NPDES) Wastewater Discharge Permit. Maintenance costs will not begin until after 2020, when the project completes construction.	$26,134	S Henderson St

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
C3610	Green Stormwater Infrastructure Program	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 raingardens, permeable pavement alleys, 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.	$6,936	CityWide

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
C3614	Ship Canal Water Quality Project	The City of Seattle (the City) has prepared a comprehensive strategy, called The Plan to Protect Seattle's Waterways (the Plan); to reduce overflows and discharge of pollutants from combined sewers and the storm drain system. The City must control sewer discharges to protect public health, the environment, to comply with the Clean Water Act, the United States District Court Consent Decree, and state regulations. On May 29, 2015, the City submitted the plan to EPA and Ecology for approval. The Plan recommends a Shared West Ship Canal Project (aka Ship Canal Water Quality Project) between SPU and King County to provide offline storage of Combined Sewer Overflows for SPU Ballard CSO basins (outfalls 150/151 and 152), Fremont/Wallingford CSO basins (outfalls 147 and 174), King County's 3rd Ave West regulator (DSN 008) and King County's avenue NW Regulator (DSN 004). The Project has a storage capacity of 15.24 million gallons and will bring the seven CSO basins into compliance with the State's control standard of one untreated overflow per year per outfall on a 20-year moving average.	$17,690	

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
C3710	Pipe Renewal Program	SPU operates and maintains approximately 1,400 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. There are a number of factors that impact pipe life thereby creating complex renewal decisions. This program is a capital reinvestment program into the repair, replacement, rehabilitation and renewal of the collection system by various contracting and construction methods.	$13,520	CityWide
C4106-DWF	Operational Facility - Construction - DWF	This ongoing facilities program renovates, rehabilitates, and replaces existing buildings and constructs new facilities at various locations within the city limits to address deficiencies, failures, and functional changes in the SPU Lines of Business. Typical improvements include, but are not limited to, roof replacements, exterior wall or cladding replacements, and improvements to administrative office space, crew and shop space, lighting, heating and ventilation systems, and facilities structures. These improvements increase the useful life of the facilities, preserve the value of the assets, and provide a safe working environment.	$9,442	CityWide

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
C4106-WF	Operational Facility - Construction - WF	This ongoing facilities program renovates, rehabilitates, and replaces existing buildings and constructs new facilities at various locations within the city limits to address deficiencies, failures, and functional changes in the SPU Lines of Business. Typical improvements include, but are not limited to, roof replacements, exterior wall or cladding replacements, and improvements to administrative office space, crew and shop space, lighting, heating and ventilation systems, and facilities structures. These improvements increase the useful life of the facilities, preserve the value of the assets, and provide a safe working environment.	$1,753	CityWide
C5406	Science & System Performance	This ongoing program 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 program enhances SPU's ability to control water quality and comply with environmental and health regulations.	$942	CityWide

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Capital Projects passing the $5 million threshold with the 2016 allocations (as Adopted in the 2016 Adopted Budget)

Project ID	Project Title	Project Description	2016 (000's)	Location
C5407	Asset Information Management	This ongoing program provides applications, upgrades and data management tools in support of SPU's work and asset management programs. Several new and updated technology solutions designed to enhance the efficiency and effectiveness of drinking water, sewer, drainage, and solid waste operations are planned. These include the development of an Asset Data Register in support of performance analytics, and dispatch and emergency response systems. Other related, but as yet undetermined projects will be undertaken to further enhance safety and improve responsiveness of SPU's utility operations.	$2,744	CityWide

1% for Art: A program administered by the Office of Arts and Cultural Affairs (OACA) that sets aside one percent of City capital improvement project funds for the commission, purchase, and installation of artworks.

2000 Parks Levy ("Neighborhood Parks, Green Spaces, Trails, and Zoo Levy"): A $198.2 million, eight-year levy lid lift passed by Seattle voters in November 2000. The levy is designed to fund more than 100 park, open space, and recreation projects throughout the city.

2008 Parks Levy ("Parks and Green Spaces Levy"): A $145.5 million, six-year levy lid lift passed by Seattle voters in November 2008. The levy is designed to fund park and green space acquisition, capital expansion and renovation of parks, and park facilities throughout the city.

Americans with Disabilities Act (ADA): A comprehensive civil rights law for people with disabilities, passed by the federal government in 1990.

Allocation: The expenditure amount planned for a particular project or service that requires additional legislative action, or "appropriation," before expenditures are authorized.

Appropriation: A legal authorization granted by the City's legislative authority (the City Council) to make expenditures and incur obligations for specific purposes.

Asset Preservation (also known as Major Maintenance): Capital improvement projects that involve major repairs or rehabilitation of existing City facilities.

Capital Improvement Program (CIP): Annual appropriations from specific funding sources are shown in the City's budget for certain capital purposes, such as street improvements, building construction, and some types of facility maintenance. The CIP is a six-year allocation plan presented as a document separate from the Budget, that details all projects, fund sources, and expenditure amounts, including many multi-year projects that require funding beyond the one-year period of the annual Budget.

Capital Projects Funds: Funds with resources set aside to acquire or construct major capital facilities that allow the monitoring of revenues and expenditures of authorized voter approved and Councilmanic bonds and levies.

Capital Projects Passing the $5 million appropriation threshold with 2016 Allocations (Appendix): Pursuant to the 1999 settlement agreement in CLEAN, et. Al v. City of Seattle, the City has adopted policies regarding public notification when capital projects cross certain spending thresholds. Resolution 31203 updated those policies to require a list of all Capital Projects for which the City has cumulatively spent more than $5 million with the adoption of the current annual Budget be published as an appendix to the Capital Improvement Program.

Community Development Block Grant (CDBG): An annual grant to Seattle and other local governments from the U.S. Department of Housing and Urban Development to support economic development projects, housing and services in low-income neighborhoods.

Comprehensive Drainage Plan: A Citywide drainage management program for capital improvements and ongoing maintenance. It establishes a monitoring program and identifies measures to control flooding and pollution, such as regulatory controls and public education.

Cumulative Reserve Subfund (CRS): A significant source of ongoing local funding to support capital projects in general government departments. The CRS consists of two accounts: the Capital Projects

Account and the Revenue Stabilization Account. The Capital Projects Account has seven subaccounts: REET I, REET II, Unrestricted, South Lake Union Property Proceeds, Street Vacation, Asset Preservation and the Bluefield Preservation fund. The Real Estate Excise Tax (REET) is levied on all sales of real estate with the first .25% of the locally imposed tax going to REET I and the second .25% for REET II.

Design Build Operate (DBO): A non-conventional approach to implementation of major capital projects, wherein a single vendor is responsible for design, construction, and long-term operation of a facility.

Debt Service: Annual principal and interest payments that local government owes on money that it has borrowed.

Endangered Species Act (ESA): Legislation passed by the federal government in 1973 to conserve the ecosystems upon which endangered species depend upon, and to conserve and recover listed species.

Fire Facilities and Emergency Response Levy: A $167 million, eight-year levy lid lift, approved by voters on November 4, 2003. The Levy includes funds for more than 40 projects to upgrade, renovate, or replace most of the City's fire stations, construct new support facilities for the Fire Department, construct a new Emergency Operations Center and Fire Alarm Center, procure two new fireboats and rehabilitate an existing one.

Fund Balance: The difference between the assets and liabilities of a particular fund. This incorporates the difference between the revenues and expenditures each year.

General Subfund (also known as General Fund): A central fund into which most of the City's general tax revenues and discretionary resources are pooled, allocated to support many of the operations of City government. General Subfund dollars appear in the CIP in two places: the General Subfund contribution to the Cumulative Reserve Subfund (if any), and appropriations to capital projects from a department's operating budget.

Geographic Information System (GIS): A tool that enables users to analyze and understand the spatial relationships among things that exist and occur in a given location. The results of geographic analysis can be communicated with maps and/or reports.

Growth Management Act (GMA): Passed by the legislature in 1990, the Growth Management Act encourages strategic land use planning and provides protection for environmentally sensitive areas.

Habitat Conservation Plan (HCP): A 50-year commitment by the City and its Seattle Public Utilities to protect and restore the Cedar River Watershed.

Leadership in Energy and Environmental Design (LEED): A green building rating system for new and existing commercial, institutional, and multi-family residential buildings that evaluates environmental performance from a "whole building" perspective. There are four rating levels: Bronze, Silver, Gold, and Platinum.

Levy Lid Lift: An increase in regular property taxes for a general or designated purpose (See 2008 Parks Levy and Bridging the Gap for examples).

Limited Tax General Obligation ("LTGO," or "Councilmanic") Bonds: Bonds that are issued by the City Council without voter approval. The debt service on these bonds is typically repaid from existing general government revenues or from revenues generated by the project(s) financed with the bonds.

Major Maintenance: See "Asset Preservation" above.

Municipal Art Plan: A plan prepared by the Office of Arts and Cultural Affairs that establishes budgets for new 1% for Art program projects and describes the status of existing projects.

Neighborhood Matching Subfund (NMF): A fund administered by the Department of Neighborhoods to provide money to Seattle neighborhood groups and organizations for neighborhood-initiated improvement, organizing, or planning projects. The community's contribution of volunteer labor, materials, professional services or cash is "matched" by cash from the fund.

Operating Budget: That portion of a budget that deals with recurring expenditures such as salaries, electric bills, postage, printing, paper supplies, and gasoline.

Public Works Trust Fund: A low-interest state revolving loan fund designed to help local governments with the repair, replacement, and rehabilitation of public works infrastructure.

REET I and REET II: The Real Estate Excise Tax (REET) is levied on all sales of real estate with the first .25% of the locally imposed tax going to REET I and the second .25% for REET II.

Seattle Park District: In August 2014, voters passed a ballot measure creating the Seattle Park District. The goal of the park district is to provide long-term, stable funding to support recreation programing, parks projects and the critical needs for investment in major and ongoing maintenance. The Park District will provide over $30 million annually for major maintenance and capital projects.

Unlimited Tax General Obligation ("UTGO" or "voted") Bonds: Bonds issued after receiving approval by 60% of the voters in an election with at least a 40% turn-out. The debt service on these bonds is repaid from additional ("excess") property tax revenues that voters approve as part of the bond measure.