

CITY OF  
**Seattle, Washington**  
**2014-2019 Proposed Capital Improvement Program**



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# CITY OF SEATTLE

## 2014-2019 Proposed Capital Improvement Program

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**City of Seattle**  
**2014-2019 Proposed Capital Improvement Program**

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### Reader's Guide to the 2014-2019 Proposed Capital Improvement Program

The City of Seattle's 2014-2019 Proposed Capital Improvement Program (CIP) includes an introduction, departmental sections, appendix, an index, and a glossary. The introduction provides information on the CIP, allocations, funding sources for capital projects, significant initiatives, support for neighborhoods and neighborhood plan projects, and policies guiding the City's capital investments.

Departmental sections comprise the majority of the CIP document, and contain detailed information on approximately 625 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>.

**Neighborhood Plan Matrix ID:** If a project is identified as being a desired activity within a neighborhood plan, the corresponding matrix ID is captured in this field.

**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 2012; the 2013 revised budget (including 2013 Adopted Budget, carry-forward balances, abandonments, and supplemental appropriations); proposed 2014 appropriations; and estimated appropriation requests for 2015-2019. "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 2014-2019 Proposed CIP totals \$5.2 billion over six years, with \$937 million of that amount designated for 2014.

### **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

Although departments on an individual basis do a thoughtful job of prioritizing their capital needs, it can be difficult to compare or prioritize needs across departments or to integrate department priorities with Citywide goals. The City Budget Office (CBO), in conjunction with the Mayor's Office, is undertaking a process to provide more clarity and transparency to CIP budget decisions. One outcome of this process is the development of CIP white papers for each department. These white papers describe department-specific funding priorities, funding challenges, and decision-making tools. The ultimate goal is to clearly communicate to all stakeholders about what CIP projects are funded and how and why the mix of projects was selected.

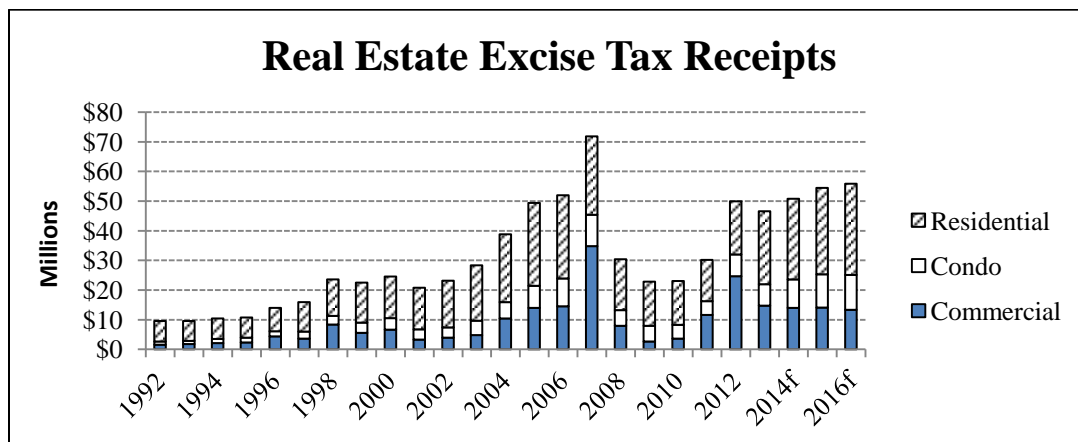
Summary information from these white papers is contained in the narrative sections for each department in this 2014-2019 Proposed CIP. For complete versions of the department white papers, please refer to the City Budget Office website: <http://www.seattle.gov/financedepartment/>

## Capital Program Funding and Recent Challenges

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. Seattle City Light and Seattle Public Utilities fund utility projects with revenues from utility rates. The utilities also issue debt to finance a portion of their capital projects. The City’s level of capital investment is based on the mix and level of financial resources available to the City.

Funding for City general government capital needs is limited and has been further hampered by the recent Great Recession. Regular 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. While projections for future years anticipate REET revenues to resume growing, large and sudden fluctuations in this revenue source make it difficult to rely 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 rebuilt the reserve over time in order to deal with future unexpected downturns in revenue. Through careful management of capital spending since 2010, the City anticipates achieving the \$10 million target reserve levels for REET in 2014. The City has not achieved the REET reserve target since 2008. The reserve is critical to ensure the City has sufficient funding to maintain 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.

Given the volatility of REET revenues, the City has prudent financial policies that limit the use of REET primarily to support cash spending on capital projects in lieu of supporting fixed debt service payments. Under current policy, any REET supporting newly issued debt can only be used in relation to the City’s

Fire Facilities and Emergency Response Levy (2003). The 2014-2019 Proposed CIP continues this policy, ensuring sufficient flexibility with REET commitments to respond to changing revenue patterns over time.

### **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. Capital voter-approved 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 City used Councilmanic debt to address the City's downtown office space requirements, including purchase of the Seattle Municipal Tower and purchase of Park 90/5, a complex of office and warehouse buildings used to house Police support facilities and some other City functions. In 2002, the City completed a Justice Center to house Police administration and the Municipal Court. City Hall opened in 2003. 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.
- The 2006 Bridging the Gap Levy – a nine-year, \$365 million levy for transportation maintenance and improvements.
- 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.
- 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).

### **Funding Dynamics for Significant Future Capital Projects**

Given general resource funding challenges, the City will continue to rely on voter-approved funding packages to complete major capital projects and to secure needed funding for basic asset preservation. The City has identified several major capital projects for which it will need funding and also identified a gap between City policies on asset preservation spending and available resources for this purpose. Given funding constraints, the City does not have sufficient resources to support every project. But the City has identified priority projects. The following sections describe these priority areas at a high level. The City will need additional voter-approved levy authority in order to fund these projects and raise asset preservation funding levels to at least minimum target levels.

#### **Transit**

The City adopted the Transit Master Plan (TMP) in 2012. The TMP provides strategic guidance for the City on how best to connect neighborhoods, businesses and people in Seattle. It maps out where investments in more environmentally sustainable modes of transportation can improve mobility and access for all users of the transportation system. The City must embrace the recommendations of the TMP and must find the means to turn those recommendations into action.

The City will invest over \$13 million in 2014 for TMP early implementation, not including Sound Transit funding of the First Hill Streetcar. Funding provided in the 2014-2019 Proposed CIP is critical to advance transit planning in Seattle. This will enable the City to be more competitive in seeking grant funding for these projects in addition to improved coordination with other regional transportation agencies. Improving our regional high capacity transit system is also critical for our local economy to remain competitive and to protect our regional natural resources.

The Citizens' Transportation Advisory Committee (CTAC III) delivered their recommendation in summer 2011 to the mayor and council and agreed that additional investments in our transportation system were prudent and that the time for action is now. While voters did not approve the package in November 2011, this important dialogue continues about how the City can make progress towards an equitable and sustainable transportation system.

#### **Public Safety Facilities**

Several public safety facilities are in need of replacement. 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 are in need of replacement. The Seawall funding package that was approved by voters in November 2012 provides a portion of the resources required for the repair of Piers 62 and 63, but additional funding is also required to complete these projects.

The 2014-2019 Proposed CIP includes General Fund-supported debt to continue work on a new Police North Precinct facility from which the Seattle Police Department serves the north end of the city. While General Fund resources are currently identified to support initial phases of the project, future phases will require additional funding from sources not yet determined.

#### **Parks Asset Preservation**

The Parks Asset Management Plan identifies \$270 million in projects over the next 6 years. Funding for asset preservation of the City's park system is below target levels and current revenue projections indicate this is unlikely to change over the next decade. The City therefore anticipates the need for renewal of the 2008 Parks Levy. The Parks Legacy Citizen's Advisory Committee is currently considering options and will make recommendations to the City in 2014.

Public input to this process is critical to ensure the proposal reflects community priorities. For additional information, see the [Parks Legacy Plan website](#). Written comments can be sent via email to [parkslegacy@seattle.gov](mailto:parkslegacy@seattle.gov).

### **Future Strategic Planning Required**

Investments are needed in the City's maintenance shops and only slow progress is currently being made on implementation of the Seattle Center Master Plan. Funding does not exist yet to support replacement of the Magnolia Bridge. While the near-term need for construction of a city jail has been avoided, a longer-term approach should be developed in the context of planning for capital expenditures across all of the areas mentioned. The City must also begin to consider how to address basic transportation funding declines when the Bridging the Gap levy ends in 2015.

### **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 2014 Proposed 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 of Seattle is interested in increasing construction employment opportunities for individuals facing barriers to jobs in the construction industry. As the local construction work force ages out, the construction industry must train new workers to ensure a steady supply of employees for local projects.

In 2013, the Mayor and City Council issued a Resolution to have FAS staff and research a possible Target Hire policy that would promote training, employment and contract strategies that would support hire of workers who are women, people of color, and other socially and economically disadvantaged residents. As a result of the Resolution, the Mayor and City Council will receive recommendations from an Advisory Committee for Construction Careers, which will direct policy that FAS will implement in 2014 to address the City's need for a diverse, local supply of a construction workers.

The City has also implemented a Project Labor Agreement for the Elliott Bay Seawall that includes unprecedented community work force provisions to seek a local and diverse work force. Substantial work will continue throughout 2013-2014 and beyond.

**Woman 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 that has very effectively encouraged and enforced commitments by contractors to use WMBE firms.

## 2014-2019 Proposed Capital Improvement Program Summary

The 2014-2019 Proposed CIP totals \$5.2 billion for six years and includes approximately 625 individual projects. \$3.1 billion of the six-year total, or 60%, are utility projects managed by Seattle City Light (SCL) and Seattle Public Utilities (SPU), and mostly are funded by utility rates. \$1.6 billion (31%) is in Seattle Department of Transportation (SDOT) over the six-year period. The remaining departments (Parks and Recreation, Finance and Administrative Services, Seattle Center, Seattle Public Library, and Department of Information Technology) account for approximately \$516 million, or 10%, of the six-year CIP.

### 2014-2019 Proposed CIP by Department (dollars in thousands)

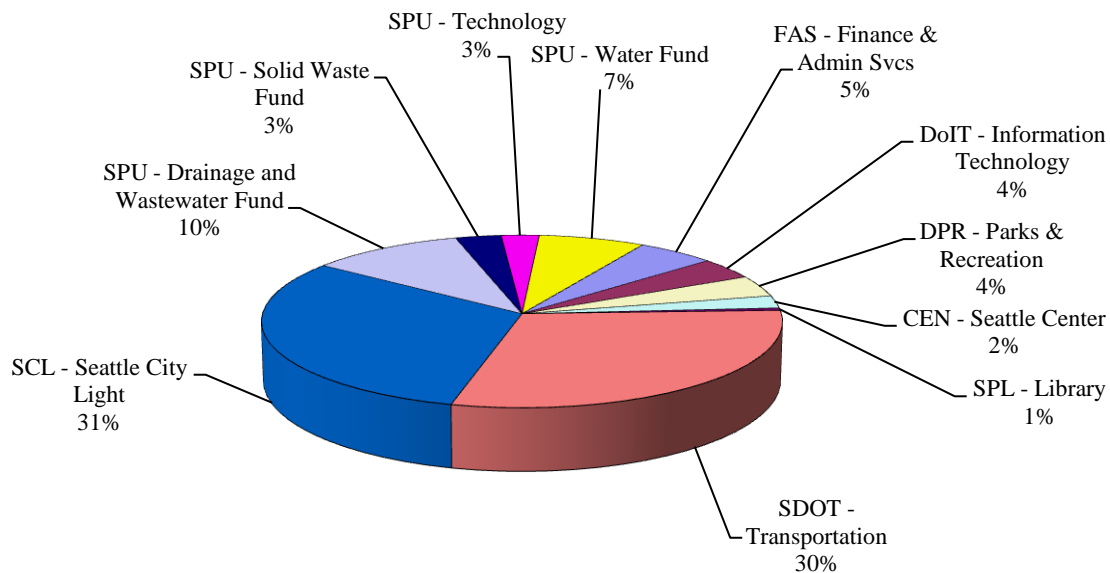
Department	2013 Adopted	2014 Proposed	2015 Estimated	2016 -19 Estimated	2014-19 Total
Finance and Administrative Services	52,865	49,568	62,714	94,112	206,394
Information Technology	12,509	37,535	31,315	48,627	117,477
Parks and Recreation	39,147	37,026	20,537	53,237	110,800
Seattle Center	8,980	21,869	4,602	31,585	58,056
Seattle Public Library	3,425	4,438	3,895	15,075	23,408
Seattle Transportation	203,357	277,568	324,717	989,808	1,592,094
<b>Subtotal</b>	<b>320,283</b>	<b>428,005</b>	<b>447,781</b>	<b>1,232,444</b>	<b>2,108,229</b>
<b>City-owned Utilities</b>					
Seattle City Light	282,734	291,159	389,666	1,265,255	1,946,080
SPU - Drainage & Wastewater	87,250	97,736	83,397	389,674	570,808
SPU - Solid Waste	11,148	28,858	50,276	54,399	133,533
SPU - Technology Projects	23,667	23,922	24,202	60,891	109,015
SPU - Water	49,803	67,235	71,512	224,068	362,815
<b>Subtotal</b>	<b>454,602</b>	<b>508,911</b>	<b>619,054</b>	<b>1,994,287</b>	<b>3,122,252</b>
<b>City Total</b>	<b>774,885</b>	<b>936,915</b>	<b>1,066,835</b>	<b>3,226,730</b>	<b>5,230,480</b>

Notes:

1. 2013 Adopted totals are based on the 2013-2018 Adopted CIP.
2. Not all funds above are appropriated; see the 2014 Proposed Budget for a list of capital appropriations by department.

### 2014-2019 Proposed Capital Improvement Program

2014 Proposed CIP by Department - \$ 937 Million



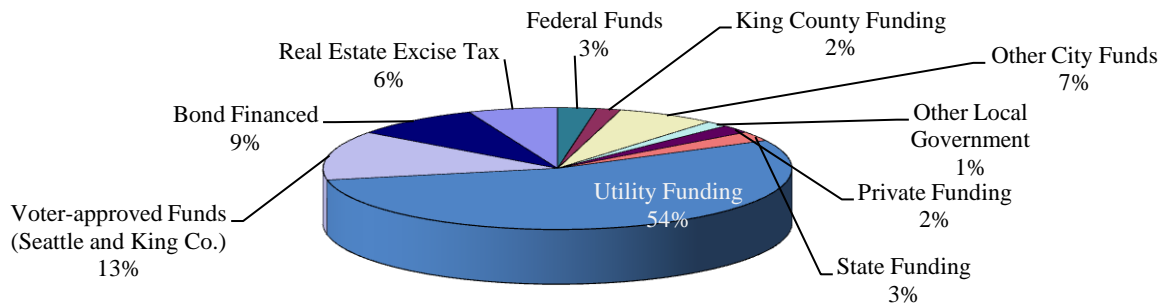
The table below identifies funding sources for the 2014-2019 Proposed CIP by Revenue Source Group.

2014-2019 Proposed CIP Revenues

Revenue Source Group (in \$1,000s)	2013 Adopted	2014 Proposed	2015 Estimated
Federal Funds	16,888	25,212	7,638
King County Funding	275	15,574	5,958
Other City Funds	38,387	63,849	96,182
Other Local Government	25,085	14,463	364
Private Funding	5,410	20,201	2,171
State Funding	17,826	23,981	33,235
To Be Determined	-	-	78,539
Utility Funding	456,373	510,626	621,241
Real Estate Excise Tax	44,044	57,784	43,486
Bond Financed	83,282	82,445	15,003
Voter-approved Funds (Seattle and King Co.)	87,316	122,780	163,018
<b>Grand Total</b>	<b>774,886</b>	<b>936,915</b>	<b>1,066.835</b>

2014-2019 Proposed Capital Improvement Program

**2014 Proposed CIP by Revenue Source - \$ 937 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 2014, the City will spend \$32 million from the Cumulative Reserve Subfund (CRS) and \$40 million overall on asset preservation of general government infrastructure in parks, libraries, civic buildings, and on the Seattle Center campus. SDOT will spend \$137 million on asset preservation of infrastructure in 2014. In the 2014-2019 Proposed CIP, the City continues to fund projects in the Department of Finance and Administrative Services through space rent charges, as recommended by the 2002 Asset Preservation Study.

[Resolution 31083](#) outlines asset preservation spending guidelines for the Cumulative Reserve Capital Projects Account for departments other than Transportation and Utilities. The resolution establishes desired target spending as well as minimum spending levels. The table below displays budgeted spending from the Capital Projects Account compared to those guidelines.

The 2014-2019 Proposed CIP increases Capital Projects Account funding for asset preservation from 2013 levels and reduces the gap between funding and target levels. However, given general revenue constraints, there is still a shortfall from needed levels.



<b>Capital Projects Account Funding for Asset Preservation in Departments Other than Transportation and Utilities</b>						
<b>\$ Million</b>	<b>2010 Adopted</b>	<b>2011 Adopted</b>	<b>2012 Adopted</b>	<b>2013 Adopted</b>	<b>2014 Proposed</b>	<b>Cumulative (2010 Through 2014)</b>
Budget <sup>1</sup>	\$15.3	\$17.1	\$24.2	\$28.6	\$32.0	\$117.1
Target	\$47.4	\$48.1	\$49.1	\$50.2	\$51.1	\$245.9
Budget minus Target	(\$32.2)	(\$31.0)	(\$24.9)	(\$21.6)	(\$19.2)	(\$128.9)
Minimum (= 65% of Target)	\$30.8	\$31.3	\$31.9	\$32.6	\$33.4	\$160.0
Budget minus Minimum Funding Requirement	(\$15.6)	(\$14.2)	(\$7.8)	(\$4.0)	(\$1.4)	(\$42.9)
1) Budget represents funding levels from the Capital Projects Account						

**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 2014 Proposed Budget.

<b>2014 CRS Appropriations By Department</b>						
(\$1,000s)	<b>2014 Endorsed</b>			<b>2014 Proposed</b>		
<b>Department</b>	<b>CRS Direct</b>	<b>Dept Capital</b>	<b>CRS Total</b>	<b>CRS Direct</b>	<b>Dept Capital</b>	<b>CRS Total</b>
<b>Subtotals by Department</b>						
Seattle Center	\$0	\$4,651	\$4,651	\$0	\$6,476	\$6,476
Seattle Public Library	\$0	\$500	\$500	\$0	\$1,382	\$1,382
Seattle Department of Transportation	\$14,101	\$0	\$14,101	\$29,116	\$0	\$29,116
Department of Parks & Recreation	\$0	\$16,774	\$16,774	\$0	\$21,013	\$21,013
Finance & Administrative Services Department	\$0	\$9,688	\$9,688	\$0	\$10,932	\$10,932
Cumulative Reserve Subfund Direct Spending	\$3,678	\$0	\$3,679	\$3,045	\$0	\$3,045
<b>Total</b>	<b>\$17,779</b>	<b>\$31,613</b>	<b>\$49,393</b>	<b>\$32,161</b>	<b>\$39,803</b>	<b>\$71,964</b>

**Neighborhood Projects**

**Support for Neighborhoods and Neighborhood Plan Projects**

The 2014-2019 Proposed CIP contains more than 120 projects, totaling approximately \$229 million, in support of neighborhood plans in 2014. 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. If the project is specifically identified as a desired activity within the neighborhood plan, a corresponding matrix number will be 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. 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 2012, resulting in the project list below. The Department of Parks and Recreation budget includes \$248,000 of CRS REET II funding and SDOT's budget includes \$752,000 of CRS REET II funding. See SDOT project TC365770 (NSF/CRS Neighborhood Program) and Parks project K732376 (Neighborhood Capital Program) for more detail.

**2014-2019 Proposed Capital Improvement Program**

2014 Neighborhood Projects Funds – Small Projects

District Council	Project ID #	Project Description	Dept	CRS/NSF Amount
Ballard	2013-034	Ramps and median island "nose" at NW 62nd St 36th Ave NW	SDOT	90,000
<b>Subtotal Ballard</b>				<b>90,000</b>
Central	2013-081	Curb ramps on east leg of East Cherry St and 21st Ave	SDOT	40,000
Central	2013-082	Basketball court resurfacing, bench installation, and facelift at Judkins Park	Parks	30,000
Central	2013-083	Game table and bench installation, plaza connecting play structures, path repair including drainage at Pratt Park	Parks	33,000
<b>Subtotal Central</b>				<b>103,000</b>
Delridge	2013-049	Replace parking cutout with planting strip, add curb and tree	SDOT	69,750
Delridge	2013-025	Improve access to Westcrest dog park including existing ADA	Parks	27,900
<b>Subtotal Delridge</b>				<b>97,650</b>
Downtown	2013-031	Pedestrian lighting at Freeway Park on the NE corner of 6th Ave and Seneca St	Parks	57,000
Downtown	2013-012	Pedestrian lighting on west side of 1st between Bell & Blanchard	SDOT	26,600
Downtown	2013-036	Restripe crosswalks at multiple locations in Pioneer	SDOT	7,000
<b>Subtotal Downtown</b>				<b>90,600</b>
East	2013-003	Curb ramps on the west leg of Madison at 8th St.	SDOT	70,000
<b>Subtotal East</b>				<b>70,000</b>

2014-2019 Proposed Capital Improvement Program

## Overview

District Council	Project ID #	Project Description	Dept	CRS/NSF Amount
Greater Duwamish	2013-065	Improvements to Duwamish Waterway Park including replacing and adding new picnic tables and adding additional plantings to existing beds and other hardscape improvements including temporary play area	Parks	56,000
Greater Duwamish	2013-043	Edge line and asphalt maintenance on NW corner of 8th Ave S/Carleton Ave S & E Marginal Way	SDOT	34,000
<b>Subtotal Greater Duwamish</b>				<b>90,000</b>
Lake Union	2013-054	Improve lighting at Cascade Park by adding city light fixtures, facing park, to existing city light poles	Parks	2,750
Lake Union	2013-029	Pedestrian half signal at Eastlake Ave E and E Allison St	SDOT	90,000
<b>Subtotal Lake Union</b>				<b>92,750</b>
Magnolia/QA	2013-073	Sidewalk repair at W Boston St from Queen Anne Ave N to alley	SDOT	90,000
<b>Subtotal Magnolia/QA</b>				<b>90,000</b>
North	2013-019	Pedestrian path design at NE 143rd and 30th Ave NE	SDOT	23,000
North	2013-008	Traffic circle at NE 105th St and 23rd Ave NE	SDOT	26,750
North	2013-079	Crosswalk ramps at Roosevelt Way NE & NE 83rd St	SDOT	65,000
<b>Subtotal North</b>				<b>114,750</b>
Northeast	2013-069	Curb ramps at 39th Ave NE and 57th and 60th St NE	SDOT	69,000
Northeast	2013-001	Sidewalk at 7514 40th Ave NE	SDOT	34,250
<b>Subtotal Northeast</b>				<b>103,250</b>
Northwest	2013-080	Curb ramps at Fremont Ave N at N 79th and N 81st streets	SDOT	60,000

### 2014-2019 Proposed Capital Improvement Program

## Overview

District Council	Project ID #	Project Description	Dept	CRS/NSF Amount
Northwest	2013-042	Curb bulb at Latona Ave NE and NE 55th St	SDOT	35,500
<b>Subtotal Northwest</b>				<b>95,500</b>
Southeast	2013-009	Curb ramps at 44th Ave S and S Graham St	SDOT	54,000
Southeast	2013-017	Improved drainage at SE corner of Rainier Ave S and S Ferdinand	SDOT	18,500
<b>Subtotal Southeast</b>				<b>72,500</b>
Southwest	2013-050	Intersection repaving at California Ave SW at Fauntleroy Way SW	SDOT	90,000
<b>Subtotal Southwest</b>				<b>90,000</b>
<b>GRAND TOTAL</b>				<b>1,200,000</b>

### Large Neighborhood Street Fund Projects

The Bridging the Gap Levy provides approximately \$1.5 million per year on a triennial basis for larger neighborhood projects estimated to cost over \$100,000. The City added an additional \$1 million for these projects, for a total of \$5.5 million over 3 years. The third, and final, round of project selection began in fall 2012. The City anticipates completion of these projects by 2015:

Area	Project	Location	Type	Amount
Greater Duwamish	Georgetown Festival Street	12th Avenue S between S Vale & S Bailey Streets	Pedestrian Improvements	1,130,000
Northwest	Greenwood Ave N Sidewalk	Greenwood Ave N between N 92nd and N 97th Streets; N 104th to N 105th Streets	Sidewalk	\$1,070,000
Magnolia / Queen Ann	Lake To Bay Loop - Harrison	W Harrison St & 1st Ave W; W Harrison St & Queen Anne Ave N	Pedestrian Improvements	\$ 500,000
Greater Duwamish	W Duwamish Trail Extension	8th Ave. S. from S Portland Street to S Kenyon Street	Trail	\$ 575,000
Southeast	Rainier Beach Pedestrian Enhancements	Rainier Ave S between Seward Park Ave S and Ithaca Pl S	Sidewalk	\$ 515,000
Downtown	Pioneer Square Accessibility	The Pioneer Square Historic District--locations on Yesler Way and sidewalk on S Jackson Street	Curb ramps	\$ 407,000

## Overview

Area	Project	Location	Type	Amount
East	12th Ave pedestrian improvements	12th Ave & E Howell Street; 12th Ave & E Olive Street	Crosswalk	\$ 385,000
Lake Union	Waterway 22 sidewalk	Western side of Stone Way N, south of N 34th St and the south side of N Northlake Way at Waterway 22	Sidewalk, Crosswalk	\$ 290,000
Central	19th & Union pedestrian improvements	19th Avenue at E Union Street; 19th Avenue at E Pike Street	Crosswalk	\$ 235,000
Ballard	W Woodland Elem pedestrian improvements	5-way intersection at 3rd Ave NW, NW 56th St, and NW 55th Place	Pedestrian Improvements	\$ 150,000
Southeast	Columbia City Sidewalk Ponding Repairs	Rainier Avenue South between South Hudson and South Dawson streets	Sidewalk repair	\$ 128,000
Central	Dearborn & Rainier multi-modal safety	Rainier Ave S and S Dearborn Street	Pedestrian Improvements	\$ 115,000
			<b>Total</b>	<b>\$ 5,500,000</b>

### Neighborhood Matching Subfund

The 2014 Proposed Budget adds \$500,000 of on-going General Fund support to [Neighborhood Matching Subfund](#) (NMF) grant programs, bringing the total amount of grant money available back to pre-recession levels. 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 2014 Proposed 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 \(MAP\)](#).

## 2014-2019 Proposed Capital Improvement Program

## Overview

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 2014, the Municipal Art Fund is expected to receive approximately \$3.1 million from capital departments for the 1% for Art program, as described below.

	2012	2013	2014
<b>1% for Art Revenues</b>	<b>Adopted</b>	<b>Adopted</b>	<b>Proposed</b>
City Light	\$303,073	\$374,785	\$134,488
Seattle Public Utilities	\$923,169	\$1,136,000	\$1,119,344
Finance & Admin. Services	\$140,099	\$14,651	\$39,891
Seattle Center	\$1,180	\$1,500	\$5,300
Parks & Recreation	\$184,540	\$148,710	\$148,960
Transportation	\$465,808	\$473,820	\$1,637,910
<b>Total</b>	<b>\$2,017,869</b>	<b>\$2,149,466</b>	<b>\$3,085,893</b>

In addition to the 1% for Art revenues identified above, Arts receives \$187,000 in 2014 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 youth member, 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;
- Pilot projects are being pursued to test new approaches and standards, such as the Living Building Challenge and the Sustainable Sites Initiative;
- Annual reporting of performance under the policy and ongoing program evaluation is required by March 31<sup>st</sup> of each year.



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

### **City of Seattle Comprehensive Plan**

The City of Seattle's Comprehensive Plan informed development of the 2014-2019 Proposed CIP. The Comprehensive Plan had its last 10-year update in 2004. The Department of Planning & Development will finalize much of the work on the next update the City's Comprehensive Plan in 2014 and early 2015. 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 City's other major maintenance needs 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 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.

### **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 and Seattle Public Utilities are also acquiring salmon habitat in the Green/Duwamish, Cedar/Lake Washington, 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 2014, the City will continue to appropriate funds to alter or address items where the City agrees accessibility can be improved. In addition, the City will undertake a comprehensive survey of City facilities to continually ensure the City's Programs and Facilities are accessible per the requirements of the ADA Regulations. 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 four implementing departments: Parks and Recreation, Seattle Center, Seattle Public Library 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, the City has added additional staff dedicated to monitoring ADA compliance of new projects. These positions are funded by capital projects.

### **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 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 will work with all citizens to be good stewards of our environment, and to provide safe and welcoming opportunities to play, learn, contemplate, and build community." Parks carries out this mission with a park system consisting of more than 430 parks and open areas totaling over 6,200 acres of property throughout the City, amounting to almost 11% of the City's land area. It includes approximately 488 buildings and 430 parks that feature 185 athletic fields, 130 children's play areas, 26 community centers, 151 outdoor tennis courts, 25 miles of boulevards, an indoor tennis center, two outdoor and eight indoor swimming pools, five golf courses, performing and visual arts studios, boat ramps, moorages, fishing piers, trails, camps, viewpoints, open spaces, a rock climbing site, a conservatory, a state-of-the-art zoo, a classical Japanese garden, and a waterfront aquarium.

## 2014-2019 CIP Highlights

The 2014 Proposed CIP includes \$37 million from a wide variety of funding sources: \$7.9 million from the 2008 Parks Levy; \$18 million in Real Estate Excise Tax (REET) revenue; \$3 million from the Cumulative Reserve Subfund; \$5.6 million in bond revenue to implement the Golf Master Plan; \$800,000 in federal Community Development Block Grant Funds; and \$1.6 million from the recently approved 2014 King County Parks Levy.

Asset management is a vital component of Parks' Capital Improvement Program. The 2014 Proposed CIP includes \$31.3 million for asset management with funding coming from REET, the 2008 Parks Levy, grants, and other sources. Asset management projects address basic infrastructure across the Parks system, such as electrical system replacement, environmental remediation, landscape restoration, synthetic ballfield replacement, irrigation system replacement, and replacing major roof and HVAC systems.

The 2014 Proposed CIP Budget includes \$2 million for the Urban Forestry-Green Seattle Partnership project (GSP) through a combination of REET funding (\$1.6 million) and 2008 Parks Levy funding (\$426,000). This combined funding will ensure that the program will be able to maintain current reforestation goals.

The Proposed CIP includes \$4 million over the next two years to renovate the South Leschi Moorage. This project may include replacing the pilings, floats, docks, electrical system, and related repairs within the existing moorage footprint/boundaries. Parks is forming a project advisory team to help shape the scope of the improvements which will be done in accordance with environmental and regulatory requirements.

Parks will continue to use federal Community Development Block Grant (CDBG) funds for the Seattle Conservation Corps. The Seattle Conservation Corps (SCC) executes Parks improvement projects in low to moderate-income neighborhoods while at the same time providing training and employment for formerly homeless adults. In 2014, the SCC will use \$808,000 in CDBG funds to improve approximately 25 parks.

Parks will use \$1 million in REET funds to remove architectural and material barriers that restrict the mobility and accessibility in public facilities in parks throughout the City to comply with the American's with Disabilities Act (ADA). A portion of this funding will be used to hire a new ADA capital projects coordinator who will focus on ADA compliance issues during the initial states of project funding, design and construction. The coordinator will also oversee accessibility improvements to existing Parks facilities.

## 2014-2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

In 2014, Parks will continue implementation of the Golf Master Plan which will provide major improvements at three City-owned golf courses (Jackson, Jefferson, and West Seattle), including building replacements, driving ranges, cart path improvements, and course and landscaping renovation. Future revenue from the golf courses will cover associated debt service payments. These improvements began in 2010 and will continue through 2015.

The 2014 Proposed CIP includes \$1.1 million of funding for major maintenance at the Seattle Aquarium as called for in the 2010 transition agreement between the City and the Aquarium. The agreement requires City funding of \$8 million of agreed-upon capital maintenance projects through 2015. Through a separate part of the agreement, the Aquarium reimburses the City for some of the debt service associated with replacing Pier 59 and redeveloping the Aquarium (\$1.6 million paid via CRS Unrestricted in 2014).

The 2008 Parks and Green Spaces Levy projects continue to comprise a significant portion of Parks CIP. Highlights to date include:

- Parks has completed eight neighborhood parks acquisitions, 15 green space acquisitions and two opportunity fund acquisitions totaling 11 acres. In addition, Parks has taken over ownership of 48.7 of acres of land from other City departments. Parks pays maintenance costs on these properties but incurred no costs for acquiring the properties.
- Parks has completed 42 of the 59 development projects; most of the remaining projects will be underway in 2014. The Seattle Department of Transportation manages the three trail projects.
- Parks' continued implementation of the environmental projects with restoration of forests, development of community gardens and increased shoreline access.

The levy allocated approximately \$20.6 million for Opportunity Fund projects through 2013. The first round of the Opportunity Fund included 13 development projects and two acquisitions. Two play field renovations were funded with savings from the Playfield sub-category and 17 major maintenance projects were funded with \$9.8 million in inflation reserves reallocated from the development category. The City Council approved the second round of the Opportunity Fund in August 2013. These appropriations total \$8 million and include 11 development and three acquisition projects.

### Funding Sources

Funds for Parks' CIP come from a variety of sources, including three levies, real estate excise taxes, the Shoreline Park Improvement Fund, bond financing, 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.

#### *2008 Parks and Green Spaces Levy*

The most recent levy is the 2008 Parks and Green Spaces Levy, which is 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 provides for acquisition of new parks and green space and for development and improvement of the various parks throughout the City. This includes renovation of 23 play areas, park development atop lidded reservoirs, renovation of several existing neighborhood and major parks, significant investments in the Langston Hughes Performing Arts Institute, and an environmental category to provide funding for the Green Seattle

### 2014-2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

Partnership, community gardens, trails, and improved shoreline access at street ends. An Opportunity Fund Category funds other community-identified projects. Through 2013, \$110 million has been appropriated from this Levy. The 2014 Proposed CIP Budget includes \$7.9 million of 2008 Levy Funds.

The City is working with the Seattle Art Museum and the 2008 Levy Oversight Committee to repurpose the \$9 million in 2008 Levy funds dedicated to renovating the Seattle Asian Art Museum in Volunteer Park. These funds require a match from private funds. Due to the Great Recession, the Seattle (Asian) Art Museum was unable raise matching funds. Once the City and the Seattle Art Museum reach an agreement, the funds will be used to address immediate major maintenance issues at other Parks facilities. The City will keep its commitment to funding the Seattle Asian Art Museum renovation at Volunteer Park in the future when private matching funds are available.

### ***Real Estate Excise Tax (REET)***

The main source of funding for Parks' capital improvement program is real estate excise tax (REET) revenue. Parks uses these funds primarily for asset management purposes such as boiler replacement, electrical system upgrades, small irrigation upgrades, ballfield improvements, roofing replacement, paving restoration, landscape and forest restoration, and others. Parks also uses the funds to replace of aging ball field lighting systems and certain Aquarium infrastructure projects.

### ***LTGO Bond Financing***

The 2014 Proposed CIP allocates \$5.6 million in bond funding to implement the Golf Master Plan. The Golf Master Plan will provide major improvements at three of the City-owned golf courses (Jackson, Jefferson and West Seattle), including a clubhouse building replacement, driving ranges, cart path improvements, and course and landscaping renovation. General obligation bonds will fund the projects and future revenue from the golf courses will cover associated debt service payments.

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

The amount of funding available for ongoing asset management of the Seattle Parks system is inadequate to keep pace with the growth and aging of the system. The Parks Asset Management Plan identifies \$270 million in needed improvements over the next six years, much of which is a backlog due to deferred maintenance over the years. The park levies provided some reinvestment in park facilities, but many critical infrastructure needs, such as roofs and water and sewer systems, have gone unaddressed.

Several large assets are in need of attention but are beyond typical REET funding levels. Waterfront Park has deteriorated and load limits restrict its use. The metal reinforcement of the concrete promenade are seismically unsound (note: these are the platforms that previously formed the bridge abutment to Pier 57 at the south end and the area that supports the fountain and other spaces near the Aquarium adjacent Pier 59). Parks staff has proposed removing most of this structure and re-building areas adjacent to the Aquarium while also improving near shore marine habitat. The Seawall Bond issue includes partial funding for renovating Piers 62 and 63, which deteriorated to the point that the popular Summer Nights on the Pier concert series were cancelled after the 2004 season.

The multiple large and aging buildings at Magnuson Park were once part of the Sand Point Naval Air Station, and they represent an ongoing challenge for Parks. Tenants occupy several buildings while other building space remains empty. The Seattle Conservation Corps uses only a small part of Building 2 while the two large hangars are empty. Parks is working to stabilize Building 18 in 2013 but the building is currently empty; Parks would need additional funding to make the renovations needed for re-use of the building. Several tenants occupy Building 138, but it is in deteriorated condition. Parks would need over \$38 million to address code deficiencies in these buildings.

## Project Selection Criteria

Parks' project selection process for the capital improvement program uses two approaches. First, for the various levy projects, projects are implemented as described in the ballot measure. In most cases, the project scope and budget have been determined during the planning for the ballot measure but in some cases allowances are made that allow for choices to be made within a programmatic direction. An example of this includes the current levy's allowance for acquisition of neighborhood park sites in urban villages that are deficient in open space. Second, Parks uses the Asset Management Plan to identify needed capital improvement projects that are funding by CRS.

The Parks Asset Management Plan (AMP) is a compendium of projects to address facility needs. Parks identifies projects through ongoing condition assessments, consultant studies, six-year facility plans, 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 Asset Management Planning process, they work collaboratively with staff throughout the department to develop project scopes and budget estimates.

Typically, all of the projects included in the asset management plan are scored and ranked with the six overarching criteria that most closely match the need for the project. Parks uses the following six criteria 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 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 require being done in the upcoming biennium (e.g., scheduled synthetic turf replacement or regulatory deadlines).



## **Anticipated Operating Expenses Associated with Capital Facilities Projects**

As part of the CIP budget process, Parks identifies operating and maintenance (O&M) costs for new facilities. When Parks proposes new projects in the CIP, operations staff develop the associated O&M costs. Parks adds the O&M costs to the operating budget through the budget development process for projects expected to be completed in the upcoming budget cycle. The amount and timing of these O&M costs change as project scopes and schedules change. Examples of projects with O&M expenses incorporated into the 2014 operating budget include Maple Leaf Reservoir Park Development, Montlake Playfield Play Area Renovation, and West Seattle Reservoir Development.

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
<b>1999 Community Center Improvements</b>					<b>BCL/Program Code:</b>				<b>K72654</b>
Belltown Neighborhood Center (K73484)	1,588	346	0	200	0	0	0	0	2,134
<b>1999 Community Center Improvements</b>	1,588	346	0	200	0	0	0	0	2,134
<b>2000 Parks Levy - Acquisition Opportunity Fund</b>					<b>BCL/Program Code:</b>				<b>K723007</b>
12th Avenue Square Park Development - Pro Parks (Formerly 12th Avenue Park) (K733239-02)	205	515	0	0	0	0	0	0	720
<b>2000 Parks Levy - Acquisition Opportunity Fund</b>	205	515	0	0	0	0	0	0	720
<b>2000 Parks Levy - Neighborhood Park Development</b>					<b>BCL/Program Code:</b>				<b>K723003</b>
University Heights Open Space Improvements (K733124)	172	82	0	0	0	0	0	0	254
<b>2000 Parks Levy - Neighborhood Park Development</b>	172	82	0	0	0	0	0	0	254
<b>2000 Parks Levy - Opportunity Fund</b>					<b>BCL/Program Code:</b>				<b>K723008</b>
Magnuson Park Wetlands and Shore Ponds (K733277)	1,006	413	0	0	0	0	0	0	1,419
<b>2000 Parks Levy - Opportunity Fund</b>	1,006	413	0	0	0	0	0	0	1,419
<b>2008 Parks Levy - P-Patch Development</b>					<b>BCL/Program Code:</b>				<b>K720031</b>
Community Food Gardens and P-Patches (K730031)	1,766	661	0	0	0	0	0	0	2,427
<b>2008 Parks Levy - P-Patch Development</b>	1,766	661	0	0	0	0	0	0	2,427
<b>2008 Parks Levy- Cultural Facilities</b>					<b>BCL/Program Code:</b>				<b>K720021</b>
Seattle Asian Art Museum Renovation (K730122)	0	4,500	0	4,500	0	0	0	0	9,000
<b>2008 Parks Levy- Cultural Facilities</b>	0	4,500	0	4,500	0	0	0	0	9,000
<b>2008 Parks Levy- Forest &amp; Stream Restoration</b>					<b>BCL/Program Code:</b>				<b>K720030</b>
Urban Forestry - Green Seattle Partnership- 2008 Parks Levy (K730136)	3,135	495	426	427	0	0	0	0	4,483
Urban Forestry - Kiwanis Ravine Restoration (K730137)	403	197	0	0	0	0	0	0	600
<b>2008 Parks Levy- Forest &amp; Stream Restoration</b>	3,538	692	426	427	0	0	0	0	5,083

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
<b>2008 Parks Levy- Green Space Acquisition</b>									<b>K720011</b>
Donations- Green Space (K730139)	32	18	0	0	0	0	0	0	50
Green Space Acquisitions- 2008 Parks Levy (K730011)	4,050	1,805	1,430	0	0	0	0	0	7,285
<b>2008 Parks Levy- Green Space Acquisition</b>	4,082	1,823	1,430	0	0	0	0	0	7,335
<b>2008 Parks Levy- Major Parks</b>									<b>K720023</b>
Major Parks- 2008 Parks Levy (K730023)	14	22	0	0	0	0	0	0	36
Washington Park Arboretum Improvements- 2008 Parks Levy (K730132)	2,172	1,049	0	0	0	0	0	0	3,221
<b>2008 Parks Levy- Major Parks</b>	2,186	1,071	0	0	0	0	0	0	3,257
<b>2008 Parks Levy- Neighborhood Park Acquisition</b>									<b>K720010</b>
Neighborhood Park Acquisitions- 2008 Parks Levy (K730010)	9,163	7,414	300	300	300	300	300	0	18,077
<b>2008 Parks Levy- Neighborhood Park Acquisition</b>	9,163	7,414	300	300	300	300	300	0	18,077
<b>2008 Parks Levy- Neighborhood Parks and Playgrounds</b>									<b>K720020</b>
Bell Street Park Boulevard Development (K730138)	795	4,205	0	0	0	0	0	0	5,000
Cedar Park Renovation (K730084)	0	500	0	0	0	0	0	0	500
Gas Works Park Play Area Renovation (K730089)	11	389	1,000	0	0	0	0	0	1,400
Hing Hay Park Development (K730091)	0	500	2,500	0	0	0	0	0	3,000
Maple Leaf Reservoir Park Development (K730099)	895	4,182	0	0	0	0	0	0	5,077
Marra-Desimone Park Development (K730100)	0	100	1,000	0	0	0	0	0	1,100
Montlake Playfield Play Area Renovation (K730102)	62	488	0	0	0	0	0	0	550
Neighborhood Parks & Playgrounds- 2008 Parks Levy (K730020)	128	229	0	0	0	0	0	0	357
Victor Steinbrueck Park Renovation (K730115)	0	400	1,200	0	0	0	0	0	1,600
Volunteer Park Play Area Renovation (K730116)	439	361	0	0	0	0	0	0	800

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
West Seattle Reservoir Park Development (K730119)	693	2,762	0	0	0	0	0	0	3,455
Woodland Park Play Area Renovation (K730120)	35	315	0	0	0	0	0	0	350
<b>2008 Parks Levy- Neighborhood Parks and Playgrounds</b>	3,058	14,431	5,700	0	0	0	0	0	23,189
<b>2008 Parks Levy- Opportunity Fund</b>									
									<b>BCL/Program Code: K720041</b>
12th Avenue Square Park Development - 2008 Parks Levy (formerly East James Court) (K730145)	110	460	0	0	0	0	0	0	570
Ballard Community Center Roof Replacement (K730159)	3	632	0	0	0	0	0	0	635
Beaver Pond Natural Area at Thorton Creek (formerly Thorton Creek Park #6) Restoration (K730152)	128	372	0	0	0	0	0	0	500
Bitter Lake Reservoir Park Renovation (K730144)	180	107	0	0	0	0	0	0	287
Comfort Station Renovations- 2008 Parks Levy (K730161)	4	296	0	0	0	0	0	0	300
East John Street Open Space Development (K730148)	11	249	0	0	0	0	0	0	260
Evers Pool Roof Repairs (K730162)	190	1,410	0	0	0	0	0	0	1,600
Fairmount Playfield Comfort Station Renovation (K730163)	2	198	0	0	0	0	0	0	200
Garfield Community Center Roof Replacement (K730165)	1	464	0	0	0	0	0	0	465
Jimi Hendrix Park Improvements (K730146)	8	1,017	0	0	0	0	0	0	1,025
Lewis Park Reforestation (K730149)	118	142	0	0	0	0	0	0	260
Lower Kinneer Park Renovation (K730150)	126	624	0	0	0	0	0	0	750
Loyal Heights Boiler And Electrical System Replacement (K730168)	208	644	0	0	0	0	0	0	852
Matthews Beach Park Bathhouse Renovation (K730170)	3	347	0	0	0	0	0	0	350
Opportunity Fund Acquisitions- 2008 Parks Levy (K730040)	529	489	0	0	0	0	0	0	1,018

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
Opportunity Fund Planning- 2008 Parks Levy (K730042)	354	191	0	0	0	0	0	0	545
Rainier Beach Playfield Play Area Renovation (K730172)	39	261	0	0	0	0	0	0	300
Rainier Beach Playfield Tennis Courts and Lighting Replacement (K730173)	126	1,174	0	0	0	0	0	0	1,300
Rainier Beach Urban Farm and Wetlands Improvements (K730153)	89	411	300	0	0	0	0	0	800
Santos Rodriguez Memorial Park (El Centro de la Raza) Play Area Improvements (K730154)	79	271	0	0	0	0	0	0	350
Seward Park Water System Replacement (K730174)	17	2,183	0	0	0	0	0	0	2,200
Troll's Knoll (Aurora Avenue N. and N 36th St.) Park Development (K730155)	15	670	0	0	0	0	0	0	685
University Heights - South Lot Development (K730156)	15	732	0	0	0	0	0	0	747
<b>2008 Parks Levy- Opportunity Fund</b>	2,355	13,344	300	0	0	0	0	0	15,999
<b>2008 Parks Levy- Shoreline Access</b>									<b>BCL/Program Code: K720032</b>
Shoreline Access- Street Ends (K730032)	239	186	75	0	0	0	0	0	500
<b>2008 Parks Levy- Shoreline Access</b>	239	186	75	0	0	0	0	0	500
<b>Ballfields/Athletic Courts/Play Areas</b>									<b>BCL/Program Code: K72445</b>
Mt Baker Park Play Area Renovation (K732482)	0	0	550	0	0	0	0	0	550
Ballfield Lighting Replacement Program (K732310)	2,549	469	100	0	146	500	500	500	4,764
Ballfields - Minor Capital Improvements (K732415)	252	68	45	50	50	50	50	50	615
Bobby Morris Playfield Turf Replacement (K732452)	0	0	0	0	0	802	0	0	802
Georgetown Playfield Turf Replacement (K732456)	0	0	0	0	0	0	870	0	870
Interbay Stadium Synthetic Turf Replacement (K732451)	0	0	610	0	0	0	0	0	610
Lower Woodland Park Playfield #2 Synthetic Turf Replacement (K732477)	0	0	0	0	0	0	0	550	550

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
Lower Woodland Park Playfield #7 Synthetic Turf Replacement (K732478)	0	0	0	0	0	0	0	425	425
Lower Woodland PF #1 Infield Turf Replacement (K732447)	0	305	0	0	0	0	0	0	305
Magnuson Park (5 Fields) Synthetic Turf Replacement ( K732479 )	0	0	0	0	0	0	0	1,532	1,532
Miller Playfield Synthetic Turf Replacement (K732475)	0	0	0	0	0	0	0	495	495
Play Area Renovations (K732468)	0	0	0	0	0	107	500	500	1,107
Play Area Safety Program (K732403)	295	145	108	150	150	150	150	150	1,298
Pratt Park Water Feature Renovation (K732469)	0	0	0	0	0	0	0	0	0
Queen Anne Bowl Playfield Turf Replacement (K732470)	0	0	0	0	0	0	480	0	480
Sam Smith Park Play Area Renovation (K732481)	0	0	350	0	0	0	0	0	350
Tennis & Basketball Court Renovation Program (K732404)	168	82	45	100	100	100	100	100	795
<b>Ballfields/Athletic Courts/Play Areas</b>	3,264	1,069	1,808	300	446	1,709	2,650	4,302	15,548
<b>Building Component Renovations</b>									
									<b>BCL/Program Code: K72444</b>
ADA Compliance - Parks (K732434)	31	1,308	1,010	0	0	0	0	0	2,349
Boiler and Mechanical System Replacement Program (K732306)	996	233	100	158	175	175	175	175	2,187
Comfort Station Renovations (K732453)	0	0	0	0	363	0	526	0	889
Crew Quarters Replacement (Magnuson Park) (K732424)	46	82	75	1,054	0	0	0	0	1,257
Electrical System Replacement Program (K732307)	789	276	135	150	150	150	150	150	1,950
Emergency Shelter Generator Renovations (K732440)	8	492	0	0	0	0	0	0	500
Gilman Playground Shelterhouse Sewer Replacement (K732457)	0	0	0	0	122	0	0	0	122

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
Green Lake CC - Evans Pool Roof Replacement & Solar Hot Water (K732448)	0	334	1,338	0	0	0	0	0	1,672
Green Lake Community Center Electrical and Mechanical Renovation (K732459)	0	0	0	0	0	0	0	0	0
Hiawatha Community Center Renovation (K732461)	0	0	0	0	0	0	0	0	0
HVAC System Duct Cleaning Program - Large Buildings (K732421)	106	34	35	35	35	35	35	35	350
Jefferson Community Center Renovation (K732462)	0	0	0	0	0	0	0	661	661
Lake City Community Center Improvements (K732472)	0	75	425	0	0	0	0	0	500
Loyal Heights Community Center Renovation (K732464)	0	0	0	197	1,671	0	0	0	1,868
Magnuson Building #2 Partial Roof and Seismic Repairs (K732466)	0	2,000	0	0	0	0	0	0	2,000
Magnuson Park Building #406 Roof Replacement (K732467)	0	0	186	0	0	0	0	0	186
Magnuson Park Building 18 Renovation (K732389)	27	1,001	0	0	0	0	0	0	1,028
Magnuson Park Building 30 Renovation (K732442)	825	7,573	0	0	0	0	0	0	8,398
Magnuson Park Electrical System Renovation (K732445)	0	753	1,395	0	0	0	0	0	2,148
Municipal Energy Efficiency Program - Parks (K732433)	411	452	0	0	0	0	0	0	863
Parks Facility Access Controls (K732476)	0	0	1,525	0	0	0	0	0	1,525
Rainier Beach Community Center Redevelopment (K732337)	15,526	9,447	0	0	0	0	0	0	24,973
Roof & Building Envelope Program (K732420)	720	333	203	350	350	350	350	350	3,006
Seattle Asian Art Museum Restoration (K732369)	821	1,279	0	0	0	0	0	0	2,100
Utility Conservation Program (K732336)	1,855	500	194	355	355	355	355	355	4,324

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Volunteer Park Conservatory Renovation (K732443)	0	22	2,978	0	0	0	0	0	3,000
<b>Building Component Renovations</b>	22,161	26,194	9,599	2,299	3,221	1,065	1,591	1,726	67,856
<b>Citywide and Neighborhood Projects</b>									<b>BCL/Program Code: K72449</b>
Landscape Restoration Program (K732402)	1,290	540	387	430	430	430	430	430	4,367
Neighborhood Capital Program (K732376)	466	303	207	0	0	0	0	0	976
Neighborhood Response Program (K732416)	641	226	180	250	250	250	250	250	2,297
Trails Renovation Program (K732419)	975	325	293	350	350	350	350	350	3,343
<b>Citywide and Neighborhood Projects</b>	3,372	1,394	1,067	1,030	1,030	1,030	1,030	1,030	10,983
<b>Debt and Special Funding</b>									<b>BCL/Program Code: K72440</b>
Aquarium - Pier 59 Piling Replacement and Aquarium Redevelopment Debt Service (K732283)	10,620	2,876	3,174	3,321	1,730	1,728	1,732	1,728	26,909
Gas Works Park - Remediation (K73582)	1,292	235	303	560	402	812	2,088	1,065	6,757
Golf - Capital Improvements (K732407)	662	1,568	0	0	100	100	100	0	2,530
Golf Master Plan Implementation (K732391)	3,362	5,662	5,561	0	0	0	0	0	14,585
Hubbard Homestead Park (Northgate) Acquisition- Debt Service (K732321)	1,025	241	239	239	242	241	243	241	2,711
Parks Maintenance Facility Acquisition - Debt Service (K73502)	7,837	642	619	561	563	562	561	559	11,904
Puget Park - Environmental Remediation (K73127)	225	230	75	0	0	0	0	0	530
<b>Debt and Special Funding</b>	25,023	11,454	9,971	4,681	3,037	3,443	4,724	3,593	65,926
<b>Docks/Piers/Floats/Seawalls/Shorelines</b>									<b>BCL/Program Code: K72447</b>
Aquarium Major Maintenance Commitment (K732436)	27	963	849	1,124	0	0	0	0	2,963
Aquarium Pier 60 Piling and Corrosion Renovation (K732382)	1,559	2,755	273	0	0	0	0	0	4,587
Beach Restoration Program (K732303)	502	85	0	12	25	25	25	0	674
Boat Moorage Restoration (K732408)	62	168	2,060	2,060	60	60	60	60	4,590

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Emma Schmitz Sea Wall Replacement (K732454)	0	0	50	0	0	0	0	0	50
Green Lake Park Alum Treatment (K732460)	0	0	0	0	0	484	1,016	0	1,500
<b>Docks/Piers/Floats/Seawalls/ Shorelines</b>	2,150	3,971	3,232	3,196	85	569	1,101	60	14,364
<b>Forest Restoration</b>									<b>BCL/Program Code: K72442</b>
Seward Park Forest Restoration (K732367)	599	110	101	104	111	114	58	0	1,197
Urban Forestry - Forest Restoration Program (K732410)	511	193	186	200	200	200	200	200	1,890
Urban Forestry - Green Seattle Partnership (K732340)	4,100	1,621	1,583	1,597	1,700	1,700	1,700	1,700	15,701
Urban Forestry - Tree Replacement (K732339)	1,013	104	50	95	95	95	95	95	1,642
Urban Forestry- West Duwamish Restoration (K732431)	295	205	0	0	0	0	0	0	500
<b>Forest Restoration</b>	6,518	2,233	1,920	1,996	2,106	2,109	2,053	1,995	20,930
<b>Parks Infrastructure</b>									<b>BCL/Program Code: K72441</b>
Environmental Remediation Program (K732401)	322	117	67	100	100	100	100	100	1,006
Fountain Discharge Retrofit (K732444)	1	499	0	0	0	0	0	0	500
Irrigation Replacement and Outdoor Infrastructure Program (K732406)	570	260	180	300	300	300	300	300	2,510
Parks Upgrade Program (K732422)	1,509	523	808	808	808	808	808	808	6,880
Pavement Restoration Program (K732418)	468	911	143	400	400	400	400	400	3,522
SR 520 Bridge Replacement and HOV Project Mitigation (K732435)	647	406	0	0	0	0	0	0	1,053
Zoo Parking Garage Development (K732471)	0	0	0	0	0	0	0	0	0
<b>Parks Infrastructure</b>	3,517	2,716	1,198	1,608	1,608	1,608	1,608	1,608	15,471
<b>Pools/Natatorium Renovations</b>									<b>BCL/Program Code: K72446</b>
Pool Plaster Liner Replacements (K732455)	0	0	0	0	0	0	200	0	200
<b>Pools/Natatorium Renovations</b>	0	0	0	0	0	0	200	0	200

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>West Point Settlement Projects</b>									<b>BCL/Program Code: K72982</b>
Discovery Park - Capehart Site Restoration (K731242)	456	93	0	0	0	0	0	0	549
Discovery Park - Contingency and Opportunity Fund (K731241)	317	31	0	0	0	0	0	0	348
Discovery Park North Parking Lot Renovation (K732437)	45	645	0	0	0	0	0	0	690
Shoreline and Dock Restoration (K732438)	1	59	0	0	0	0	0	0	60
<b>West Point Settlement Projects</b>	819	828	0	0	0	0	0	0	1,647
<b>Department Total*:</b>	96,182	95,337	37,026	20,537	11,833	11,833	15,257	14,314	302,319

*\*Amounts in thousands of dollars*

**2014 - 2019 Proposed Capital Improvement Program**

## Department of Parks and Recreation

### Fund Summary

Fund Name & Code	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
1999 Seattle Center/Community Centers Fund (33800)	1,588	346	0	200	0	0	0	0	2,134
2000 Parks Levy Fund (33850)	1,249	645	0	0	0	0	0	0	1,894
2002 LTGO Project (34760)	233	0	0	0	0	0	0	0	233
2008 Parks Levy Fund (33860)	26,195	44,009	7,931	5,227	300	300	300	0	84,262
2009 Multipurpose LTGO Bond Fund (35300)	5,747	1,253	0	0	0	0	0	0	7,000
2010 Multipurpose LTGO Bond Fund (35400)	609	254	0	0	0	0	0	0	863
2011 Multipurpose LTGO Bond Fund (35500)	6,039	988	0	0	0	0	0	0	7,027
2012 Multipurpose LTGO Bond Fund (35600)	7,390	6,821	0	0	0	0	0	0	14,211
2013 King County Parks Levy (36000)	0	0	1,660	0	0	0	0	0	1,660
2013 Multipurpose LTGO Bond Fund (35700)	0	13,625	0	0	0	0	0	0	13,625
2014 Multipurpose LTGO Bond Fund (35800)	0	0	5,561	0	0	0	0	0	5,561
Beach Maintenance Trust Fund (61500)	225	26	0	12	25	25	25	0	338
Community Development Block Grant Fund (17810)	0	508	808	808	808	808	808	808	5,356
Community Improvement Contribution Fund (33120)	0	0	50	0	0	0	0	0	50
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	12,272	5,738	15,074	9,541	805	803	804	800	45,837
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	25,032	13,979	2,947	2,741	9,313	9,312	12,787	12,337	88,448
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	6,435	6,124	2,992	2,008	582	585	533	369	19,628
Emergency Subfund (00185)	21	0	0	0	0	0	0	0	21
Gasworks Park Contamination Remediation Fund (10220)	1,113	79	3	0	0	0	0	0	1,195
General Subfund (00100)	138	1	0	0	0	0	0	0	139
Open Spaces & Trails Bond Fund (33620)	192	113	0	0	0	0	0	0	305
Parks 2002 Capital Facilities Bond Fund (34610)	274	0	0	0	0	0	0	0	274
Parks and Recreation Fund (10200)	611	0	0	0	0	0	0	0	611

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Shoreline Park Improvement Fund (33110)	819	828	0	0	0	0	0	0	1,647
To Be Determined (TBD)	0	0	0	0	0	0	0	0	0
<b>Department Total*:</b>	<b>96,182</b>	<b>95,337</b>	<b>37,026</b>	<b>20,537</b>	<b>11,833</b>	<b>11,833</b>	<b>15,257</b>	<b>14,314</b>	<b>302,319</b>

*\*Amounts in thousands of dollars*

**2014 - 2019 Proposed Capital Improvement Program**

## Department of Parks and Recreation

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

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2011
<b>Project ID:</b>	K730145	<b>End Date:</b>	Q1/2014
<b>Location:</b>	12th AVE/E James CT		
<b>Neighborhood Plan:</b>	Central Area	<b>Neighborhood Plan Matrix:</b>	NA-16
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	110	390	0	0	0	0	0	0	500
Private Funding/Donations	0	70	0	0	0	0	0	0	70
<b>Total:</b>	110	460	0	0	0	0	0	0	570
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	110	460	0	0	0	0	0	0	570
<b>Total*:</b>	110	460	0	0	0	0	0	0	570
<b>O &amp; M Costs (Savings)</b>			9	10	10	10	11	11	61
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		400	60	0	0	0	0	0	460
<b>Total:</b>		400	60	0	0	0	0	0	460

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### 12th Avenue Square Park Development - Pro Parks (Formerly 12th Avenue Park)

<b>BCL/Program Name:</b>	2000 Parks Levy - Acquisition Opportunity Fund	<b>BCL/Program Code:</b>	K723007
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q4/2008
<b>Project ID:</b>	K733239-02	<b>End Date:</b>	Q1/2014
<b>Location:</b>	564 12th AVE		
<b>Neighborhood Plan:</b>	Capitol Hill	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	Capitol Hill

This project provides for the development of a small urban park, in conjunction with adjacent private development (Seattle University), and conversion of E. James Court into a pedestrian environment. This project enhances a site that was transferred from Department of Neighborhoods to Department of Parks Recreation in 2007. This property was acquired under the Pro Parks Opportunity Fund program and development is funded from other sources.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	134	365	0	0	0	0	0	0	499
Street Vacations	71	150	0	0	0	0	0	0	221
<b>Total:</b>	205	515	0	0	0	0	0	0	720
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	134	365	0	0	0	0	0	0	499
2000 Parks Levy Fund	71	150	0	0	0	0	0	0	221
<b>Total*:</b>	205	515	0	0	0	0	0	0	720
<b>O &amp; M Costs (Savings)</b>			26	27	27	28	28	28	164

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Department of Parks and Recreation

## ADA Compliance - Parks

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2011
<b>Project ID:</b>	K732434	<b>End Date:</b>	TBD
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	3	1,030	0	0	0	0	0	0	1,033
Real Estate Excise Tax I	28	278	1,010	0	0	0	0	0	1,316
Federal Community Development Block Grant	0	0	0	0	0	0	0	0	0
<b>Total:</b>	31	1,308	1,010	0	0	0	0	0	2,349
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3	1,030	0	0	0	0	0	0	1,033
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	28	278	1,010	0	0	0	0	0	1,316
Community Development Block Grant Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	31	1,308	1,010	0	0	0	0	0	2,349
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		330	700	0	0	0	0	0	1,030
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		278	1,010	0	0	0	0	0	1,288
Community Development Block Grant Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		608	1,710	0	0	0	0	0	2,318

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Aquarium - Pier 59 Piling Replacement and Aquarium Redevelopment Debt Service

<b>BCL/Program Name:</b>	Debt and Special Funding	<b>BCL/Program Code:</b>	K72440
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	K732283	<b>End Date:</b>	Q4/2025
<b>Location:</b>	1483 Alaskan Wy		
<b>Neighborhood Plan:</b>	Commercial Core	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	6,672	1,619	1,618	1,617	1,559	1,557	1,557	1,559	17,758
Real Estate Excise Tax I	1,747	0	0	0	0	0	0	0	1,747
Private Funding/Donations	1,834	1,257	1,556	1,704	171	171	175	169	7,037
Private Funding/Donations	367	0	0	0	0	0	0	0	367
<b>Total:</b>	10,620	2,876	3,174	3,321	1,730	1,728	1,732	1,728	26,909
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	6,672	1,619	1,618	1,617	1,559	1,557	1,557	1,559	17,758
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	1,834	1,257	1,556	1,704	171	171	175	169	7,037
Parks and Recreation Fund	367	0	0	0	0	0	0	0	367
<b>Total*:</b>	10,620	2,876	3,174	3,321	1,730	1,728	1,732	1,728	26,909
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Aquarium Major Maintenance Commitment

<b>BCL/Program Name:</b>	Docks/Piers/Floats/Seawalls/Shorelines	<b>BCL/Program Code:</b>	K72447
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K732436	<b>End Date:</b>	TBD
<b>Location:</b>	1483 Alaskan WAY		
<b>Neighborhood Plan:</b>	Commercial Core	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	27	963	849	1,124	0	0	0	0	2,963
<b>Total:</b>	27	963	849	1,124	0	0	0	0	2,963
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	27	963	849	1,124	0	0	0	0	2,963
<b>Total*:</b>	27	963	849	1,124	0	0	0	0	2,963
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Aquarium Pier 60 Piling and Corrosion Renovation

<b>BCL/Program Name:</b>	Docks/Piers/Floats/Seawalls/Shorelines	<b>BCL/Program Code:</b>	K72447
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732382	<b>End Date:</b>	
<b>Location:</b>	1483 Alaskan Wy	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Commercial Core	<b>Urban Village:</b>	Commercial Core
<b>Neighborhood District:</b>	Downtown		

This project replaces the finger pier X-braces and deficient piles; repairs damaged concrete deck panels, beams, and selected wood decking; adds cathodic protection; and other related repairs. This project extends the useful life of the pier. Consistent with the agreement authorized by Ordinance 123205 between the City of Seattle and the Seattle Aquarium Society for the operation and management of the Seattle Aquarium, 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.

In conjunction with this project the Aquarium will renovate the Harbor Seal Exhibit at a projected cost of \$3 million with funds raised by the Seattle Aquarium Society. Approval of this project in the CIP is intended to satisfy the requirement in section 7.2.4(b) of the Operations and Management Agreement between the City and the Seattle Aquarium Society that "Any Capital Improvement projected to cost more than three million dollars (\$3,000,000), measured in 2008 dollars, shall require the City's approval, by ordinance."

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,559	2,755	273	0	0	0	0	0	4,587
<b>Total:</b>	1,559	2,755	273	0	0	0	0	0	4,587
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,559	2,755	273	0	0	0	0	0	4,587
<b>Total*:</b>	1,559	2,755	273	0	0	0	0	0	4,587
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Ballard Community Center Roof Replacement

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2012
<b>Project ID:</b>	K730159	<b>End Date:</b>	Q1/2014
<b>Location:</b>	6020 28th AVE NW		
<b>Neighborhood Plan:</b>	Crown Hill/Ballard	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Ballard	<b>Urban Village:</b>	Ballard

This project, funded with the 2008 Parks Levy Inflation Adjustment funds, replaces the roof at the community center. The existing 8,250 square foot roof will be removed, and a single-ply roof assembly, flashing, and related elements will be installed. This project will eliminate leaks in the building which degrade the structure and disrupts programming in the building.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	3	632	0	0	0	0	0	0	635
<b>Total:</b>	3	632	0	0	0	0	0	0	635
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	3	632	0	0	0	0	0	0	635
<b>Total*:</b>	3	632	0	0	0	0	0	0	635
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		600	32	0	0	0	0	0	632
<b>Total:</b>		600	32	0	0	0	0	0	632

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Ballfield Lighting Replacement Program

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

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	2,549	298	0	0	146	500	500	500	4,493
Real Estate Excise Tax I	0	171	100	0	0	0	0	0	271
<b>Total:</b>	2,549	469	100	0	146	500	500	500	4,764
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,549	298	0	0	146	500	500	500	4,493
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	171	100	0	0	0	0	0	271
<b>Total*:</b>	2,549	469	100	0	146	500	500	500	4,764
<b>O &amp; M Costs (Savings)</b>			11	11	11	12	12	12	69

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Ballfields - Minor Capital Improvements

<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas	<b>BCL/Program Code:</b>	K72445
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732415	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	133	67	0	0	50	50	50	50	400
Real Estate Excise Tax I	0	0	45	50	0	0	0	0	95
King County Funds	119	1	0	0	0	0	0	0	120
Private Funding/Donations	0	0	0	0	0	0	0	0	0
<b>Total:</b>	252	68	45	50	50	50	50	50	615
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	133	67	0	0	50	50	50	50	400
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	45	50	0	0	0	0	95
Cumulative Reserve Subfund - Unrestricted Subaccount	119	1	0	0	0	0	0	0	120
<b>Total*:</b>	252	68	45	50	50	50	50	50	615
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Beach Restoration Program

<b>BCL/Program Name:</b>	Docks/Piers/Floats/Seawalls/Shorelines	<b>BCL/Program Code:</b>	K72447
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	K732303	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides for periodic beach renourishment and related work at selected sites throughout the City. Work includes, but is not limited to, laying sand and gravel to replenish beaches that have eroded in recent years and to improve substrate for juvenile salmon habitat. This project supports the Restore Our Waters Strategy to improve Seattle's aquatic environments.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
King County Funds	277	59	0	0	0	0	0	0	336
King County Funds	225	26	0	12	25	25	25	0	338
<b>Total:</b>	502	85	0	12	25	25	25	0	674
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	277	59	0	0	0	0	0	0	336
Beach Maintenance Trust Fund	225	26	0	12	25	25	25	0	338
<b>Total*:</b>	502	85	0	12	25	25	25	0	674
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Beaver Pond Natural Area at Thornton Creek (formerly Thornton Creek Park #6) Restoration

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2011
<b>Project ID:</b>	K730152	<b>End Date:</b>	Q1/2014
<b>Location:</b>	9th AVE NE/NE 105th ST		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2008 Parks Levy Opportunity Fund, refines and completes channel work in portions of this park by relocating a portion of the creek, removing invasive plants, replanting with native plants, and performing related work. It is anticipated that the project will improve creek flow and increase the health of this ecosystem.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	128	372	0	0	0	0	0	0	500
<b>Total:</b>	128	372	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	128	372	0	0	0	0	0	0	500
<b>Total*:</b>	128	372	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			4	4	5	5	5	5	28
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		300	72	0	0	0	0	0	372
<b>Total:</b>		300	72	0	0	0	0	0	372

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Bell Street Park Boulevard Development

<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds	<b>BCL/Program Code:</b>	K720020
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2009
<b>Project ID:</b>	K730138	<b>End Date:</b>	Q4/2013
<b>Location:</b>	Bell ST		
<b>Neighborhood Plan:</b>	Belltown	<b>Neighborhood Plan Matrix:</b>	KS 1.2
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Denny Triangle

This project develops Bell Street between 1st Avenue and 5th Avenue as a Park Boulevard. After transfer of jurisdiction for this portion of Bell Street from the Seattle Department of Transportation to the Seattle Department of Parks and Recreation, a new park space will be created for the Belltown neighborhood. The Park Boulevard will provide usable park space while continuing to provide one traffic lane and reduced parking. This project is part of the 2008 Parks Levy.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	795	4,205	0	0	0	0	0	0	5,000
<b>Total:</b>	795	4,205	0	0	0	0	0	0	5,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	795	4,205	0	0	0	0	0	0	5,000
<b>Total*:</b>	795	4,205	0	0	0	0	0	0	5,000
<b>O &amp; M Costs (Savings)</b>			123	125	128	130	133	135	774
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		3,500	705	0	0	0	0	0	4,205
<b>Total:</b>		3,500	705	0	0	0	0	0	4,205

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### 2014 - 2019 Proposed Capital Improvement Program



# Department of Parks and Recreation

## Belltown Neighborhood Center

<b>BCL/Program Name:</b>	1999 Community Center Improvements	<b>BCL/Program Code:</b>	K72654
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2000
<b>Project ID:</b>	K73484	<b>End Date:</b>	Q4/2020
<b>Location:</b>	2407 1st Ave		
<b>Neighborhood Plan:</b>	Belltown	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1,588	346	0	200	0	0	0	0	2,134
<b>Total:</b>	1,588	346	0	200	0	0	0	0	2,134
<b>Fund Appropriations/Allocations</b>									
1999 Seattle Center/Community Centers Fund	1,588	346	0	200	0	0	0	0	2,134
<b>Total*:</b>	1,588	346	0	200	0	0	0	0	2,134
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
1999 Seattle Center/Community Centers Fund		140	130	130	131	146	123	0	800
<b>Total:</b>		140	130	130	131	146	123	0	800

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Bitter Lake Reservoir Park Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2011
<b>Project ID:</b>	K730144	<b>End Date:</b>	Q1/2014
<b>Location:</b>	Linden AVE N/N 143rd ST		
<b>Neighborhood Plan:</b>	Broadview-Bitter Lake-Haller Lake	<b>Neighborhood Plan Matrix:</b>	C7, C8
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	Bitter Lake Village

This project, part of the 2008 Parks Levy Opportunity Fund, provides for the development of new park elements around the Bitter Lake Reservoir. The new amenities will provide additional park uses in this densely developed neighborhood.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	180	107	0	0	0	0	0	0	287
<b>Total:</b>	180	107	0	0	0	0	0	0	287
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	180	107	0	0	0	0	0	0	287
<b>Total*:</b>	180	107	0	0	0	0	0	0	287
<b>O &amp; M Costs (Savings)</b>			15	15	15	15	15	0	75
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		97	10	0	0	0	0	0	107
<b>Total:</b>		97	10	0	0	0	0	0	107

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Boat Moorage Restoration

<b>BCL/Program Name:</b>	Docks/Piers/Floats/Seawalls/Shorelines	<b>BCL/Program Code:</b>	K72447
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732408	<b>End Date:</b>	ONGOING
<b>Location:</b>	4400 Lake Washington BLVD S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Not in an Urban Village

This project renovates City-owned boat moorages throughout the park system. Work includes, but is not limited to, repairs to the piles, caps, stringers, decking, and breakwater structures. These repairs extend the useful life 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax I	0	0	2,000	2,000	0	0	0	0	4,000
Concession Revenues	62	168	60	60	60	60	60	60	590
<b>Total:</b>	62	168	2,060	2,060	60	60	60	60	4,590
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	2,000	2,000	0	0	0	0	4,000
Cumulative Reserve Subfund - Unrestricted Subaccount	62	168	60	60	60	60	60	60	590
<b>Total*:</b>	62	168	2,060	2,060	60	60	60	60	4,590
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Bobby Morris Playfield Turf Replacement

<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas	<b>BCL/Program Code:</b>	K72445
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2017
<b>Project ID:</b>	K732452	<b>End Date:</b>	Q4/2017
<b>Location:</b>	1635 11th AVE		
<b>Neighborhood Plan:</b>	Capitol Hill	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	Capitol Hill

This project replaces the 100,000 square foot 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	802	0	0	802
<b>Total:</b>	0	0	0	0	0	802	0	0	802
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	802	0	0	802
<b>Total*:</b>	0	0	0	0	0	802	0	0	802
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Boiler and Mechanical System Replacement Program

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

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	996	233	0	0	175	175	175	175	1,929
Real Estate Excise Tax I	0	0	100	158	0	0	0	0	258
<b>Total:</b>	996	233	100	158	175	175	175	175	2,187
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	996	233	0	0	175	175	175	175	1,929
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	100	158	0	0	0	0	258
<b>Total*:</b>	996	233	100	158	175	175	175	175	2,187
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Cedar Park Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds	<b>BCL/Program Code:</b>	K720020
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	K730084	<b>End Date:</b>	Q4/2014
<b>Location:</b>	3737 NE 135th ST		
<b>Neighborhood Plan:</b>	North District/Lake City	<b>Neighborhood Plan Matrix:</b>	C36
<b>Neighborhood District:</b>	North	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the renovation of Cedar Park in northeast Seattle on land to be acquired from the School District. This project is part of the 2008 Parks Levy.

		LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
Seattle Voter-Approved Levy		0	500	0	0	0	0	0	0	500
<b>Total:</b>		0	500	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>										
2008 Parks Levy Fund		0	500	0	0	0	0	0	0	500
<b>Total*:</b>		0	500	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
2008 Parks Levy Fund			50	350	100	0	0	0	0	500
<b>Total:</b>			50	350	100	0	0	0	0	500

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Comfort Station Renovations

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	K732453	<b>End Date:</b>	TBD
<b>Location:</b>			
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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 2013.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	363	0	526	0	889
<b>Total:</b>	0	0	0	0	363	0	526	0	889
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	363	0	526	0	889
<b>Total*:</b>	0	0	0	0	363	0	526	0	889
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Comfort Station Renovations- 2008 Parks Levy

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K730161	<b>End Date:</b>	Q2/2013
<b>Location:</b>			
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	4	296	0	0	0	0	0	0	300
<b>Total:</b>	4	296	0	0	0	0	0	0	300
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	4	296	0	0	0	0	0	0	300
<b>Total*:</b>	4	296	0	0	0	0	0	0	300
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		250	46	0	0	0	0	0	296
<b>Total:</b>		250	46	0	0	0	0	0	296

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Community Food Gardens and P-Patches

<b>BCL/Program Name:</b>	2008 Parks Levy - P-Patch Development	<b>BCL/Program Code:</b>	K720031
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2009
<b>Project ID:</b>	K730031	<b>End Date:</b>	Q1/2014
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This project provides for acquisition and development of new sites and development of new community gardens or P-Patches on existing City-owned property. The primary (but not exclusive) focus is on Ballard, Queen Anne, Rainier Valley, and West Seattle. This project is part of the 2008 Parks Levy.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1,766	661	0	0	0	0	0	0	2,427
<b>Total:</b>	1,766	661	0	0	0	0	0	0	2,427
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	1,766	661	0	0	0	0	0	0	2,427
<b>Total*:</b>	1,766	661	0	0	0	0	0	0	2,427
<b>O &amp; M Costs (Savings)</b>			12	12	13	13	13	14	77
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		600	61	0	0	0	0	0	661
<b>Total:</b>		600	61	0	0	0	0	0	661

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Crew Quarters Replacement (Magnuson Park)

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	K732424	<b>End Date:</b>	Q4/2015
<b>Location:</b>	6500 Sand Point WAY NE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	Not in an Urban Village

This project renovates the 9,000 square foot Building #308 or demolishes the building and develops a new facility for the Magnuson Crew Quarters, and other related work. Staff will be housed in the building and community volunteers in Magnuson Park will also have access to the facility for their projects. It allows for future development of a missing link in the park pedestrian path, which is sited nearby.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	46	82	0	0	0	0	0	0	128
Real Estate Excise Tax I	0	0	75	1,054	0	0	0	0	1,129
<b>Total:</b>	46	82	75	1,054	0	0	0	0	1,257
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	46	82	0	0	0	0	0	0	128
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	75	1,054	0	0	0	0	1,129
<b>Total*:</b>	46	82	75	1,054	0	0	0	0	1,257
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Discovery Park - Capehart Site Restoration

<b>BCL/Program Name:</b>	West Point Settlement Projects	<b>BCL/Program Code:</b>	K72982
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K731242	<b>End Date:</b>	Q4/2014
<b>Location:</b>	3801 W Government Wy		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Not in an Urban Village

This project restores the Capehart property to be acquired in the project Discovery Park - Capehart Acquisition (K731231). The project work may include, but is not limited to, abatement, removing buildings, roadways, pavement and utilities, and grading and seeding the property. This project was recommended by the West Point Citizens Advisory Committee as part of the 2005 revision to the list of projects recommended in the 2004 Memorandum of Agreement between King County Department of Natural Resources and Parks and the City of Seattle Department of Parks and Recreation for use of mitigation funds pursuant to Section 1(d) of the West Point Settlement Agreement (Ordinance 121488). See related project Discovery park - Capehart Restoration - 2008 Parks Levy (K730128).

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
King County Funds	456	93	0	0	0	0	0	0	549
<b>Total:</b>	456	93	0	0	0	0	0	0	549
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	456	93	0	0	0	0	0	0	549
<b>Total*:</b>	456	93	0	0	0	0	0	0	549
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Shoreline Park Improvement Fund		60	33	0	0	0	0	0	93
<b>Total:</b>		60	33	0	0	0	0	0	93

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Discovery Park - Contingency and Opportunity Fund

<b>BCL/Program Name:</b>	West Point Settlement Projects	<b>BCL/Program Code:</b>	K72982
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2007
<b>Project ID:</b>	K731241	<b>End Date:</b>	TBD
<b>Location:</b>	3801 W Government Wy		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
King County Funds	317	31	0	0	0	0	0	0	348
<b>Total:</b>	317	31	0	0	0	0	0	0	348
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	317	31	0	0	0	0	0	0	348
<b>Total*:</b>	317	31	0	0	0	0	0	0	348
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Shoreline Park Improvement Fund		20	11	0	0	0	0	0	31
<b>Total:</b>		20	11	0	0	0	0	0	31

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Discovery Park North Parking Lot Renovation

<b>BCL/Program Name:</b>	West Point Settlement Projects	<b>BCL/Program Code:</b>	K72982
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K732437	<b>End Date:</b>	Q1/2014
<b>Location:</b>	3801 Discovery Park BLVD		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Not in an Urban Village

This project renovates the north parking lot which is near the end of its useful life. The northerly bay will be overlaid and the southerly bay will undergo a complete reconstruction. The renovation eliminates potholes, alligating, and settling caused by poor soils. Parks will seek concurrence with the West Point Oversight Committee for this project.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
King County Voter-Approved Levy	45	645	0	0	0	0	0	0	690
<b>Total:</b>	45	645	0	0	0	0	0	0	690
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	45	645	0	0	0	0	0	0	690
<b>Total*:</b>	45	645	0	0	0	0	0	0	690
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Donations- Green Space

<b>BCL/Program Name:</b>	2008 Parks Levy- Green Space Acquisition	<b>BCL/Program Code:</b>	K720011
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2009
<b>Project ID:</b>	K730139	<b>End Date:</b>	TBD
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	32	18	0	0	0	0	0	0	50
<b>Total:</b>	32	18	0	0	0	0	0	0	50
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	32	18	0	0	0	0	0	0	50
<b>Total*:</b>	32	18	0	0	0	0	0	0	50
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		3	5	5	5	0	0	0	18
<b>Total:</b>		3	5	5	5	0	0	0	18

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### East John Street Open Space Development

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K730148	<b>End Date:</b>	Q1/2015
<b>Location:</b>	Summit AVE E/E John ST		
<b>Neighborhood Plan:</b>	Capitol Hill	<b>Neighborhood Plan Matrix:</b>	D3, OS-6
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	Capitol Hill

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	11	249	0	0	0	0	0	0	260
<b>Total:</b>	11	249	0	0	0	0	0	0	260
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	11	249	0	0	0	0	0	0	260
<b>Total*:</b>	11	249	0	0	0	0	0	0	260
<b>O &amp; M Costs (Savings)</b>			6	6	6	7	7	8	40
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		40	200	9	0	0	0	0	249
<b>Total:</b>		40	200	9	0	0	0	0	249

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Electrical System Replacement Program

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	K732307	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	789	276	0	0	150	150	150	150	1,665
Real Estate Excise Tax I	0	0	135	150	0	0	0	0	285
<b>Total:</b>	789	276	135	150	150	150	150	150	1,950
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	789	276	0	0	150	150	150	150	1,665
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	135	150	0	0	0	0	285
<b>Total*:</b>	789	276	135	150	150	150	150	150	1,950
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Emergency Shelter Generator Renovations

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K732440	<b>End Date:</b>	Q1/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This project provides emergency systems as necessary to priority 1 emergency shelters in Parks community centers. The priority 1 shelters are Bitter Lake CC, Delridge CC, Garfield CC, Meadowbrook CC, Rainier CC, and Southwest CC. Initial funding will replace emergency generators as necessary and renovate electrical systems for one to three shelters. This work ensures that the emergency shelters can function in the event of a natural disaster.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	8	492	0	0	0	0	0	0	500
<b>Total:</b>	8	492	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	8	492	0	0	0	0	0	0	500
<b>Total*:</b>	8	492	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			1	1	1	2	2	3	10
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		482	10	0	0	0	0	0	492
<b>Total:</b>		482	10	0	0	0	0	0	492

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### 2014 - 2019 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Emma Schmitz Sea Wall Replacement

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

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
Miscellaneous Grants or Donations	0	0	50	0	0	0	0	0	50
<b>Total:</b>	0	0	50	0	0	0	0	0	50
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Community Improvement Contribution Fund	0	0	50	0	0	0	0	0	50
<b>Total*:</b>	0	0	50	0	0	0	0	0	50
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Environmental Remediation Program

<b>BCL/Program Name:</b>	Parks Infrastructure	<b>BCL/Program Code:</b>	K72441
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732401	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	In more than one Urban Village
<b>Neighborhood District:</b>	In more than one District		

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	322	117	0	0	100	100	100	100	839
Real Estate Excise Tax I	0	0	67	100	0	0	0	0	167
<b>Total:</b>	322	117	67	100	100	100	100	100	1,006
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	322	117	0	0	100	100	100	100	839
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	67	100	0	0	0	0	167
<b>Total*:</b>	322	117	67	100	100	100	100	100	1,006
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Evers Pool Roof Repairs

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q4/2012
<b>Project ID:</b>	K730162	<b>End Date:</b>	Q1/2014
<b>Location:</b>	500 23rd AVE		
<b>Neighborhood Plan:</b>	Central Area	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	23rd Ave. @ Jackson

This project, funded with the 2008 Parks Levy Inflation Adjustment funds,, seals joints and leaks of the top surface of all pedestrian roof decks, waterproofs the exterior walls, replaces glazing on the skylights, improves drainage, and makes related improvements. These repairs are intended to stop the building leaks and preserve the building.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	190	1,410	0	0	0	0	0	0	1,600
<b>Total:</b>	190	1,410	0	0	0	0	0	0	1,600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	190	1,410	0	0	0	0	0	0	1,600
<b>Total*:</b>	190	1,410	0	0	0	0	0	0	1,600
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		1,400	10	0	0	0	0	0	1,410
<b>Total:</b>		1,400	10	0	0	0	0	0	1,410

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Fairmount Playfield Comfort Station Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2012
<b>Project ID:</b>	K730163	<b>End Date:</b>	Q1/2014
<b>Location:</b>	5400 Fauntleroy WAY SW	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	West Seattle Junction (FOJ)	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	Southwest		

This project, funded with the 2008 Parks Levy Inflation Adjustment funds,, renovates the comfort station for ADA access, improved ventilation, and new wall and surface finishes. Specific renovations may include reconfigured stalls, new toilets and urinals, ADA accessories, new paint and finishes, and related work. The renovations will improve access to the facility and make it more inviting and comfortable.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	2	198	0	0	0	0	0	0	200
<b>Total:</b>	2	198	0	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	2	198	0	0	0	0	0	0	200
<b>Total*:</b>	2	198	0	0	0	0	0	0	200
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		150	48	0	0	0	0	0	198
<b>Total:</b>		150	48	0	0	0	0	0	198

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Fountain Discharge Retrofit

<b>BCL/Program Name:</b>	Parks Infrastructure	<b>BCL/Program Code:</b>	K72441
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2012
<b>Project ID:</b>	K732444	<b>End Date:</b>	Q2/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1	499	0	0	0	0	0	0	500
<b>Total:</b>	1	499	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1	499	0	0	0	0	0	0	500
<b>Total*:</b>	1	499	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		429	70	0	0	0	0	0	499
<b>Total:</b>		429	70	0	0	0	0	0	499

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Garfield Community Center Roof Replacement

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K730165	<b>End Date:</b>	Q1/2014
<b>Location:</b>	2323 E Cherry ST		
<b>Neighborhood Plan:</b>	Central Area	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	23rd Ave. @ Jackson

This project, funded with the 2008 Parks Levy Inflation Adjustment funds,, removes and replaces the 4,806 square foot arched metal roof and includes removing and replacing deteriorated plywood sheathing and insulation. The new roof will correct the de-lamination issue and eliminate leaks in the lobby and the gym.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1	464	0	0	0	0	0	0	465
<b>Total:</b>	1	464	0	0	0	0	0	0	465
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	1	464	0	0	0	0	0	0	465
<b>Total*:</b>	1	464	0	0	0	0	0	0	465
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		404	60	0	0	0	0	0	464
<b>Total:</b>		404	60	0	0	0	0	0	464

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Gas Works Park - Remediation

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

This project provides ongoing monitoring efforts to ensure the measures constructed for remediation of soils at Gas Works Park were effective. Monitoring activities include maintenance and operation of the air sparging, SVE systems, soil cap, and other institutional controls; groundwater testing; quarterly reports; and other related work. The project also provides for ongoing monitoring for as long as 20 years from installation, effectively until 2021. All measures of the Compliance Monitoring Project must be executed in accordance with the Consent Decree established in 1998, requiring the Seattle Department of Parks and Recreation, Puget Sound Energy, and the Department of Ecology to implement a Cleanup Action Plan. REET funds are to be used to reimburse the trust fund for expenses already incurred and to pay for state required air monitoring and other costs not considered eligible expenses under rules governing the Gas Works Contamination Remediation Trust Fund (10220).

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	179	156	0	0	402	812	2,088	1,065	4,702
Real Estate Excise Tax I	0	0	300	560	0	0	0	0	860
General Subfund Revenues	1,113	79	3	0	0	0	0	0	1,195
To be determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	1,292	235	303	560	402	812	2,088	1,065	6,757
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	179	156	0	0	402	812	2,088	1,065	4,702
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	300	560	0	0	0	0	860
Gasworks Park Contamination Remediation Fund	1,113	79	3	0	0	0	0	0	1,195
<b>Total*:</b>	1,292	235	303	560	402	812	2,088	1,065	6,757
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Gas Works Park Play Area Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds	<b>BCL/Program Code:</b>	K720020
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	K730089	<b>End Date:</b>	Q1/2015
<b>Location:</b>	2101 N Northlake WAY		
<b>Neighborhood Plan:</b>	Wallingford	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	Not in an Urban Village

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	11	389	1,000	0	0	0	0	0	1,400
<b>Total:</b>	11	389	1,000	0	0	0	0	0	1,400
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	11	389	1,000	0	0	0	0	0	1,400
<b>Total*:</b>	11	389	1,000	0	0	0	0	0	1,400
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		112	1,200	77	0	0	0	0	1,389
<b>Total:</b>		112	1,200	77	0	0	0	0	1,389

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Georgetown Playfield Turf Replacement

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

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

		LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
Real Estate Excise Tax II		0	0	0	0	0	0	870	0	870
<b>Total:</b>		0	0	0	0	0	0	870	0	870
<b>Fund Appropriations/Allocations</b>										
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	0	0	0	0	0	870	0	870
<b>Total*:</b>		0	0	0	0	0	0	870	0	870
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Gilman Playground Shelterhouse Sewer Replacement

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2016
<b>Project ID:</b>	K732457	<b>End Date:</b>	TBD
<b>Location:</b>	923 NW 54TH ST		
<b>Neighborhood Plan:</b>	Crown Hill/Ballard	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	122	0	0	0	122
<b>Total:</b>	0	0	0	0	122	0	0	0	122
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	122	0	0	0	122
<b>Total*:</b>	0	0	0	0	122	0	0	0	122
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Golf - Capital Improvements

<b>BCL/Program Name:</b>	Debt and Special Funding	<b>BCL/Program Code:</b>	K72440
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732407	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Golf Revenues	662	1,568	0	0	100	100	100	0	2,530
<b>Total:</b>	662	1,568	0	0	100	100	100	0	2,530
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	662	1,568	0	0	100	100	100	0	2,530
<b>Total*:</b>	662	1,568	0	0	100	100	100	0	2,530
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		600	768	200	100	100	100	0	1,868
<b>Total:</b>		600	768	200	100	100	100	0	1,868

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Golf Master Plan Implementation

<b>BCL/Program Name:</b>	Debt and Special Funding	<b>BCL/Program Code:</b>	K72440
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2010
<b>Project ID:</b>	K732391	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Obligation Bonds	609	254	0	0	0	0	0	0	863
General Obligation Bonds	1,320	729	0	0	0	0	0	0	2,049
General Obligation Bonds	1,433	2,869	0	0	0	0	0	0	4,302
General Obligation Bonds	0	1,810	0	0	0	0	0	0	1,810
General Obligation Bonds	0	0	5,561	0	0	0	0	0	5,561
<b>Total:</b>	3,362	5,662	5,561	0	0	0	0	0	14,585
<b>Fund Appropriations/Allocations</b>									
2010 Multipurpose LTGO Bond Fund	609	254	0	0	0	0	0	0	863
2011 Multipurpose LTGO Bond Fund	1,320	729	0	0	0	0	0	0	2,049
2012 Multipurpose LTGO Bond Fund	1,433	2,869	0	0	0	0	0	0	4,302
2013 Multipurpose LTGO Bond Fund	0	1,810	0	0	0	0	0	0	1,810
2014 Multipurpose LTGO Bond Fund	0	0	5,561	0	0	0	0	0	5,561
<b>Total*:</b>	3,362	5,662	5,561	0	0	0	0	0	14,585
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Spending Plan by Fund

2010 Multipurpose LTGO Bond Fund	254	0	0	0	0	0	0	254
2011 Multipurpose LTGO Bond Fund	729	0	0	0	0	0	0	729
2012 Multipurpose LTGO Bond Fund	1,568	1,301	0	0	0	0	0	2,869
2013 Multipurpose LTGO Bond Fund	84	1,726	0	0	0	0	0	1,810
2014 Multipurpose LTGO Bond Fund	0	5,561	0	0	0	0	0	5,561
<b>Total:</b>	<b>2,635</b>	<b>8,588</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,223</b>

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

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

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

This project demolishes the existing 15,130 square foot Evans Pool roof and the 13,625 Community Center roof and 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	334	1,338	0	0	0	0	0	1,672
<b>Total:</b>	0	334	1,338	0	0	0	0	0	1,672
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	334	1,338	0	0	0	0	0	1,672
<b>Total*:</b>	0	334	1,338	0	0	0	0	0	1,672
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Green Lake Community Center Electrical and Mechanical Renovation

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	K732459	<b>End Date:</b>	TBD
<b>Location:</b>	7201 E Green Lake DR N		
<b>Neighborhood Plan:</b>	Greenlake	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	Green Lake

This project demolishes the existing roofs at the community center and pool and replaces it with a rubberized membrane roofing/EPDM system and solar panels on the flat section for solar hot water heating for the pool, and related work. It is anticipated that the solar panels will supplement the pool water heating, which may reduce operating costs at the pool.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	0	0	0	0	0	0	0
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	0	0	0	0	0	0	0	0	0
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Green Lake Park Alum Treatment

<b>BCL/Program Name:</b>	Docks/Piers/Floats/Seawalls/Shorelines	<b>BCL/Program Code:</b>	K72447
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2017
<b>Project ID:</b>	K732460	<b>End Date:</b>	Q4/2018
<b>Location:</b>	7201 E Green Lake WAY N		
<b>Neighborhood Plan:</b>	Greenlake	<b>Neighborhood Plan Matrix:</b>	C13
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	Green Lake

This project treats Green Lake with Alum to continue to maintain water quality and control algae growth. The water quality of the lake has remained stable since the first alum treatment was done in 2004. The treatment will help Parks meet the adopted goal to maintain an average summer Secchi depth of eight feet.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	484	1,016	0	1,500
<b>Total:</b>	0	0	0	0	0	484	1,016	0	1,500
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	484	1,016	0	1,500
<b>Total*:</b>	0	0	0	0	0	484	1,016	0	1,500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Green Space Acquisitions- 2008 Parks Levy

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

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Interest Earnings	192	113	0	0	0	0	0	0	305
Seattle Voter-Approved Levy	3,858	1,692	1,430	0	0	0	0	0	6,980
<b>Total:</b>	4,050	1,805	1,430	0	0	0	0	0	7,285
<b>Fund Appropriations/Allocations</b>									
Open Spaces & Trails Bond Fund	192	113	0	0	0	0	0	0	305
2008 Parks Levy Fund	3,858	1,692	1,430	0	0	0	0	0	6,980
<b>Total*:</b>	4,050	1,805	1,430	0	0	0	0	0	7,285
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Open Spaces & Trails Bond Fund		100	13	0	0	0	0	0	113
2008 Parks Levy Fund		1,692	1,430	0	0	0	0	0	3,122
<b>Total:</b>		1,792	1,443	0	0	0	0	0	3,235

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Hiawatha Community Center Renovation

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	K732461	<b>End Date:</b>	TBD
<b>Location:</b>	2700 California AVE SW		
<b>Neighborhood Plan:</b>	Admiral	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southwest	<b>Urban Village:</b>	Admiral District

This project renovates the building to include an updated kitchen, interior space renovations, new electrical, water and sewer services, exterior and seismic upgrades, and ADA improvements. 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	0	0	0	0	0	0	0
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	0	0	0	0	0	0	0	0	0
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Hing Hay Park Development

<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds	<b>BCL/Program Code:</b>	K720020
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	K730091	<b>End Date:</b>	2015
<b>Location:</b>	423 Maynard AVE S		
<b>Neighborhood Plan:</b>	International District/Chinatown	<b>Neighborhood Plan Matrix:</b>	D1
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	International District

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	500	2,500	0	0	0	0	0	3,000
<b>Total:</b>	0	500	2,500	0	0	0	0	0	3,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	500	2,500	0	0	0	0	0	3,000
<b>Total*:</b>	0	500	2,500	0	0	0	0	0	3,000
<b>O &amp; M Costs (Savings)</b>			0	23	23	24	24	25	119
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		265	2,000	735	0	0	0	0	3,000
<b>Total:</b>		265	2,000	735	0	0	0	0	3,000

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Hubbard Homestead Park (Northgate) Acquisition- Debt Service

<b>BCL/Program Name:</b>	Debt and Special Funding	<b>BCL/Program Code:</b>	K72440
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	K732321	<b>End Date:</b>	Q4/2027
<b>Location:</b>	NE 112th St/5th Ave NE		
<b>Neighborhood Plan:</b>	Northgate	<b>Neighborhood Plan Matrix:</b>	I.G. 12.6
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Northgate

This project funds the 20-year debt service payment on \$3 million Limited Tax General Obligation (LTGO) debt issued in 2007 to pay for the acquisition of the new Northgate Urban Center Park.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,025	241	239	239	242	241	243	241	2,711
<b>Total:</b>	1,025	241	239	239	242	241	243	241	2,711
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,025	241	239	239	242	241	243	241	2,711
<b>Total*:</b>	1,025	241	239	239	242	241	243	241	2,711
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### HVAC System Duct Cleaning Program - Large Buildings

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732421	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings	106	34	35	35	35	35	35	35	350
<b>Total:</b>	106	34	35	35	35	35	35	35	350
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	106	34	35	35	35	35	35	35	350
<b>Total*:</b>	106	34	35	35	35	35	35	35	350
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Interbay Stadium Synthetic Turf Replacement

<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas	<b>BCL/Program Code:</b>	K72445
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	K732451	<b>End Date:</b>	TBD
<b>Location:</b>	3027 17th Ave W		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the synthetic turf field surfacing (91,000 square feet) which was installed in 2004 and is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for soccer and other activities. The total cost of this project may be shared with Seattle Pacific University per a current operating agreement that Parks has with the University.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax I	0	0	305	0	0	0	0	0	305
Miscellaneous Grants or Donations	0	0	305	0	0	0	0	0	305
<b>Total:</b>	0	0	610	0	0	0	0	0	610
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	305	0	0	0	0	0	305
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	305	0	0	0	0	0	305
<b>Total*:</b>	0	0	610	0	0	0	0	0	610
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Irrigation Replacement and Outdoor Infrastructure Program

<b>BCL/Program Name:</b>	Parks Infrastructure	<b>BCL/Program Code:</b>	K72441
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732406	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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, and related infrastructure); associated cost estimating; related staff and consultant support for developing and prioritizing projects within the Department's Asset Management Plan; and implements replacement projects at various sites. Specific projects are determined by the study and operational considerations.

This project provides conservation benefits by reducing water loss due to leaking systems, allocating water flow more efficiently through improved technology, and implementing other related work. It also extends the useful life of the infrastructure.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	570	260	0	0	300	300	300	300	2,030
Real Estate Excise Tax I	0	0	180	300	0	0	0	0	480
<b>Total:</b>	570	260	180	300	300	300	300	300	2,510
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	570	260	0	0	300	300	300	300	2,030
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	180	300	0	0	0	0	480
<b>Total*:</b>	570	260	180	300	300	300	300	300	2,510
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Jefferson Community Center Renovation

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2019
<b>Project ID:</b>	K732462	<b>End Date:</b>	TBD
<b>Location:</b>	3801 Beacon AVE S		
<b>Neighborhood Plan:</b>	North District/Lake City	<b>Neighborhood Plan Matrix:</b>	CC1
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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 in the center.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	661	661
<b>Total:</b>	0	0	0	0	0	0	0	661	661
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	661	661
<b>Total*:</b>	0	0	0	0	0	0	0	661	661
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Jimi Hendrix Park Improvements

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2011
<b>Project ID:</b>	K730146	<b>End Date:</b>	Q2/2014
<b>Location:</b>	2400 Massachusetts ST		
<b>Neighborhood Plan:</b>	North Rainier Valley	<b>Neighborhood Plan Matrix:</b>	C4A2
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	North Rainier

This project, part of the 2008 Parks Levy Opportunity Fund, completes the development of the park, enhancing an existing open green space by adding park elements that will make the site more usable and provide a unique space to honor the legacy of the park's namesake.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
King County Funds	0	41	0	0	0	0	0	0	41
Seattle Voter-Approved Levy	8	492	0	0	0	0	0	0	500
Private Funding/Donations	0	484	0	0	0	0	0	0	484
<b>Total:</b>	8	1,017	0	0	0	0	0	0	1,025
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	8	1,017	0	0	0	0	0	0	1,025
<b>Total*:</b>	8	1,017	0	0	0	0	0	0	1,025
<b>O &amp; M Costs (Savings)</b>			10	10	11	11	11	12	65
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		100	917	0	0	0	0	0	1,017
<b>Total:</b>		100	917	0	0	0	0	0	1,017

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Lake City Community Center Improvements

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2016
<b>Project ID:</b>	K732472	<b>End Date:</b>	TBD
<b>Location:</b>	12531 28th Avenue NE		
<b>Neighborhood Plan:</b>	North District/Lake City	<b>Neighborhood Plan Matrix:</b>	2F-10
<b>Neighborhood District:</b>	North	<b>Urban Village:</b>	Lake City

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	75	425	0	0	0	0	0	500
<b>Total:</b>	0	75	425	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	75	425	0	0	0	0	0	500
<b>Total*:</b>	0	75	425	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Landscape Restoration Program

<b>BCL/Program Name:</b>	Citywide and Neighborhood Projects	<b>BCL/Program Code:</b>	K72449
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732402	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program restores developed landscape areas by replacing and installing shrubbery, trees, turf, structural elements, and other elements in parks throughout the City. The program also includes a monitoring and plant establishment project, which provides necessary labor and materials to ensure that each restoration site is checked twice a year for the first three years after planting. 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,290	430	0	0	430	430	430	430	3,440
Real Estate Excise Tax I	0	0	387	430	0	0	0	0	817
Property Sales and Interest Earnings	0	110	0	0	0	0	0	0	110
<b>Total:</b>	1,290	540	387	430	430	430	430	430	4,367
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,290	430	0	0	430	430	430	430	3,440
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	387	430	0	0	0	0	817
Cumulative Reserve Subfund - Unrestricted Subaccount	0	110	0	0	0	0	0	0	110
<b>Total*:</b>	1,290	540	387	430	430	430	430	430	4,367
<b>O &amp; M Costs (Savings)</b>			18	19	19	19	19	0	94

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Lewis Park Reforestation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2011
<b>Project ID:</b>	K730149	<b>End Date:</b>	Q1/2014
<b>Location:</b>	1120 15th AVE S		
<b>Neighborhood Plan:</b>	North Beacon Hill	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2008 Parks Levy Opportunity Fund, restores the steep slope area of the urban forest, by removing invasive plants and re-establishing native plants and tree cover. These efforts to restore the native vegetation will help to ensure that the forested trees and plants are healthy and continue to contribute to the long-term viability of the City's urban forests.

		LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
Seattle Voter-Approved Levy		118	142	0	0	0	0	0	0	260
<b>Total:</b>		118	142	0	0	0	0	0	0	260
<b>Fund Appropriations/Allocations</b>										
2008 Parks Levy Fund		118	142	0	0	0	0	0	0	260
<b>Total*:</b>		118	142	0	0	0	0	0	0	260
<b>O &amp; M Costs (Savings)</b>				4	4	5	5	5	6	29
<b>Spending Plan by Fund</b>										
2008 Parks Levy Fund			130	12	0	0	0	0	0	142
<b>Total:</b>			130	12	0	0	0	0	0	142

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Lower Kinnear Park Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2011
<b>Project ID:</b>	K730150	<b>End Date:</b>	Q1/2014
<b>Location:</b>	899 W Olympic PL		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2008 Parks Levy Opportunity Fund, improves trails and signage, restores the native vegetation, creates connections to other trails in the Seattle Parks system, and performs related work. These improvements will help increase public access, improve safety through better visibility, and improve the health and long-term visibility of the natural elements.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	126	624	0	0	0	0	0	0	750
<b>Total:</b>	126	624	0	0	0	0	0	0	750
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	126	624	0	0	0	0	0	0	750
<b>Total*:</b>	126	624	0	0	0	0	0	0	750
<b>O &amp; M Costs (Savings)</b>			19	19	20	20	21	21	120
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		524	100	0	0	0	0	0	624
<b>Total:</b>		524	100	0	0	0	0	0	624

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

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

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

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	550	550
<b>Total:</b>	0	0	0	0	0	0	0	550	550
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	550	550
<b>Total*:</b>	0	0	0	0	0	0	0	550	550

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

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

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

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	425	425
<b>Total:</b>	0	0	0	0	0	0	0	425	425
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	425	425
<b>Total*:</b>	0	0	0	0	0	0	0	425	425

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Lower Woodland PF #1 Infield Turf Replacement

<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas	<b>BCL/Program Code:</b>	K72445
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	K732447	<b>End Date:</b>	Q1/2014
<b>Location:</b>	1000 N 50th St		
<b>Neighborhood Plan:</b>	Greenlake	<b>Neighborhood Plan Matrix:</b>	C16
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	Green Lake

This project replaces the synthetic turf infield surfacing (32,000 square feet) which was installed in 2000 and is near the end of its lifecycle. This improvement allows the continued use and scheduling of the playfield for baseball and other activities.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	305	0	0	0	0	0	0	305
<b>Total:</b>	0	305	0	0	0	0	0	0	305
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	305	0	0	0	0	0	0	305
<b>Total*:</b>	0	305	0	0	0	0	0	0	305
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		297	8	0	0	0	0	0	305
<b>Total:</b>		297	8	0	0	0	0	0	305

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Loyal Heights Boiler And Electrical System Replacement

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K730168	<b>End Date:</b>	Q1/2014
<b>Location:</b>	2101 N 77th ST		
<b>Neighborhood Plan:</b>	Crown Hill/Ballard	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Ballard	<b>Urban Village:</b>	Not in an Urban Village

This project, funded with the 2008 Parks Levy Inflation Adjustment funds,, removes and replaces the existing boiler at the Community Center. Some new electrical repairs are necessary to complete the project. The new boiler will be more energy efficient.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	208	644	0	0	0	0	0	0	852
<b>Total:</b>	208	644	0	0	0	0	0	0	852
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	208	644	0	0	0	0	0	0	852
<b>Total*:</b>	208	644	0	0	0	0	0	0	852
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		486	158	0	0	0	0	0	644
<b>Total:</b>		486	158	0	0	0	0	0	644

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Loyal Heights Community Center Renovation

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	K732464	<b>End Date:</b>	TBD
<b>Location:</b>	2101 N 77th ST		
<b>Neighborhood Plan:</b>	Crown Hill/Ballard	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Ballard	<b>Urban Village:</b>	Not in an Urban Village

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
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
<b>Total:</b>	0	0	0	197	1,671	0	0	0	1,868
<b>Fund Appropriations/Allocations</b>									
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
<b>Total*:</b>	0	0	0	197	1,671	0	0	0	1,868
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Building #2 Partial Roof and Seismic Repairs

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	K732466	<b>End Date:</b>	TBD
<b>Location:</b>	7400 Sand Point WAY N	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	Northeast		

This project focuses on the north side of the building and includes seismic upgrades, roof replacement, and related improvements. It implements a 2010 study "Magnuson Building 2 Structural/Seismic Analysis" by S. M. Stemper. The north side of the building is occupied by Parks staff.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	600	0	0	0	0	0	0	600
Real Estate Excise Tax I	0	900	0	0	0	0	0	0	900
Real Estate Excise Tax I	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	2,000	0	0	0	0	0	0	2,000
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	600	0	0	0	0	0	0	600
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	900	0	0	0	0	0	0	900
Cumulative Reserve Subfund - Unrestricted Subaccount	0	500	0	0	0	0	0	0	500
<b>Total*:</b>	0	2,000	0	0	0	0	0	0	2,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		550	50	0	0	0	0	0	600
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		900	0	0	0	0	0	0	900
Cumulative Reserve Subfund - Unrestricted Subaccount		500	0	0	0	0	0	0	500
<b>Total:</b>		1,950	50	0	0	0	0	0	2,000

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Park (5 Fields) Synthetic Turf Replacement

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

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	1,532	1,532
<b>Total:</b>	0	0	0	0	0	0	0	1,532	1,532
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	1,532	1,532
<b>Total*:</b>	0	0	0	0	0	0	0	1,532	1,532

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Park Building #406 Roof Replacement

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	K732467	<b>End Date:</b>	TBD
<b>Location:</b>	7400 Sand Point WAY N	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	Northeast		

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax I	0	0	186	0	0	0	0	0	186
<b>Total:</b>	0	0	186	0	0	0	0	0	186
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	186	0	0	0	0	0	186
<b>Total*:</b>	0	0	186	0	0	0	0	0	186
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Park Building 18 Renovation

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	K732389	<b>End Date:</b>	Q2/2014
<b>Location:</b>	7400 Sand Point WAY NE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project renovates Building 18 located in the Sand Point Campus at Magnuson Park. This project will assure safety at Magnuson Park by renovating the building.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Subfund Revenues	27	1	0	0	0	0	0	0	28
Real Estate Excise Tax II	0	680	0	0	0	0	0	0	680
Real Estate Excise Tax I	0	320	0	0	0	0	0	0	320
<b>Total:</b>	27	1,001	0	0	0	0	0	0	1,028
<b>Fund Appropriations/Allocations</b>									
General Subfund	27	1	0	0	0	0	0	0	28
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	680	0	0	0	0	0	0	680
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	320	0	0	0	0	0	0	320
<b>Total*:</b>	27	1,001	0	0	0	0	0	0	1,028
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
General Subfund		1	0	0	0	0	0	0	1
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	680	0	0	0	0	0	680
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		320	0	0	0	0	0	0	320
<b>Total:</b>		321	680	0	0	0	0	0	1,001

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Park Building 30 Renovation

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K732442	<b>End Date:</b>	Q1/2014
<b>Location:</b>	7400 Sand Point Way NE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	Not in an Urban Village

This project renovates for code compliance elements of the east and west wings and the hangar sections of Building 30. The renovations include exiting upgrades, unreinforced masonry seismic upgrades, fire suppression sprinklers and fire alarm systems in the hangar and west wing, lighting, heating and ventilation upgrades, an elevator, ADA toilet rooms, and related work, depending on permitting requirements. Water service, natural gas systems, and primary electrical services to the building may also be upgraded to support the building renovations.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Obligation Bonds	825	2,358	0	0	0	0	0	0	3,183
General Obligation Bonds	0	5,215	0	0	0	0	0	0	5,215
<b>Total:</b>	825	7,573	0	0	0	0	0	0	8,398
<b>Fund Appropriations/Allocations</b>									
2012 Multipurpose LTGO Bond Fund	825	2,358	0	0	0	0	0	0	3,183
2013 Multipurpose LTGO Bond Fund	0	5,215	0	0	0	0	0	0	5,215
<b>Total*:</b>	825	7,573	0	0	0	0	0	0	8,398
<b>O &amp; M Costs (Savings)</b>			256	256	256	256	256	256	1,536
<b>Spending Plan by Fund</b>									
2012 Multipurpose LTGO Bond Fund		2,358	0	0	0	0	0	0	2,358
2013 Multipurpose LTGO Bond Fund		5,115	100	0	0	0	0	0	5,215
<b>Total:</b>		7,473	100	0	0	0	0	0	7,573

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Magnuson Park Electrical System Renovation

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	K732445	<b>End Date:</b>	TBD
<b>Location:</b>	7400 Sand Point Way NE	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	Northeast		

This project renovates the electrical system, including updating the old Navy system to the Seattle City Light system, and related work. It will help bring the system up to current standards and make it easier for the co-location of Parks and non-Parks tenants and users. The work implements the 2008 study of the electrical system by Sparling Electrical.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	753	635	0	0	0	0	0	1,388
King County Voter-Approved Levy	0	0	760	0	0	0	0	0	760
<b>Total:</b>	0	753	1,395	0	0	0	0	0	2,148
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	753	635	0	0	0	0	0	1,388
2013 King County Parks Levy	0	0	760	0	0	0	0	0	760
<b>Total*:</b>	0	753	1,395	0	0	0	0	0	2,148
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Magnuson Park Wetlands and Shore Ponds

<b>BCL/Program Name:</b>	2000 Parks Levy - Opportunity Fund	<b>BCL/Program Code:</b>	K723008
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	K733277	<b>End Date:</b>	
<b>Location:</b>	7400 Sand Point WAY NE	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	Northeast		

This project provides for planting within ponds previously created by the Navy's clean-up of contaminated soils; development of wetlands; improving hydraulic connections between drainage collection points; and related work including pathway connections. These improvements will enhance the natural environment of the park, provide habitat location and improve recreation opportunities.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Federal Grant Funds	485	135	0	0	0	0	0	0	620
Seattle Voter-Approved Levy	500	0	0	0	0	0	0	0	500
State Grant Funds	21	278	0	0	0	0	0	0	299
<b>Total:</b>	1,006	413	0	0	0	0	0	0	1,419
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	1,006	413	0	0	0	0	0	0	1,419
<b>Total*:</b>	1,006	413	0	0	0	0	0	0	1,419
<b>O &amp; M Costs (Savings)</b>			16	16	16	17	17	18	100

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Major Parks- 2008 Parks Levy

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

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	14	22	0	0	0	0	0	0	36
<b>Total:</b>	14	22	0	0	0	0	0	0	36
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	14	22	0	0	0	0	0	0	36
<b>Total*:</b>	14	22	0	0	0	0	0	0	36
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Maple Leaf Reservoir Park Development

<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds	<b>BCL/Program Code:</b>	K720020
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2009
<b>Project ID:</b>	K730099	<b>End Date:</b>	Q1/2014
<b>Location:</b>	1020 NE 82nd ST		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	Not in an Urban Village

This project provides for new park development on the Maple Leaf Reservoir. Seattle Public Utilities will develop a new covered reservoir in the footprint of the existing open reservoir during 2010-2011. The scope for this project includes the development of a master plan for the new park space and the existing Maple Leaf Playground, and implementation of the plan as funding allows. This project is part of the 2008 Parks Levy.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	895	4,182	0	0	0	0	0	0	5,077
<b>Total:</b>	895	4,182	0	0	0	0	0	0	5,077
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	895	4,182	0	0	0	0	0	0	5,077
<b>Total*:</b>	895	4,182	0	0	0	0	0	0	5,077
<b>O &amp; M Costs (Savings)</b>			45	46	47	48	48	49	283
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		4,132	50	0	0	0	0	0	4,182
<b>Total:</b>		4,132	50	0	0	0	0	0	4,182

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Marra-Desimone Park Development

<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds	<b>BCL/Program Code:</b>	K720020
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	K730100	<b>End Date:</b>	Q4/2014
<b>Location:</b>	9026 4th AVE S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	Not in an Urban Village

This project provides for development of Marra-Desimone Park, which includes the Marra Farm, Seattle’s largest site for urban gardening. It implements elements of the “Long-Range Development Plan for Marra-Desimone Park” (2008), and may include enhancement of the existing farm area, development of community and recreation space on the eastern side of the park, paths, and gateway features. This project is part of the 2008 Parks Levy.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	100	1,000	0	0	0	0	0	1,100
<b>Total:</b>	0	100	1,000	0	0	0	0	0	1,100
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	100	1,000	0	0	0	0	0	1,100
<b>Total*:</b>	0	100	1,000	0	0	0	0	0	1,100
<b>O &amp; M Costs (Savings)</b>			0	29	30	30	30	31	150
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		66	1,034	0	0	0	0	0	1,100
<b>Total:</b>		66	1,034	0	0	0	0	0	1,100

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Matthews Beach Park Bathhouse Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2012
<b>Project ID:</b>	K730170	<b>End Date:</b>	Q1/2014
<b>Location:</b>	9300 51st AVE NE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	Not in an Urban Village

This project, funded with the 2008 Parks Levy Inflation Adjustment funds, renovates the 3,000 square foot bathhouse for ADA access and improved ventilation and finishes. Specific renovations may include reconfigured stalls, new toilets and urinals, ADA accessories, new paint and finishes, and related work. The renovations will improve access to the facility and make it more inviting and comfortable.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	3	347	0	0	0	0	0	0	350
<b>Total:</b>	3	347	0	0	0	0	0	0	350
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	3	347	0	0	0	0	0	0	350
<b>Total*:</b>	3	347	0	0	0	0	0	0	350
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		340	7	0	0	0	0	0	347
<b>Total:</b>		340	7	0	0	0	0	0	347

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Miller Playfield Synthetic Turf Replacement

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

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	495	495
<b>Total:</b>	0	0	0	0	0	0	0	495	495
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	495	495
<b>Total*:</b>	0	0	0	0	0	0	0	495	495

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Montlake Playfield Play Area Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds	<b>BCL/Program Code:</b>	K720020
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K730102	<b>End Date:</b>	Q1/2014
<b>Location:</b>	1618 E Calhoun ST		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	Not in an Urban Village

This project provides for replacement of play equipment, access improvements, and other work at the existing Montlake PF 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 ADA requirements. This project is part of the 2008 Parks Levy.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	62	488	0	0	0	0	0	0	550
<b>Total:</b>	62	488	0	0	0	0	0	0	550
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	62	488	0	0	0	0	0	0	550
<b>Total*:</b>	62	488	0	0	0	0	0	0	550
<b>O &amp; M Costs (Savings)</b>			12	12	12	12	12	13	73
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		453	35	0	0	0	0	0	488
<b>Total:</b>		453	35	0	0	0	0	0	488

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Mt Baker Park Play Area Renovation

<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas	<b>BCL/Program Code:</b>	K72445
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	K732482	<b>End Date:</b>	Q2/2015
<b>Location:</b>	2521 Lake Park DR S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Not in an Urban Village

This project provides for replacement of all play equipment, addresses fall zone area deficiencies, adds new safety surfacing and containment, installs access and use improvements, including a new ADA path connecting the separate play pods to each other and to the sidewalk, bus stop, and to the parking by the tennis courts, and other associated work at the existing play area which was built in 1994. 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 Federal ADA requirements. This project is funded out of the King County 2013 Levy.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
King County Voter-Approved Levy	0	0	550	0	0	0	0	0	550
<b>Total:</b>	0	0	550	0	0	0	0	0	550
<b>Fund Appropriations/Allocations</b>									
2013 King County Parks Levy	0	0	550	0	0	0	0	0	550
<b>Total*:</b>	0	0	550	0	0	0	0	0	550
<b>Spending Plan by Fund</b>									
2013 King County Parks Levy		0	200	350	0	0	0	0	550
<b>Total:</b>		0	200	350	0	0	0	0	550

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Municipal Energy Efficiency Program - Parks

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	K732433	<b>End Date:</b>	TBD
<b>Location:</b>	Citywide Multiple Locations		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	188	68	0	0	0	0	0	0	256
Miscellaneous Grants or Donations	4	125	0	0	0	0	0	0	129
General Obligation Bonds	219	259	0	0	0	0	0	0	478
<b>Total:</b>	411	452	0	0	0	0	0	0	863
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	188	68	0	0	0	0	0	0	256
Cumulative Reserve Subfund - Unrestricted Subaccount	4	125	0	0	0	0	0	0	129
2011 Multipurpose LTGO Bond Fund	219	259	0	0	0	0	0	0	478
<b>Total*:</b>	411	452	0	0	0	0	0	0	863
<b>O &amp; M Costs (Savings)</b>			(70)	(70)	(70)	(70)	(70)	(70)	(420)
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		68	0	0	0	0	0	0	68
Cumulative Reserve Subfund - Unrestricted Subaccount		100	25	0	0	0	0	0	125
2011 Multipurpose LTGO Bond Fund		259	0	0	0	0	0	0	259
<b>Total:</b>		427	25	0	0	0	0	0	452

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### 2014 - 2019 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Neighborhood Capital Program

<b>BCL/Program Name:</b>	Citywide and Neighborhood Projects	<b>BCL/Program Code:</b>	K72449
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	K732376	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	223	303	207	0	0	0	0	0	733
Real Estate Excise Tax I	243	0	0	0	0	0	0	0	243
<b>Total:</b>	466	303	207	0	0	0	0	0	976
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	223	303	207	0	0	0	0	0	733
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	243	0	0	0	0	0	0	0	243
<b>Total*:</b>	466	303	207	0	0	0	0	0	976
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Neighborhood Park Acquisitions- 2008 Parks Levy

<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Park Acquisition	<b>BCL/Program Code:</b>	K720010
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2009
<b>Project ID:</b>	K730010	<b>End Date:</b>	TBD
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	9,163	7,414	300	300	300	300	300	0	18,077
<b>Total:</b>	9,163	7,414	300	300	300	300	300	0	18,077
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	9,163	7,414	300	300	300	300	300	0	18,077
<b>Total*:</b>	9,163	7,414	300	300	300	300	300	0	18,077
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Neighborhood Parks & Playgrounds- 2008 Parks Levy

<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds	<b>BCL/Program Code:</b>	K720020
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K730020	<b>End Date:</b>	TBD
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	128	229	0	0	0	0	0	0	357
<b>Total:</b>	128	229	0	0	0	0	0	0	357
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	128	229	0	0	0	0	0	0	357
<b>Total*:</b>	128	229	0	0	0	0	0	0	357
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		18	50	50	50	61	0	0	229
<b>Total:</b>		18	50	50	50	61	0	0	229

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Neighborhood Response Program

<b>BCL/Program Name:</b>	Citywide and Neighborhood Projects	<b>BCL/Program Code:</b>	K72449
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732416	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	556	144	0	0	250	250	250	250	1,700
Real Estate Excise Tax I	0	0	180	250	0	0	0	0	430
King County Funds	37	0	0	0	0	0	0	0	37
Private Funding/Donations	48	82	0	0	0	0	0	0	130
<b>Total:</b>	641	226	180	250	250	250	250	250	2,297
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	556	144	0	0	250	250	250	250	1,700
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	180	250	0	0	0	0	430
Cumulative Reserve Subfund - Unrestricted Subaccount	85	82	0	0	0	0	0	0	167
<b>Total*:</b>	641	226	180	250	250	250	250	250	2,297
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		144	180	250	250	250	250	250	1,574
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount		82	0	0	0	0	0	0	82
<b>Total:</b>		226	180	250	250	250	250	250	1,656

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Opportunity Fund Acquisitions- 2008 Parks Levy

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K730040	<b>End Date:</b>	TBD
<b>Location:</b>	Citywide	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	In more than one District		

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	529	489	0	0	0	0	0	0	1,018
<b>Total:</b>	529	489	0	0	0	0	0	0	1,018
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	529	489	0	0	0	0	0	0	1,018
<b>Total*:</b>	529	489	0	0	0	0	0	0	1,018
<b>O &amp; M Costs (Savings)</b>			12	12	12	12	12	12	72

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Opportunity Fund Planning- 2008 Parks Levy

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q3/2009
<b>Project ID:</b>	K730042	<b>End Date:</b>	TBD
<b>Location:</b>	Citywide	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	In more than one District		

This project provides funding for planning and analysis work developing processes, criteria and recommendations on which projects to fund and coordinating community involvement. The project also 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. Funding for specific projects will be authorized and funded through separate legislative action. This project is part of the 2008 Parks Levy.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	354	191	0	0	0	0	0	0	545
<b>Total:</b>	354	191	0	0	0	0	0	0	545
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	354	191	0	0	0	0	0	0	545
<b>Total*:</b>	354	191	0	0	0	0	0	0	545
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		181	10	0	0	0	0	0	191
<b>Total:</b>		181	10	0	0	0	0	0	191

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Parks Facility Access Controls

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	K732476	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This project adds two card swipe access points to every Parks and/or ARC employee occupied site. The project covers the cost of access point installation (including building modification if necessary), software and associated licenses, network upgrades, server installation, lock hardware changes for remaining exterior doors and project management.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	0	0	0
Real Estate Excise Tax I	0	0	1,525	0	0	0	0	0	1,525
<b>Total:</b>	0	0	1,525	0	0	0	0	0	1,525
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	1,525	0	0	0	0	0	1,525
<b>Total*:</b>	0	0	1,525	0	0	0	0	0	1,525

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Parks Maintenance Facility Acquisition - Debt Service

<b>BCL/Program Name:</b>	Debt and Special Funding	<b>BCL/Program Code:</b>	K72440
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	K73502	<b>End Date:</b>	Q4/2022
<b>Location:</b>	4201 W Marginal Wy SW		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	Not in an Urban Village

This project funds debt service payments on 20-year bonds issued in 2002 to pay for the acquisition of the Westbridge Building, a facility that replaced the Department's primary maintenance facility at Roy Street. The replacement of the Roy Street facility assures a safe and efficient location for the Department's professional trades and a portion of the maintenance crews and management staff.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	6,760	561	564	561	563	562	561	559	10,691
City Light Fund Revenues	530	81	55	0	0	0	0	0	666
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	274	0	0	0	0	0	0	0	274
General Obligation Bonds	233	0	0	0	0	0	0	0	233
<b>Total:</b>	<b>7,837</b>	<b>642</b>	<b>619</b>	<b>561</b>	<b>563</b>	<b>562</b>	<b>561</b>	<b>559</b>	<b>11,904</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	6,760	561	564	561	563	562	561	559	10,691
Cumulative Reserve Subfund - Unrestricted Subaccount	530	81	55	0	0	0	0	0	666
Parks and Recreation Fund	40	0	0	0	0	0	0	0	40
Parks 2002 Capital Facilities Bond Fund	274	0	0	0	0	0	0	0	274
2002 LTGO Project	233	0	0	0	0	0	0	0	233
<b>Total*:</b>	<b>7,837</b>	<b>642</b>	<b>619</b>	<b>561</b>	<b>563</b>	<b>562</b>	<b>561</b>	<b>559</b>	<b>11,904</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Parks Upgrade Program

<b>BCL/Program Name:</b>	Parks Infrastructure	<b>BCL/Program Code:</b>	K72441
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732422	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,509	15	0	0	0	0	0	0	1,524
Federal Community Development Block Grant	0	508	808	808	808	808	808	808	5,356
<b>Total:</b>	1,509	523	808	808	808	808	808	808	6,880
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,509	15	0	0	0	0	0	0	1,524
Community Development Block Grant Fund	0	508	808	808	808	808	808	808	5,356
<b>Total*:</b>	1,509	523	808	808	808	808	808	808	6,880
<b>O &amp; M Costs (Savings)</b>			42	43	44	44	44	45	262

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Pavement Restoration Program

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

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	383	304	0	0	400	400	400	400	2,287
Real Estate Excise Tax I	70	0	143	400	0	0	0	0	613
Federal Grant Funds	15	607	0	0	0	0	0	0	622
<b>Total:</b>	468	911	143	400	400	400	400	400	3,522
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	383	304	0	0	400	400	400	400	2,287
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	70	0	143	400	0	0	0	0	613
Cumulative Reserve Subfund - Unrestricted Subaccount	15	607	0	0	0	0	0	0	622
<b>Total*:</b>	468	911	143	400	400	400	400	400	3,522
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Play Area Renovations

<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas	<b>BCL/Program Code:</b>	K72445
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2017
<b>Project ID:</b>	K732468	<b>End Date:</b>	TBD
<b>Location:</b>			
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	107	500	500	1,107
<b>Total:</b>	0	0	0	0	0	107	500	500	1,107
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	107	500	500	1,107
<b>Total*:</b>	0	0	0	0	0	107	500	500	1,107
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Play Area Safety Program

<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas	<b>BCL/Program Code:</b>	K72445
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732403	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	295	145	0	0	150	150	150	150	1,040
Real Estate Excise Tax I	0	0	108	150	0	0	0	0	258
<b>Total:</b>	295	145	108	150	150	150	150	150	1,298
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	295	145	0	0	150	150	150	150	1,040
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	108	150	0	0	0	0	258
<b>Total*:</b>	295	145	108	150	150	150	150	150	1,298
<b>O &amp; M Costs (Savings)</b>			17	18	18	18	18	19	108

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Pool Plaster Liner Replacements

<b>BCL/Program Name:</b>	Pools/Natatorium Renovations	<b>BCL/Program Code:</b>	K72446
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2018
<b>Project ID:</b>	K732455	<b>End Date:</b>	TBD
<b>Location:</b>			
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This project replaces pool plaster liners at five pools: Pop Mounger, Southwest, Ballard, Evans, and Evers. 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	200	0	200
<b>Total:</b>	0	0	0	0	0	0	200	0	200
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	200	0	200
<b>Total*:</b>	0	0	0	0	0	0	200	0	200
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Pratt Park Water Feature Renovation

<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas	<b>BCL/Program Code:</b>	K72445
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	K732469	<b>End Date:</b>	TBD
<b>Location:</b>	1800 S Main ST		
<b>Neighborhood Plan:</b>	Central Area	<b>Neighborhood Plan Matrix:</b>	NC-16
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	0	0	0	0	0	0	0
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	0	0	0	0	0	0	0	0	0
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	171	514	0	0	0	0	685
<b>Total:</b>		0	171	514	0	0	0	0	685

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Puget Park - Environmental Remediation

<b>BCL/Program Name:</b>	Debt and Special Funding	<b>BCL/Program Code:</b>	K72440
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1997
<b>Project ID:</b>	K73127	<b>End Date:</b>	TBD
<b>Location:</b>	1900 SW Dawson St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Delridge	<b>Urban Village:</b>	Not in an Urban Village

This project funds a cleanup action on a portion of Puget Park and on an adjacent related parcel, with participation by four parties involved in the original contamination. The City negotiated a settlement agreement with all parties for funding cleanup costs incurred in the past, as well as future site mitigation costs.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Private Funding/Donations	0	230	75	0	0	0	0	0	305
General Subfund Revenues	21	0	0	0	0	0	0	0	21
Private Funding/Donations	204	0	0	0	0	0	0	0	204
<b>Total:</b>	225	230	75	0	0	0	0	0	530

<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	230	75	0	0	0	0	0	305
Emergency Subfund	21	0	0	0	0	0	0	0	21
Parks and Recreation Fund	204	0	0	0	0	0	0	0	204
<b>Total*:</b>	225	230	75	0	0	0	0	0	530

**O & M Costs (Savings)** 0    0    0    0    0    0    0    0    0

<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		5	10	10	10	10	10	10	65
Emergency Subfund		0	0	0	0	0	0	0	0
Parks and Recreation Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		5	10	10	10	10	10	10	65

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Queen Anne Bowl Playfield Turf Replacement

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

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	0	0	0	480	0	480
<b>Total:</b>	0	0	0	0	0	0	480	0	480
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	480	0	480
<b>Total*:</b>	0	0	0	0	0	0	480	0	480
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Rainier Beach Community Center Redevelopment

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	K732337	<b>End Date:</b>	Q1/2014
<b>Location:</b>	8802 Rainier Ave S		
<b>Neighborhood Plan:</b>	Rainier Beach	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Rainier Beach

This project provides for planning, preliminary design, and redevelopment of a new facility to replace the existing Rainier Beach Community Center and swimming pool. This project was developed by Parks in response to the Seattle School District's decisions about the future of Southshore Middle School, since the school shares a building with the existing community center and pool. A new facility will provide the public with improved and updated recreational opportunities and will complement the two new schools on the site. The specific scope of work for this project is being developed through a community process.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	100	0	0	0	0	0	0	0	100
Real Estate Excise Tax I	47	0	0	0	0	0	0	0	47
General Obligation Bonds	5,747	1,253	0	0	0	0	0	0	7,000
General Obligation Bonds	4,500	0	0	0	0	0	0	0	4,500
General Obligation Bonds	5,132	1,594	0	0	0	0	0	0	6,726
General Obligation Bonds	0	6,600	0	0	0	0	0	0	6,600
<b>Total:</b>	15,526	9,447	0	0	0	0	0	0	24,973
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	100	0	0	0	0	0	0	0	100
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	47	0	0	0	0	0	0	0	47
2009 Multipurpose LTGO Bond Fund	5,747	1,253	0	0	0	0	0	0	7,000
2011 Multipurpose LTGO Bond Fund	4,500	0	0	0	0	0	0	0	4,500
2012 Multipurpose LTGO Bond Fund	5,132	1,594	0	0	0	0	0	0	6,726
2013 Multipurpose LTGO Bond Fund	0	6,600	0	0	0	0	0	0	6,600
<b>Total*:</b>	15,526	9,447	0	0	0	0	0	0	24,973
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### 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	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	1,253	0	0	0	0	0	0	1,253
2011 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2012 Multipurpose LTGO Bond Fund	1,594	0	0	0	0	0	0	1,594
2013 Multipurpose LTGO Bond Fund	6,500	100	0	0	0	0	0	6,600
<b>Total:</b>	9,347	100	0	0	0	0	0	9,447

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Rainier Beach Playfield Play Area Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2012
<b>Project ID:</b>	K730172	<b>End Date:</b>	Q1/2014
<b>Location:</b>	8802 Rainier AVE S		
<b>Neighborhood Plan:</b>	Rainier Beach	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Rainier Beach

This project, funded with the 2008 Parks Levy Inflation Adjustment funds, removes and replaces the climber, adds play equipment for the 2-5 age group, and does other related work. The scope of this project brings the play area into compliance with current play area safety standards and guideline efforts from the American Society of Testing and Materials (ASTM) and the Consumer Product Safety Commission (CPSC). It also meets the requirements of the Americans with Disabilities Act (ADA).

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	39	261	0	0	0	0	0	0	300
<b>Total:</b>	39	261	0	0	0	0	0	0	300
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	39	261	0	0	0	0	0	0	300
<b>Total*:</b>	39	261	0	0	0	0	0	0	300
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		255	6	0	0	0	0	0	261
<b>Total:</b>		255	6	0	0	0	0	0	261

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Rainier Beach Playfield Tennis Courts and Lighting Replacement

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2012
<b>Project ID:</b>	K730173	<b>End Date:</b>	Q1/2014
<b>Location:</b>	8802 Rainier AVE S		
<b>Neighborhood Plan:</b>	Rainier Beach	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Rainier Beach

This project, funded with the 2008 Parks Levy Inflation Adjustment funds, demolishes the existing four lighted tennis courts and constructs new courts and lighting, and improves ADA access. These courts will be more playable for tournaments and general use.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	126	1,174	0	0	0	0	0	0	1,300
<b>Total:</b>	126	1,174	0	0	0	0	0	0	1,300
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	126	1,174	0	0	0	0	0	0	1,300
<b>Total*:</b>	126	1,174	0	0	0	0	0	0	1,300
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		1,154	20	0	0	0	0	0	1,174
<b>Total:</b>		1,154	20	0	0	0	0	0	1,174

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Rainier Beach Urban Farm and Wetlands Improvements

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2011
<b>Project ID:</b>	K730153	<b>End Date:</b>	Q1/2014
<b>Location:</b>	5513 S Cloverdale ST		
<b>Neighborhood Plan:</b>	Rainier Beach	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Rainier Beach

This project, part of the 2008 Parks Levy Opportunity Fund, develops an urban agriculture project, transforming the former Atlantic City Nursery into a working urban farm and demonstration wetlands restoration site, and performing other related work. The working farm will provide educational opportunities and develop a prototype facility in Southeast Seattle.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	300	0	0	0	0	0	300
Seattle Voter-Approved Levy	89	411	0	0	0	0	0	0	500
<b>Total:</b>	89	411	300	0	0	0	0	0	800
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	300	0	0	0	0	0	300
2008 Parks Levy Fund	89	411	0	0	0	0	0	0	500
<b>Total*:</b>	89	411	300	0	0	0	0	0	800
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	300	0	0	0	0	0	300
2008 Parks Levy Fund		406	5	0	0	0	0	0	411
<b>Total:</b>		406	305	0	0	0	0	0	711

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Roof & Building Envelope Program

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732420	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	651	333	0	0	350	350	350	350	2,384
Real Estate Excise Tax I	69	0	203	350	0	0	0	0	622
<b>Total:</b>	720	333	203	350	350	350	350	350	3,006
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	651	333	0	0	350	350	350	350	2,384
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	69	0	203	350	0	0	0	0	622
<b>Total*:</b>	720	333	203	350	350	350	350	350	3,006
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Sam Smith Park Play Area Renovation

<b>BCL/Program Name:</b>	Ballfields/Athletic Courts/Play Areas	<b>BCL/Program Code:</b>	K72445
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	K732481	<b>End Date:</b>	Q2/2015
<b>Location:</b>	1400 Martin Luther King, Jr. WAY S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	CL 1.2
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Not in an Urban Village

This project provides for replacement of play equipment, adds new safety surfacing, installs access improvements, and other associated work at the existing play area which was built in 1994. 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 Federal ADA requirements. This project is funded out of the King County 2013 Levy.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
King County Voter-Approved Levy	0	0	350	0	0	0	0	0	350
<b>Total:</b>	0	0	350	0	0	0	0	0	350

<b>Fund Appropriations/Allocations</b>									
2013 King County Parks Levy	0	0	350	0	0	0	0	0	350
<b>Total*:</b>	0	0	350	0	0	0	0	0	350

<b>Spending Plan by Fund</b>									
2013 King County Parks Levy		0	150	200	0	0	0	0	350
<b>Total:</b>		0	150	200	0	0	0	0	350

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Santos Rodriguez Memorial Park (El Centro de la Raza) Play Area Improvements

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2011
<b>Project ID:</b>	K730154	<b>End Date:</b>	Q1/2014
<b>Location:</b>	16th AVE S/S Lander ST		
<b>Neighborhood Plan:</b>	North Beacon Hill	<b>Neighborhood Plan Matrix:</b>	OS-6
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	Beacon Hill

This project, part of the 2008 Parks Levy Opportunity Fund, revitalizes the existing play area and increases public access. It adds a public play area and makes the site more accessible to the community. A condition of this funding is that public access is allowed during non-daycare hours. The site is owned by the non-profit El Centro de la Raza.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	79	271	0	0	0	0	0	0	350
<b>Total:</b>	79	271	0	0	0	0	0	0	350
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	79	271	0	0	0	0	0	0	350
<b>Total*:</b>	79	271	0	0	0	0	0	0	350
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		261	10	0	0	0	0	0	271
<b>Total:</b>		261	10	0	0	0	0	0	271

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Seattle Asian Art Museum Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Cultural Facilities	<b>BCL/Program Code:</b>	K720021
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	TBD
<b>Project ID:</b>	K730122	<b>End Date:</b>	TBD
<b>Location:</b>	1400 Prospect ST		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	4,500	0	4,500	0	0	0	0	9,000
<b>Total:</b>	0	4,500	0	4,500	0	0	0	0	9,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	4,500	0	4,500	0	0	0	0	9,000
<b>Total*:</b>	0	4,500	0	4,500	0	0	0	0	9,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		0	0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Seattle Asian Art Museum Restoration

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q4/2007
<b>Project ID:</b>	K732369	<b>End Date:</b>	TBD
<b>Location:</b>	1400 Prospect ST		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	Not in an Urban Village

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	600	0	0	0	0	0	0	0	600
Real Estate Excise Tax I	133	1,208	0	0	0	0	0	0	1,341
Property Sales and Interest Earnings	88	71	0	0	0	0	0	0	159
<b>Total:</b>	821	1,279	0	0	0	0	0	0	2,100
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	600	0	0	0	0	0	0	0	600
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	133	1,208	0	0	0	0	0	0	1,341
Cumulative Reserve Subfund - Unrestricted Subaccount	88	71	0	0	0	0	0	0	159
<b>Total*:</b>	821	1,279	0	0	0	0	0	0	2,100
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Seward Park Forest Restoration

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

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Miscellaneous Grants or Donations	599	110	101	104	111	114	58	0	1,197
<b>Total:</b>	599	110	101	104	111	114	58	0	1,197
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	599	110	101	104	111	114	58	0	1,197
<b>Total*:</b>	599	110	101	104	111	114	58	0	1,197
<b>O &amp; M Costs (Savings)</b>			11	12	12	12	12	12	71

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Seward Park Water System Replacement

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K730174	<b>End Date:</b>	Q4/2014
<b>Location:</b>	5902 Lake Washington BLVD S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Not in an Urban Village

This project, funded with the 2008 Parks Levy Inflation Adjustment funds, replaces the undersized domestic water and fire protection service lines which are in poor condition. It also increases hydrant sizes. The overall water system will be reduced for maximum efficiency.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	17	2,183	0	0	0	0	0	0	2,200
<b>Total:</b>	17	2,183	0	0	0	0	0	0	2,200
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	17	2,183	0	0	0	0	0	0	2,200
<b>Total*:</b>	17	2,183	0	0	0	0	0	0	2,200
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		65	2,118	0	0	0	0	0	2,183
<b>Total:</b>		65	2,118	0	0	0	0	0	2,183

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### 2014 - 2019 Proposed Capital Improvement Program

# Department of Parks and Recreation

## Shoreline Access- Street Ends

<b>BCL/Program Name:</b>	2008 Parks Levy- Shoreline Access	<b>BCL/Program Code:</b>	K720032
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2009
<b>Project ID:</b>	K730032	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This project provides for development of existing City-owned street-ends to provide publicly accessible shoreline. Potential project locations include: NE 135th Street, NE 130th Street, 109/McGraw Street, 20th Avenue NW, 26/S. Fidalgo Street, 75th Avenue S., 72nd Avenue S., SW Bronson Way, Spokane Street, and S. Riverside Drive, but may include other sites as well. Viewpoints, as well as canoe and kayak launching points, will be afforded throughout the City. This project is part of the 2008 Parks Levy.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	239	186	75	0	0	0	0	0	500
<b>Total:</b>	239	186	75	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	239	186	75	0	0	0	0	0	500
<b>Total*:</b>	239	186	75	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		150	75	36	0	0	0	0	261
<b>Total:</b>		150	75	36	0	0	0	0	261

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Shoreline and Dock Restoration

<b>BCL/Program Name:</b>	West Point Settlement Projects	<b>BCL/Program Code:</b>	K72982
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K732438	<b>End Date:</b>	TBD
<b>Location:</b>			
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

The project renovates shorelines, docks, piers, and boat ramps, and performs related work at selected sites in the park system. Work includes, but is not limited to, repairs of the piles, caps, stringers, decking, breakwater structures, and boat ramp structures. It also provides for shoreline improvements such as laying sand and gravel to replenish beaches that have eroded and planting to protect the shoreline. These improvements extend the useful life of these facilities, many of which generate revenues to the Department each year. The funding source for this project is SPIF funding.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
King County Funds	1	59	0	0	0	0	0	0	60
<b>Total:</b>	1	59	0	0	0	0	0	0	60
<b>Fund Appropriations/Allocations</b>									
Shoreline Park Improvement Fund	1	59	0	0	0	0	0	0	60
<b>Total*:</b>	1	59	0	0	0	0	0	0	60
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Shoreline Park Improvement Fund		50	9	0	0	0	0	0	59
<b>Total:</b>		50	9	0	0	0	0	0	59

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### SR 520 Bridge Replacement and HOV Project Mitigation

<b>BCL/Program Name:</b>	Parks Infrastructure	<b>BCL/Program Code:</b>	K72441
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2011
<b>Project ID:</b>	K732435	<b>End Date:</b>	TBD
<b>Location:</b>	Multiple Sites		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	Not in an Urban Village

This project provides for natural environment mitigation review, consultation services and other related work for the State of Washington Department of Transportation in support of the state SR 520, I-5 to Medina: Bridge Replacement and HOV Project. This project will impact the Washington Park Arboretum, and parks, trails and shorelines along Lake Washington and the Lake Washington Ship Canal.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
State Interlocal Revenues	647	406	0	0	0	0	0	0	1,053
<b>Total:</b>	647	406	0	0	0	0	0	0	1,053
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	647	406	0	0	0	0	0	0	1,053
<b>Total*:</b>	647	406	0	0	0	0	0	0	1,053
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		306	100	0	0	0	0	0	406
<b>Total:</b>		306	100	0	0	0	0	0	406

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Tennis & Basketball Court Renovation Program

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

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	168	82	0	0	100	100	100	100	650
Real Estate Excise Tax I	0	0	45	100	0	0	0	0	145
<b>Total:</b>	168	82	45	100	100	100	100	100	795
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	168	82	0	0	100	100	100	100	650
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	45	100	0	0	0	0	145
<b>Total*:</b>	168	82	45	100	100	100	100	100	795
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Trails Renovation Program

<b>BCL/Program Name:</b>	Citywide and Neighborhood Projects	<b>BCL/Program Code:</b>	K72449
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732419	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	325	325	0	0	350	350	350	350	2,050
Real Estate Excise Tax I	650	0	293	350	0	0	0	0	1,293
<b>Total:</b>	975	325	293	350	350	350	350	350	3,343
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	325	325	0	0	350	350	350	350	2,050
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	650	0	293	350	0	0	0	0	1,293
<b>Total*:</b>	975	325	293	350	350	350	350	350	3,343
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

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

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K730155	<b>End Date:</b>	Q2/2014
<b>Location:</b>	Aurora AVE N/N 36th ST/N 36TH ST		
<b>Neighborhood Plan:</b>	Fremont	<b>Neighborhood Plan Matrix:</b>	D3.U.3
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
Seattle Voter-Approved Levy		15	670	0	0	0	0	0	0	685
<b>Total:</b>		15	670	0	0	0	0	0	0	685
<b>Fund Appropriations/Allocations</b>										
2008 Parks Levy Fund		15	670	0	0	0	0	0	0	685
<b>Total*:</b>		15	670	0	0	0	0	0	0	685
<b>O &amp; M Costs (Savings)</b>				24	24	25	25	26	26	150
<b>Spending Plan by Fund</b>										
2008 Parks Levy Fund			625	45	0	0	0	0	0	670
<b>Total:</b>			625	45	0	0	0	0	0	670

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### University Heights - South Lot Development

<b>BCL/Program Name:</b>	2008 Parks Levy- Opportunity Fund	<b>BCL/Program Code:</b>	K720041
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2011
<b>Project ID:</b>	K730156	<b>End Date:</b>	Q1/2014
<b>Location:</b>	University Wy NE/NE 50th St		
<b>Neighborhood Plan:</b>	University	<b>Neighborhood Plan Matrix:</b>	D2
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	University District

This project, part of the 2008 Parks Levy Opportunity Fund, creates a multi-use open space, a performance area/plaza for the public rain gardens to accept storm water runoff, and performs other related work. These amenities will increase the public use of this site which is located in a dense part of the City.

		LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
Seattle Voter-Approved Levy		15	732	0	0	0	0	0	0	747
<b>Total:</b>		15	732	0	0	0	0	0	0	747
<b>Fund Appropriations/Allocations</b>										
2008 Parks Levy Fund		15	732	0	0	0	0	0	0	747
<b>Total*:</b>		15	732	0	0	0	0	0	0	747
<b>O &amp; M Costs (Savings)</b>				6	6	7	7	7	8	41
<b>Spending Plan by Fund</b>										
2008 Parks Levy Fund			700	32	0	0	0	0	0	732
<b>Total:</b>			700	32	0	0	0	0	0	732

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### University Heights Open Space Improvements

<b>BCL/Program Name:</b>	2000 Parks Levy - Neighborhood Park Development	<b>BCL/Program Code:</b>	K723003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2009
<b>Project ID:</b>	K733124	<b>End Date:</b>	Q1/2014
<b>Location:</b>	University Wy NE/NE 50th St		
<b>Neighborhood Plan:</b>	University	<b>Neighborhood Plan Matrix:</b>	D2
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	University District

This project creates a community open space on the south side of the University Heights building. The scope of work for this project will be developed through a community process. This project is part of the 2000 Parks Levy Neighborhood Park Development Program.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	172	82	0	0	0	0	0	0	254
<b>Total:</b>	172	82	0	0	0	0	0	0	254
<b>Fund Appropriations/Allocations</b>									
2000 Parks Levy Fund	172	82	0	0	0	0	0	0	254
<b>Total*:</b>	172	82	0	0	0	0	0	0	254
<b>O &amp; M Costs (Savings)</b>			24	25	25	26	26	26	152
<b>Spending Plan by Fund</b>									
2000 Parks Levy Fund		72	10	0	0	0	0	0	82
<b>Total:</b>		72	10	0	0	0	0	0	82

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Urban Forestry - Forest Restoration Program

<b>BCL/Program Name:</b>	Forest Restoration	<b>BCL/Program Code:</b>	K72442
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	K732410	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	In more than one District		

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	511	193	0	0	200	200	200	200	1,504
Real Estate Excise Tax I	0	0	186	200	0	0	0	0	386
<b>Total:</b>	511	193	186	200	200	200	200	200	1,890
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	511	193	0	0	200	200	200	200	1,504
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	186	200	0	0	0	0	386
<b>Total*:</b>	511	193	186	200	200	200	200	200	1,890
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Urban Forestry - Green Seattle Partnership

<b>BCL/Program Name:</b>	Forest Restoration	<b>BCL/Program Code:</b>	K72442
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	K732340	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	2,476	715	0	0	1,700	1,700	1,700	1,700	9,991
Real Estate Excise Tax I	1,500	875	1,583	1,597	0	0	0	0	5,555
King County Funds	124	31	0	0	0	0	0	0	155
<b>Total:</b>	4,100	1,621	1,583	1,597	1,700	1,700	1,700	1,700	15,701
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,476	715	0	0	1,700	1,700	1,700	1,700	9,991
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,500	875	1,583	1,597	0	0	0	0	5,555
Cumulative Reserve Subfund - Unrestricted Subaccount	124	31	0	0	0	0	0	0	155
<b>Total*:</b>	4,100	1,621	1,583	1,597	1,700	1,700	1,700	1,700	15,701
<b>O &amp; M Costs (Savings)</b>			387	394	402	410	418	0	2,011

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Urban Forestry - Green Seattle Partnership- 2008 Parks Levy

<b>BCL/Program Name:</b>	2008 Parks Levy- Forest & Stream Restoration	<b>BCL/Program Code:</b>	K720030
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2009
<b>Project ID:</b>	K730136	<b>End Date:</b>	Q2/2015
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	3,135	495	426	427	0	0	0	0	4,483
<b>Total:</b>	3,135	495	426	427	0	0	0	0	4,483
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	3,135	495	426	427	0	0	0	0	4,483
<b>Total*:</b>	3,135	495	426	427	0	0	0	0	4,483
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Urban Forestry - Kiwanis Ravine Restoration

<b>BCL/Program Name:</b>	2008 Parks Levy- Forest & Stream Restoration	<b>BCL/Program Code:</b>	K720030
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2009
<b>Project ID:</b>	K730137	<b>End Date:</b>	Q4/2015
<b>Location:</b>	4404 36th AVE W		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Not in an Urban Village

This project funds the restoration of the forest in Kiwanis Ravine which is declining due to invasive Alder and Big Leaf Maple trees. The project will include forest and creek restoration and provide native habitat for the heron rookery. The Kiwanis Ravine is home to Seattle's largest nesting colony of Great Blue Herons. This project is part of the 2008 Parks Levy.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	403	197	0	0	0	0	0	0	600
<b>Total:</b>	403	197	0	0	0	0	0	0	600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	403	197	0	0	0	0	0	0	600
<b>Total*:</b>	403	197	0	0	0	0	0	0	600
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		76	80	41	0	0	0	0	197
<b>Total:</b>		76	80	41	0	0	0	0	197

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Urban Forestry - Tree Replacement

<b>BCL/Program Name:</b>	Forest Restoration	<b>BCL/Program Code:</b>	K72442
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	K732339	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	In more than one District		

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	980	95	0	0	95	95	95	95	1,455
Real Estate Excise Tax I	0	0	50	95	0	0	0	0	145
Miscellaneous Grants or Donations	33	9	0	0	0	0	0	0	42
<b>Total:</b>	1,013	104	50	95	95	95	95	95	1,642
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	980	95	0	0	95	95	95	95	1,455
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	50	95	0	0	0	0	145
Cumulative Reserve Subfund - Unrestricted Subaccount	33	9	0	0	0	0	0	0	42
<b>Total*:</b>	1,013	104	50	95	95	95	95	95	1,642
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Urban Forestry- West Duwamish Restoration

<b>BCL/Program Name:</b>	Forest Restoration	<b>BCL/Program Code:</b>	K72442
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	K732431	<b>End Date:</b>	Q4/2013
<b>Location:</b>	W Marginal WAY SW/SW Myrtle ST SW		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	Not in an Urban Village

This project supports reforestation programs for the Soundway properties in the West Duwamish Greenbelt. This Washington State funding is to be used by the City of Seattle, in cooperation with the Nature Consortium for habitat, recreation improvements, or stewardship of the property. Programs include, but are not limited to, volunteer recruitment, education, and reforestation activities such as invasive plant removal, native plantings, trail construction, and monitoring and ongoing maintenance of reforestation sites.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
State Grant Funds	295	205	0	0	0	0	0	0	500
<b>Total:</b>	295	205	0	0	0	0	0	0	500
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	295	205	0	0	0	0	0	0	500
<b>Total*:</b>	295	205	0	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Utility Conservation Program

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2007
<b>Project ID:</b>	K732336	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Subfund Revenues	111	0	0	0	0	0	0	0	111
Real Estate Excise Tax II	923	395	0	0	250	250	250	250	2,318
Real Estate Excise Tax I	0	0	89	250	0	0	0	0	339
Miscellaneous Grants or Donations	821	105	105	105	105	105	105	105	1,556
<b>Total:</b>	1,855	500	194	355	355	355	355	355	4,324
<b>Fund Appropriations/Allocations</b>									
General Subfund	111	0	0	0	0	0	0	0	111
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	923	395	0	0	250	250	250	250	2,318
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	89	250	0	0	0	0	339
Cumulative Reserve Subfund - Unrestricted Subaccount	821	105	105	105	105	105	105	105	1,556
<b>Total*:</b>	1,855	500	194	355	355	355	355	355	4,324
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Victor Steinbrueck Park Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds	<b>BCL/Program Code:</b>	K720020
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	K730115	<b>End Date:</b>	TBD
<b>Location:</b>	2001 Western AVE		
<b>Neighborhood Plan:</b>	Commercial Core	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	0	400	1,200	0	0	0	0	0	1,600
<b>Total:</b>	0	400	1,200	0	0	0	0	0	1,600
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	0	400	1,200	0	0	0	0	0	1,600
<b>Total*:</b>	0	400	1,200	0	0	0	0	0	1,600
<b>O &amp; M Costs (Savings)</b>			0	10	10	10	10	11	51
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		0	1,000	600	0	0	0	0	1,600
<b>Total:</b>		0	1,000	600	0	0	0	0	1,600

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Volunteer Park Conservatory Renovation

<b>BCL/Program Name:</b>	Building Component Renovations	<b>BCL/Program Code:</b>	K72444
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	K732443	<b>End Date:</b>	
<b>Location:</b>	1400 E Galer St	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	East District		

This project renovates the facilities in the Conservatory complex, which includes the east wing of the Conservatory, the east wing of the Production Greenhouse to the north of the Conservatory, and related elements. These buildings are Seattle Historic Landmarks. Funding for construction will be shared by Parks and the Friends of the Conservatory, the non-profit who has committed to fundraising to complete the renovation of the Conservatory buildings.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	22	2,278	0	0	0	0	0	2,300
Miscellaneous Grants or Donations	0	0	700	0	0	0	0	0	700
<b>Total:</b>	0	22	2,978	0	0	0	0	0	3,000
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	22	2,278	0	0	0	0	0	2,300
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	700	0	0	0	0	0	700
<b>Total*:</b>	0	22	2,978	0	0	0	0	0	3,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		22	2,278	0	0	0	0	0	2,300
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	500	200	0	0	0	700
<b>Total:</b>		22	2,278	500	200	0	0	0	3,000

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Volunteer Park Play Area Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds	<b>BCL/Program Code:</b>	K720020
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	K730116	<b>End Date:</b>	Q1/2014
<b>Location:</b>	1247 15th AVE NE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	CC3
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	Not in an Urban Village

This project provides for replacement of play equipment, access improvements, and other work at the existing Volunteer 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 ADA requirements. This project is part of the 2008 Parks Levy.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	439	361	0	0	0	0	0	0	800
<b>Total:</b>	439	361	0	0	0	0	0	0	800
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	439	361	0	0	0	0	0	0	800
<b>Total*:</b>	439	361	0	0	0	0	0	0	800
<b>O &amp; M Costs (Savings)</b>			13	13	14	14	15	15	84
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		321	40	0	0	0	0	0	361
<b>Total:</b>		321	40	0	0	0	0	0	361

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Parks and Recreation

### Washington Park Arboretum Improvements- 2008 Parks Levy

<b>BCL/Program Name:</b>	2008 Parks Levy- Major Parks	<b>BCL/Program Code:</b>	K720023
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2010
<b>Project ID:</b>	K730132	<b>End Date:</b>	Q4/2014
<b>Location:</b>	2300 Arboretum DR E		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	Not in an Urban Village

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	1,882	971	0	0	0	0	0	0	2,853
Private Funding/Donations	290	78	0	0	0	0	0	0	368
<b>Total:</b>	2,172	1,049	0	0	0	0	0	0	3,221
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	2,172	1,049	0	0	0	0	0	0	3,221
<b>Total*:</b>	2,172	1,049	0	0	0	0	0	0	3,221
<b>O &amp; M Costs (Savings)</b>			66	74	76	77	77	77	447
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		332	350	367	0	0	0	0	1,049
<b>Total:</b>		332	350	367	0	0	0	0	1,049

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### West Seattle Reservoir Park Development

<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds	<b>BCL/Program Code:</b>	K720020
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2009
<b>Project ID:</b>	K730119	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project provides for new park development on the West Seattle Reservoir. Seattle Public Utilities will develop a new covered reservoir in the footprint of the existing open reservoir during 2009-2010. The scope of this project includes the development of a master plan for the new park space and the surrounding portions of the existing Westcrest Park, and implementation of the plan. This project is part of the 2008 Parks Levy.

		LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
Seattle Voter-Approved Levy		693	2,762	0	0	0	0	0	0	3,455
<b>Total:</b>		693	2,762	0	0	0	0	0	0	3,455
<b>Fund Appropriations/Allocations</b>										
2008 Parks Levy Fund		693	2,762	0	0	0	0	0	0	3,455
<b>Total*:</b>		693	2,762	0	0	0	0	0	0	3,455
<b>O &amp; M Costs (Savings)</b>				158	161	164	167	170	0	820
<b>Spending Plan by Fund</b>										
2008 Parks Levy Fund			1,762	1,000	0	0	0	0	0	2,762
<b>Total:</b>			1,762	1,000	0	0	0	0	0	2,762

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Woodland Park Play Area Renovation

<b>BCL/Program Name:</b>	2008 Parks Levy- Neighborhood Parks and Playgrounds	<b>BCL/Program Code:</b>	K720020
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	K730120	<b>End Date:</b>	Q1/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Greenlake	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	Not in an Urban Village

This project provides for replacement of play equipment, access improvements, and other work at the existing Woodland Park play area located near the Zoo. 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 ADA requirements. This project is part of the 2008 Parks Levy.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	35	315	0	0	0	0	0	0	350
<b>Total:</b>	35	315	0	0	0	0	0	0	350
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	35	315	0	0	0	0	0	0	350
<b>Total*:</b>	35	315	0	0	0	0	0	0	350
<b>O &amp; M Costs (Savings)</b>			11	12	12	12	12	13	72
<b>Spending Plan by Fund</b>									
2008 Parks Levy Fund		300	15	0	0	0	0	0	315
<b>Total:</b>		300	15	0	0	0	0	0	315

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### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### Zoo Parking Garage Development

<b>BCL/Program Name:</b>	Parks Infrastructure	<b>BCL/Program Code:</b>	K72441
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	K732471	<b>End Date:</b>	Q4/2013
<b>Location:</b>	5500 Phinney AVE N		
<b>Neighborhood Plan:</b>	Crown Hill/Ballard	<b>Neighborhood Plan Matrix:</b>	III T 13
<b>Neighborhood District:</b>	Ballard	<b>Urban Village:</b>	Ballard

This project provides for the development of a surface parking lot on the West side of the Zoo. This project provides on-site spaces to help reduce parking and congestion on neighborhood streets. Although no appropriations have been made for this project, \$2 million has been set aside in 2013 in a Zoo Capital Needs Reserve in the Cumulative Reserve Subfund – Unrestricted Subaccount for possible future appropriations.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Unrestricted Street Vacations	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	0	0	0	0	0	0	0
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	0	0	0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Center



### Overview

The place that we know today as Seattle Center has a long history as a gathering place for our city and region. It was a location where Native American tribes gathered for talk, ceremony and celebration. In the 1920's 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 1930's the Washington State Armory (later called Center House and recently renamed the Armory) was built. Memorial Stadium was constructed in the 1940's. In the late 1950's and early 1960's 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, 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 August of 2008 the City Council adopted a new master plan for Seattle Center, the Seattle Center Century 21 Master Plan, which will guide development of the Seattle Center campus over the next 20 years.

Seattle Center's Proposed 2014 CIP is \$7.1 million. In addition, KEXP will use \$14.8 million of private funds (for KEXP) to redevelop the Northwest rooms; the funds will remain with KEXP rather than being transferred to the City. The 2015 to 2019 Seattle Center CIP spending plan averages \$8.9 million per year. Actual out-year spending is dependent upon the availability of various revenue sources, in particular REET revenue.

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.

### 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

#### 2014 - 2019 Proposed Capital Improvement Program

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 \$9.4 million in 2014 dollars.

Seattle Center's annual CIP spending over the last eight years has averaged \$7.9 million (including a major renovation of the monorail). 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 and 2011 bonds are being repaid with REET funds, and the 2007 monorail bonds 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 2013. Another important part of Seattle Center capital funding is the intermittent infusion of a significant amount of capital dollars every seven to ten years from a bond issue (1977, 1984), or a levy (1991, 1999). As Seattle Center enters its next 50 years, it will continue to work with City officials to determine how best to meet its future capital needs.

Seattle Center continues to draw millions of visitors each year and provides green and open space in an increasingly dense center of the city. In 2008, following a two-year community process, the City Council adopted the Seattle Center Century 21 Master Plan. This 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. Seattle Center has used mostly one-time funding sources to complete initial Master Plan capital projects: Broad Street Renovation Phase I (2009), new Seattle Center Skatepark (2009), Theater Commons (2010), Campus Signage Renovation (2011), and Armory Atrium Renovation (2012). The challenge in the coming years is how to fund the vision of the Master Plan and to maintain existing assets.

### **Thematic Priorities**

The thematic priorities for Seattle Center's 2014-2019 CIP are as follows:

Safety and Security – The safety of Seattle Center visitors and staff is always the first priority. In 2014, Seattle Center replaces automatic security bollards at a third campus entry location, in follow-up to replacing security bollards at two entries in 2013.

Disabled Access – In 2014, Seattle Center continues a program to improve disabled access to the campus and to individual buildings, including the Armory, the Exhibition Hall and KeyArena.

Asset Preservation – In 2014, 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

### **2014 - 2019 Proposed Capital Improvement Program**



existing facilities. Armory asset preservation work in 2014 builds on recent renovation work in the Atrium, in the heavily used public restrooms, and in the third floor Conference Center with additional restroom renovation and atrium improvements. Asset preservation work in McCaw Hall and KeyArena continues in 2014 and is overseen by the McCaw Hall Operating Board and the KeyArena Operating Board, respectively. An ongoing program of renovation of the Seattle Center Monorail continues in 2014, primarily funded with Federal Transit Administration (FTA) grant funds. Also in 2014, Seattle Center makes asset preservation investments in campus HVAC infrastructure and campus open spaces. Allocation levels for asset preservation in the out years, 2015-19, will depend on available resources.

Energy Efficiency and Sustainability – Sustainability is a key principle of the Seattle Center Century 21 Master Plan. In 2014, Seattle Center improves metering of heating and cooling use to better track building energy use and makes priority renovations to outdated HVAC components.

Implementation of the Seattle Center Century 21 Master Plan – In 2014, Seattle Center will develop an Action Plan for the redevelopment of the Memorial Stadium site, the centerpiece project in the Century 21 Master Plan. The Action Plan will take the current redevelopment ideas and shape them into a program with a phased implementation plan and cost estimates.

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 2014, Seattle Center will invest in event-related infrastructure that supports the revenue generating capacity of facilities throughout the campus. An example is the Armory Rehabilitation project that redevelops the third floor atrium. This improvement increases the appeal of the adjacent conference rooms which are rented throughout the year.

Leverage Non-City Funds – In 2014, public radio station KEXP will undertake a \$14.8 million privately funded renovation of the upper Northwest Rooms at Seattle Center to be their new home. The City provides \$250,000 for emergency power and fiber connections to ensure that KEXP is able to fulfill its emergency broadcast role in the event of an emergency. The 2014 Proposed CIP also includes \$750,000 for the development of an Innovation Lab in the former Northwest Rooms which would train high school students in digital media technologies, with the goal of connecting students' passions with career opportunities. It will serve high school, college, and life-long learners by forging strategic partnerships with Seattle-area companies, educational institutions, and technology leaders. In McCaw Hall, the City's \$250,000 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. Staff initially prioritize projects within work groups, and then a group of managers and directors work to prioritize projects across the Center. Seattle Center does not use a point system to prioritize projects but looks across all the project selection criteria to determine project priorities.

## Seattle Center

Major maintenance funding has fallen far short of the levels recommended in the City's 2003 Asset Preservation Study, especially during 2009-12 due to dramatic reductions in Real Estate Excise Tax (REET) revenues, a primary source of major maintenance/asset preservation funding for Seattle Center. To allocate limited major maintenance funding, Seattle Center prioritizes projects which cannot be delayed due to safety concerns or system failure, and allocates some level of annual asset preservation investment in the major public assembly facilities, including McCaw Hall, KeyArena, Fisher Pavilion, the Armory and campus grounds.

### Future Projects/What is on the Horizon

The Seattle Center Century 21 Master Plan, adopted by the City Council in 2008, is a roadmap for the redevelopment of Seattle Center over the next 20 years. The total estimated cost of Master Plan improvements is \$567 million (in 2007 dollars). The Master Plan addresses Seattle Center's aging infrastructure, the Center's critical role as a cultural and recreational center for the city and region, and the need for the Center to remain competitive in the marketplace and grow its revenue potential. The expectation is that the Master Plan will be implemented incrementally, as funds, partners, and opportunities become available. This was the experience with the 1990 Master Plan. Between 1990 and 2005, \$700 million was invested in the redevelopment of Seattle Center, including \$440 million in private funds, voter-approved levies in 1991 and 1999, and funding from King County, the State, and the Federal government.

Looking ahead, Seattle Center is intently focused on the following two Century 21 Master Plan projects (costs are in 2011 dollars):

- Memorial Stadium Site Redevelopment (a new cost estimate will be developed in 2014 Action Plan)
- Redevelopment of the former North Fun Forest area (\$6.5 million)

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Armory Rehabilitation</b>					<b>BCL/Program Code:</b>				<b>S9113</b>
Armory Food Court Renovation (S1001)	4,552	23	0	0	0	0	0	0	4,575
Armory Food Court Renovation - Debt Service (S1002)	443	384	384	380	381	382	383	381	3,118
Armory Rehabilitation (S9113)	12,382	1,137	675	700	734	764	789	815	17,996
<b>Armory Rehabilitation</b>	<b>17,377</b>	<b>1,544</b>	<b>1,059</b>	<b>1,080</b>	<b>1,115</b>	<b>1,146</b>	<b>1,172</b>	<b>1,196</b>	<b>25,689</b>
<b>Bagley Wright Theatre Maintenance Fund</b>					<b>BCL/Program Code:</b>				<b>S9606</b>
Bagley Wright Theatre Maintenance Fund (S9606)	1,455	18	0	0	0	0	0	0	1,473
<b>Bagley Wright Theatre Maintenance Fund</b>	<b>1,455</b>	<b>18</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,473</b>
<b>Campuswide Improvements and Repairs</b>					<b>BCL/Program Code:</b>				<b>S03P01</b>
ADA Improvements (S9302)	861	2,090	1,099	0	0	0	0	0	4,050
Artwork Maintenance (S9303)	399	101	30	30	58	60	61	62	801
Fun Forest Site Restoration (S0901)	787	1,127	0	0	0	0	0	0	1,914
General Site Improvements (S0305)	2,402	140	290	100	233	246	255	263	3,929
Northwest Rooms Redevelopment (S1401)	0	0	15,750	0	0	0	0	0	15,750
Open Space Restoration and Repair (S9704)	7,121	423	530	450	450	450	450	450	10,324
Preliminary Engineering and Planning (S9706)	981	300	75	100	100	100	100	100	1,856
Seattle Center Long Range Investment Plan (S0703)	1,359	225	290	0	0	0	0	0	1,874
Site Signage (S9118)	3,071	61	0	0	100	100	100	100	3,532
<b>Campuswide Improvements and Repairs</b>	<b>16,981</b>	<b>4,467</b>	<b>18,064</b>	<b>680</b>	<b>941</b>	<b>956</b>	<b>966</b>	<b>975</b>	<b>44,030</b>
<b>Facility Infrastructure Renovation and Repair</b>					<b>BCL/Program Code:</b>				<b>S03P02</b>
Roof/Structural Replacement and Repair (S9701)	8,638	0	0	0	410	218	225	233	9,724
Roof/Structural Replacement and Repair - Debt Service (S0304)	7,147	780	0	0	0	0	0	0	7,927
<b>Facility Infrastructure Renovation and Repair</b>	<b>15,785</b>	<b>780</b>	<b>0</b>	<b>0</b>	<b>410</b>	<b>218</b>	<b>225</b>	<b>233</b>	<b>17,651</b>

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Fisher Pavilion</b>					<b>BCL/Program Code:</b>				<b>S9705</b>
Fisher Pavilion Asset Preservation (S0701)	31	74	0	0	269	280	288	296	1,238
<b>Fisher Pavilion</b>	31	74	0	0	269	280	288	296	1,238
<b>KeyArena</b>					<b>BCL/Program Code:</b>				<b>S03P04</b>
KeyArena Improvements & Repairs (S9901)	2,906	840	200	500	576	599	619	639	6,879
<b>KeyArena</b>	2,906	840	200	500	576	599	619	639	6,879
<b>Lot 2 Development Project</b>					<b>BCL/Program Code:</b>				<b>S0501</b>
Lot 2 Development (S0501)	5,815	785	102	0	0	0	0	0	6,702
<b>Lot 2 Development Project</b>	5,815	785	102	0	0	0	0	0	6,702
<b>McCaw Hall Capital Reserve Fund</b>					<b>BCL/Program Code:</b>				<b>S0303</b>
McCaw Hall Asset Preservation (S0303)	1,042	1,058	521	531	2,362	561	2,580	595	9,250
<b>McCaw Hall Capital Reserve Fund</b>	1,042	1,058	521	531	2,362	561	2,580	595	9,250
<b>Monorail Improvements</b>					<b>BCL/Program Code:</b>				<b>S9403</b>
Monorail Improvements (S9403)	12,754	2,120	875	756	830	793	1,125	1,125	20,378
Monorail Improvements Debt Service (S0702)	2,842	551	548	550	551	549	0	0	5,591
<b>Monorail Improvements</b>	15,596	2,671	1,423	1,306	1,381	1,342	1,125	1,125	25,969
<b>Parking Repairs and Improvements</b>					<b>BCL/Program Code:</b>				<b>S0301</b>
Parking Repairs and Improvements (S0301)	1,209	581	0	0	500	250	250	250	3,040
<b>Parking Repairs and Improvements</b>	1,209	581	0	0	500	250	250	250	3,040
<b>Public Gathering Space Improvements</b>					<b>BCL/Program Code:</b>				<b>S9902</b>
Public Gathering Space Improvements (S9902)	3,060	1,104	90	90	319	338	346	354	5,701
<b>Public Gathering Space Improvements</b>	3,060	1,104	90	90	319	338	346	354	5,701
<b>Theatre Improvements and Repairs</b>					<b>BCL/Program Code:</b>				<b>S9604</b>
Theatre Improvements and Repairs (S9604)	3,638	204	0	0	659	675	690	704	6,570
<b>Theatre Improvements and Repairs</b>	3,638	204	0	0	659	675	690	704	6,570

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Utility Infrastructure</b>					<b>BCL/Program Code:</b>				<b>S03P03</b>
Municipal Energy Efficiency Program (S1003)	195	440	0	0	0	0	0	0	635
Utility Infrastructure Master Plan & Repairs (S0101)	4,374	275	410	415	435	453	468	483	7,313
<b>Utility Infrastructure</b>	<b>4,569</b>	<b>715</b>	<b>410</b>	<b>415</b>	<b>435</b>	<b>453</b>	<b>468</b>	<b>483</b>	<b>7,948</b>
<b>Waste/Recycle Center, Warehouse and Shops Improvements</b>					<b>BCL/Program Code:</b>				<b>S9801</b>
Waste/Recycle Center, Warehouse and Shops Improvements (S9801)	295	0	0	0	52	55	56	58	516
<b>Waste/Recycle Center, Warehouse and Shops Improvements</b>	<b>295</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>52</b>	<b>55</b>	<b>56</b>	<b>58</b>	<b>516</b>
<b>Department Total*:</b>	<b>89,759</b>	<b>14,841</b>	<b>21,869</b>	<b>4,602</b>	<b>9,019</b>	<b>6,873</b>	<b>8,785</b>	<b>6,908</b>	<b>162,656</b>

\*Amounts in thousands of dollars

**2014 - 2019 Proposed Capital Improvement Program**

## Seattle Center

### Fund Summary

Fund Name & Code	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
2002B LTGO Capital Project Fund (34700)	5,388	0	0	0	0	0	0	0	5,388
2003 LTGO Capital Project Fund (34800)	7,875	0	0	0	0	0	0	0	7,875
2007 Multipurpose LTGO Bond Fund (35100)	5,266	0	0	0	0	0	0	0	5,266
2011 Multipurpose LTGO Bond Fund (35500)	3,572	463	0	0	0	0	0	0	4,035
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)	21,116	7,692	4,933	2,645	3,683	3,772	3,845	3,918	51,604
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)	23,265	4,086	1,543	1,426	1,501	1,472	1,255	1,255	35,803
KeyArena Settlement Proceeds Fund (00138)	2,759	501	0	0	0	0	0	0	3,260
McCaw Hall Capital Reserve (34070)	742	1,058	521	531	545	561	577	595	5,130
Private Resources (NA)	1,175	0	14,750	0	0	0	0	0	15,925
Seattle Center Capital Reserve Subfund (34060)	12,358	1,041	122	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	0	3,290	1,068	3,108	1,140	8,606
<b>Department Total*:</b>	<b>89,759</b>	<b>14,841</b>	<b>21,869</b>	<b>4,602</b>	<b>9,019</b>	<b>6,873</b>	<b>8,785</b>	<b>6,908</b>	<b>162,656</b>

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Center

## ADA Improvements

<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs	<b>BCL/Program Code:</b>	S03P01
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	S9302	<b>End Date:</b>	ONGOING
<b>Location:</b>	Seattle Center Campus		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

This ongoing project makes the Seattle Center campus more accessible to people with disabilities. Improvements may include, but are not limited to, assisted listening devices, automatic doors, ramps, signage, seating and other features that accommodate Seattle Center visitors.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	175	0	0	0	0	0	0	0	175
Real Estate Excise Tax I	445	2,090	1,099	0	0	0	0	0	3,634
Property Sales and Interest Earnings	241	0	0	0	0	0	0	0	241
To be determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	861	2,090	1,099	0	0	0	0	0	4,050
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	175	0	0	0	0	0	0	0	175
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	445	2,090	1,099	0	0	0	0	0	3,634
Cumulative Reserve Subfund - Unrestricted Subaccount	241	0	0	0	0	0	0	0	241
<b>Total*:</b>	861	2,090	1,099	0	0	0	0	0	4,050
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
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		772	1,611	806	0	0	0	0	3,189
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
To Be Determined		0	0	0	0	0	0	0	0
<b>Total:</b>		772	1,611	806	0	0	0	0	3,189

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**Armory Food Court Renovation**

<b>BCL/Program Name:</b>	Armory Rehabilitation	<b>BCL/Program Code:</b>	S9113
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	S1001	<b>End Date:</b>	Q4/2013
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project provides for renovation of the Seattle Center Armory atrium (formerly known as the Center House Food Court), including, but not limited to, renovation of the mechanical, electrical, plumbing and technology systems which serve the food court, opening up Center House to the outside, improvements to the stage and public open spaces, and improvements to food service spaces. This project enhances the experience of the public in Center House and supports revenue generation. City Funds leverage private investment to accomplish this project.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Private Funding/Donations	1,175	0	0	0	0	0	0	0	1,175
General Obligation Bonds	3,377	23	0	0	0	0	0	0	3,400
<b>Total:</b>	4,552	23	0	0	0	0	0	0	4,575
<b>Fund Appropriations/Allocations</b>									
Private Resources	1,175	0	0	0	0	0	0	0	1,175
2011 Multipurpose LTGO Bond Fund	3,377	23	0	0	0	0	0	0	3,400
<b>Total*:</b>	4,552	23	0	0	0	0	0	0	4,575

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**2014 - 2019 Proposed Capital Improvement Program**



**Armory Food Court Renovation - Debt Service**

<b>BCL/Program Name:</b>	Armory Rehabilitation	<b>BCL/Program Code:</b>	S9113
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	S1002	<b>End Date:</b>	Q4/2021
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	443	384	384	380	381	382	383	381	3,118
<b>Total:</b>	443	384	384	380	381	382	383	381	3,118
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	443	384	384	380	381	382	383	381	3,118
<b>Total*:</b>	443	384	384	380	381	382	383	381	3,118

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**2014 - 2019 Proposed Capital Improvement Program**

**Armory Rehabilitation**

<b>BCL/Program Name:</b>	Armory Rehabilitation	<b>BCL/Program Code:</b>	S9113
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	S9113	<b>End Date:</b>	ONGOING
<b>Location:</b>	305 Harrison St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

This ongoing project provides for major maintenance and improvements to the 275,000 square-foot Seattle Center Armory, formerly known as Center House, a 1939 structure that serves as the primary free indoor public gathering and programming space at Seattle Center. Work may include, but is not limited to, restroom and mechanical renovations, elevator renovation, fire-safety and seismic improvements, window replacement, signage improvements, wall and floor surface repairs, and improvements to the atrium.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	2,055	1,137	675	700	734	764	789	815	7,669
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
<b>Total:</b>	12,382	1,137	675	700	734	764	789	815	17,996
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,055	1,137	675	700	734	764	789	815	7,669
Cumulative Reserve Subfund - Unrestricted Subaccount	3,632	0	0	0	0	0	0	0	3,632
Seattle Center Redevelopment and Parks Community Center - 1991 Levy Fund (Closed)	2,462	0	0	0	0	0	0	0	2,462
2002B LTGO Capital Project Fund	1,233	0	0	0	0	0	0	0	1,233
<b>Total*:</b>	9,382	1,137	675	700	734	764	789	815	14,996
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	470	1,025	1,017	734	764	789	815	5,614
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
<b>Total:</b>	470	1,025	1,017	734	764	789	815	5,614

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Center

## Artwork Maintenance

<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs	<b>BCL/Program Code:</b>	S03P01
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	S9303	<b>End Date:</b>	ONGOING
<b>Location:</b>	Seattle Center Campus		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	31	0	0	0	0	0	0	0	31
Private Funding/Donations	5	0	0	0	0	0	0	0	5
Property Sales and Interest Earnings	363	101	30	30	30	30	30	30	644
To be determined	0	0	0	0	28	30	31	32	121
<b>Total:</b>	399	101	30	30	58	60	61	62	801
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	31	0	0	0	0	0	0	0	31
Cumulative Reserve Subfund - Unrestricted Subaccount	368	101	30	30	30	30	30	30	649
<b>Total*:</b>	399	101	30	30	30	30	30	30	680
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount		25	68	68	30	30	30	30	281
To Be Determined		0	0	0	28	30	31	32	121
<b>Total:</b>		25	68	68	58	60	61	62	402

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**Bagley Wright Theatre Maintenance Fund**

<b>BCL/Program Name:</b>	Bagley Wright Theatre Maintenance Fund	<b>BCL/Program Code:</b>	S9606
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1996
<b>Project ID:</b>	S9606	<b>End Date:</b>	Q4/2014
<b>Location:</b>	151 Mercer St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

This project provides for interior major maintenance needs at the Bagley Wright Theatre as stipulated in the use agreement between the Seattle Repertory Theatre (SRT) and Seattle Center. The agreement is structured to transfer financial responsibility for interior major maintenance of the facility from the City to the SRT after the year 2009. The City's maintenance fund primarily pays for the planned replacement of theatrical equipment, but may also pay for other capital needs, including, but not limited to, carpeting, seating, and mechanical improvements, as well as building and theatrical system assessments.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	1,455	18	0	0	0	0	0	0	1,473
<b>Total:</b>	1,455	18	0	0	0	0	0	0	1,473
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	1,455	18	0	0	0	0	0	0	1,473
<b>Total*:</b>	1,455	18	0	0	0	0	0	0	1,473
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		12	6	0	0	0	0	0	18
<b>Total:</b>		12	6	0	0	0	0	0	18

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Fisher Pavilion Asset Preservation**

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

This project provides for the development and partial implementation of an Asset Preservation Plan for Fisher Pavilion, a facility completed in 2002. The plan provides a long-term road map for future major maintenance investments in the facility.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	31	74	0	0	35	35	35	35	245
To be determined	0	0	0	0	234	245	253	261	993
<b>Total:</b>	31	74	0	0	269	280	288	296	1,238
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	31	74	0	0	35	35	35	35	245
<b>Total*:</b>	31	74	0	0	35	35	35	35	245
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		4	55	15	35	35	35	35	214
To Be Determined		0	0	0	234	245	253	261	993
<b>Total:</b>		4	55	15	269	280	288	296	1,207

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Fun Forest Site Restoration**

<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs	<b>BCL/Program Code:</b>	S03P01
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	S0901	<b>End Date:</b>	ONGOING
<b>Location:</b>	Seattle Center Campus		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	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.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Key Arena Settlement Subfund Revenue	787	127	0	0	0	0	0	0	914
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
Private Funding/Donations	0	1,000	0	0	0	0	0	0	1,000
<b>Total:</b>	787	1,127	0	0	0	0	0	0	1,914

<b>Fund Appropriations/Allocations</b>									
KeyArena Settlement Proceeds Fund	787	127	0	0	0	0	0	0	914
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount	0	1,000	0	0	0	0	0	0	1,000
<b>Total*:</b>	787	1,127	0	0	0	0	0	0	1,914

<b>O &amp; M Costs (Savings)</b>			0	50	50	50	50	50	250
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<b>Spending Plan by Fund</b>									
KeyArena Settlement Proceeds Fund		42	85	0	0	0	0	0	127
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount		0	1,000	0	0	0	0	0	1,000
<b>Total:</b>		42	1,085	0	0	0	0	0	1,127

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

## Seattle Center

### General Site Improvements

<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs	<b>BCL/Program Code:</b>	S03P01
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	S0305	<b>End Date:</b>	ONGOING
<b>Location:</b>	Seattle Center Campus		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

This ongoing project improves the safety, security, facility integrity, and visitor experience on the Seattle Center campus. Improvements may include, but are not limited to, installation of security bollards, lighting upgrades, sealing of building exteriors, and International Fountain renovation.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	680	140	290	100	110	116	120	124	1,680
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
To be determined	0	0	0	0	123	130	135	139	527
<b>Total:</b>	2,402	140	290	100	233	246	255	263	3,929
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	680	140	290	100	110	116	120	124	1,680
Cumulative Reserve Subfund - Unrestricted Subaccount	793	0	0	0	0	0	0	0	793
Seattle Center Capital Reserve Subfund	820	0	0	0	0	0	0	0	820
2002B LTGO Capital Project Fund	109	0	0	0	0	0	0	0	109
<b>Total*:</b>	2,402	140	290	100	110	116	120	124	3,402
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	126	264	140	110	116	120	124	1,000
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
To Be Determined	0	0	0	123	130	135	139	527
<b>Total:</b>	126	264	140	233	246	255	263	1,527

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**KeyArena Improvements & Repairs**

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

This ongoing project provides for major maintenance and improvements to KeyArena. Improvements may include, but are not limited to, lighting upgrades, replacement of the basketball floor and other event components, creation of special seating sections and partial house configurations to increase revenue, technology upgrades, 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Key Arena Settlement Subfund Revenue	1,972	374	0	0	0	0	0	0	2,346
Real Estate Excise Tax I	934	466	200	500	576	599	619	639	4,533
<b>Total:</b>	2,906	840	200	500	576	599	619	639	6,879
<b>Fund Appropriations/Allocations</b>									
KeyArena Settlement Proceeds Fund	1,972	374	0	0	0	0	0	0	2,346
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	934	466	200	500	576	599	619	639	4,533
<b>Total*:</b>	2,906	840	200	500	576	599	619	639	6,879
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
KeyArena Settlement Proceeds Fund		179	195	0	0	0	0	0	374
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		29	500	637	576	599	619	639	3,599
<b>Total:</b>		208	695	637	576	599	619	639	3,973

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

# Seattle Center

## Lot 2 Development

<b>BCL/Program Name:</b>	Lot 2 Development Project	<b>BCL/Program Code:</b>	S0501
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q4/2004
<b>Project ID:</b>	S0501	<b>End Date:</b>	Q4/2016
<b>Location:</b>	5th Ave N/Republican St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

This project provides for activities related to the sale of Seattle Center Parking Lot 2 to the Bill & Melinda Gates Foundation. The property sale closed in November 2006, but sale-related activities will continue for a number of years. Activities include, but are not limited to, relocation of facilities, groundwater remediation, construction oversight, and development of a replacement skateboard park.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	800	0	0	0	0	0	0	0	800
Private Funding/Donations	0	0	102	0	0	0	0	0	102
Property Sales and Interest Earnings-2	5,015	785	0	0	0	0	0	0	5,800
<b>Total:</b>	5,815	785	102	0	0	0	0	0	6,702
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	800	0	0	0	0	0	0	0	800
Seattle Center Capital Reserve Subfund	5,015	785	102	0	0	0	0	0	5,902
<b>Total*:</b>	5,815	785	102	0	0	0	0	0	6,702
<b>O &amp; M Costs (Savings)</b>			20	20	20	20	20	20	120
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund		75	187	300	325	0	0	0	887
<b>Total:</b>		75	187	300	325	0	0	0	887

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### 2014 - 2019 Proposed Capital Improvement Program

**McCaw Hall Asset Preservation**

<b>BCL/Program Name:</b>	McCaw Hall Capital Reserve Fund	<b>BCL/Program Code:</b>	S0303
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	S0303	<b>End Date:</b>	ONGOING
<b>Location:</b>	321 Mercer St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	300	0	0	0	0	0	0	0	300
Energy Rebates	3	0	0	0	0	0	0	0	3
Real Estate Excise Tax I	321	529	250	258	265	273	281	290	2,467
Private Funding/Donations	403	529	250	258	265	273	281	290	2,549
Property Sales and Interest Earnings-2	15	0	21	15	15	15	15	15	111
To be determined	0	0	0	0	1,817	0	2,003	0	3,820
<b>Total:</b>	1,042	1,058	521	531	2,362	561	2,580	595	9,250
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	300	0	0	0	0	0	0	0	300
McCaw Hall Capital Reserve	742	1,058	521	531	545	561	577	595	5,130
<b>Total*:</b>	1,042	1,058	521	531	545	561	577	595	5,430
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
McCaw Hall Capital Reserve		1,058	521	531	545	310	828	366	4,159
To Be Determined		0	0	0	1,817	0	2,003	0	3,820
<b>Total:</b>		1,058	521	531	2,362	310	2,831	366	7,979

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**2014 - 2019 Proposed Capital Improvement Program**

# Seattle Center

## Monorail Improvements

<b>BCL/Program Name:</b>	Monorail Improvements	<b>BCL/Program Code:</b>	S9403
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	S9403	<b>End Date:</b>	ONGOING
<b>Location:</b>	Seattle Center Monorail System		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

This project provides for the renovation of the Seattle Center Monorail, including the two trains, the two stations and the guideways that run in between. The City operates the Monorail through its contractor, Seattle Monorail Services. Monorail improvements may include, but are not limited to, door replacement, renovation of pneumatic and electrical systems and other train components, guideway renovation, and station upgrades.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Federal Grant Funds	5,282	1,667	721	605	664	634	900	900	11,373
Private Funding/Donations	0	0	0	0	0	0	0	0	0
Property Sales and Interest Earnings-2	1,284	453	154	151	166	159	225	225	2,817
Federal ARRA Funds: FTA Transit Capital Assistance	1,000	0	0	0	0	0	0	0	1,000
General Obligation Bonds	475	0	0	0	0	0	0	0	475
General Obligation Bonds	4,713	0	0	0	0	0	0	0	4,713
<b>Total:</b>	12,754	2,120	875	756	830	793	1,125	1,125	20,378
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	7,566	2,120	875	756	830	793	1,125	1,125	15,190
2003 LTGO Capital Project Fund	475	0	0	0	0	0	0	0	475
2007 Multipurpose LTGO Bond Fund	4,713	0	0	0	0	0	0	0	4,713
<b>Total*:</b>	12,754	2,120	875	756	830	793	1,125	1,125	20,378
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		559	875	1,610	1,537	793	1,125	1,125	7,624
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
<b>Total:</b>		559	875	1,610	1,537	793	1,125	1,125	7,624

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Center

### Monorail Improvements Debt Service

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

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Federal Grant Funds	970	300	300	300	300	300	0	0	2,470
Property Sales and Interest Earnings-2	1,319	251	248	250	251	249	0	0	2,568
General Obligation Bonds	553	0	0	0	0	0	0	0	553
<b>Total:</b>	2,842	551	548	550	551	549	0	0	5,591
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	2,289	551	548	550	551	549	0	0	5,038
2007 Multipurpose LTGO Bond Fund	553	0	0	0	0	0	0	0	553
<b>Total*:</b>	2,842	551	548	550	551	549	0	0	5,591
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		549	548	550	551	551	0	0	2,749
2007 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		549	548	550	551	551	0	0	2,749

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### 2014 - 2019 Proposed Capital Improvement Program

**Municipal Energy Efficiency Program**

<b>BCL/Program Name:</b>	Utility Infrastructure	<b>BCL/Program Code:</b>	S03P03
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	S1003	<b>End Date:</b>	ONGOING
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Obligation Bonds	195	440	0	0	0	0	0	0	635
<b>Total:</b>	195	440	0	0	0	0	0	0	635
<b>Fund Appropriations/Allocations</b>									
2011 Multipurpose LTGO Bond Fund	195	440	0	0	0	0	0	0	635
<b>Total*:</b>	195	440	0	0	0	0	0	0	635
<b>O &amp; M Costs (Savings)</b>			(35)	(35)	(35)	(35)	(35)	(35)	(210)
<b>Spending Plan by Fund</b>									
2011 Multipurpose LTGO Bond Fund		193	247	0	0	0	0	0	440
<b>Total:</b>		193	247	0	0	0	0	0	440

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**2014 - 2019 Proposed Capital Improvement Program**

**Northwest Rooms Redevelopment**

<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs	<b>BCL/Program Code:</b>	S03P01
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	
<b>Project ID:</b>	S1401	<b>End Date:</b>	
<b>Location:</b>	354 1st AVE N		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

This project provides for 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. City funding also provides, as part of a public private partnership, for the development of an Innovation Lab in the former Northwest Rooms which would train high school students in digital media technologies, with the goal of connecting students' passions with career opportunities.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	1,000	0	0	0	0	0	1,000
Private Funding/Donations	0	0	14,750	0	0	0	0	0	14,750
<b>Total:</b>	0	0	15,750	0	0	0	0	0	15,750

<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	1,000	0	0	0	0	0	1,000
Private Resources	0	0	14,750	0	0	0	0	0	14,750
<b>Total*:</b>	0	0	15,750	0	0	0	0	0	15,750

<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	1,000	0	0	0	0	0	1,000
Private Resources		0	10,000	4,750	0	0	0	0	14,750
<b>Total:</b>		0	11,000	4,750	0	0	0	0	15,750

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**2014 - 2019 Proposed Capital Improvement Program**



## Seattle Center

### Open Space Restoration and Repair

<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs	<b>BCL/Program Code:</b>	S03P01
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	S9704	<b>End Date:</b>	ONGOING
<b>Location:</b>	Seattle Center Campus		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

This ongoing project provides for the renovation, repair and the planning for the future renovation of open spaces, green spaces, hard surfaces, and fountains throughout the 74-acre Seattle Center campus. Typical improvements may include, but are not limited to, International Fountain mechanical and hard surface renovation, pedestrian and landscape improvements, hard surface repairs in heavily-trafficked areas, and tree replacement.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	2,729	423	530	450	450	450	450	450	5,932
Private Funding/Donations	25	0	0	0	0	0	0	0	25
Property Sales and Interest Earnings-2	1,977	0	0	0	0	0	0	0	1,977
Property Sales and Interest Earnings-2	1,215	0	0	0	0	0	0	0	1,215
General Obligation Bonds	1,175	0	0	0	0	0	0	0	1,175
<b>Total:</b>	7,121	423	530	450	450	450	450	450	10,324
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,729	423	530	450	450	450	450	450	5,932
Cumulative Reserve Subfund - Unrestricted Subaccount	2,002	0	0	0	0	0	0	0	2,002
Seattle Center Capital Reserve Subfund	1,215	0	0	0	0	0	0	0	1,215
2002B LTGO Capital Project Fund	1,175	0	0	0	0	0	0	0	1,175
<b>Total*:</b>	7,121	423	530	450	450	450	450	450	10,324
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	99	854	450	450	450	450	450	3,203
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
<b>Total:</b>	99	854	450	450	450	450	450	3,203

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Center

### Parking Repairs and Improvements

<b>BCL/Program Name:</b>	Parking Repairs and Improvements	<b>BCL/Program Code:</b>	S0301
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	S0301	<b>End Date:</b>	ONGOING
<b>Location:</b>	Seattle Center Campus		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

This ongoing project provides for the repair and improvement of Seattle Center's parking facilities. Typical improvements may include, but are not limited to, concrete repairs, garage resealing, installation of emergency phones, and installation of access and revenue control systems.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	269	561	0	0	250	250	250	250	1,830
Property Sales and Interest Earnings-2	160	0	0	0	0	0	0	0	160
Property Sales and Interest Earnings-2	780	20	0	0	0	0	0	0	800
To be determined	0	0	0	0	250	0	0	0	250
<b>Total:</b>	1,209	581	0	0	500	250	250	250	3,040

#### **Fund Appropriations/Allocations**

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	269	561	0	0	250	250	250	250	1,830
Cumulative Reserve Subfund - Unrestricted Subaccount	160	0	0	0	0	0	0	0	160
Seattle Center Capital Reserve Subfund	780	20	0	0	0	0	0	0	800
<b>Total*:</b>	1,209	581	0	0	250	250	250	250	2,790

**O & M Costs (Savings)** 0    0    0    0    0    0    0    0    0

#### **Spending Plan by Fund**

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	95	466	0	250	250	250	250	1,561
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	0	0	0	0	0	0
Seattle Center Capital Reserve Subfund	2	18	0	0	0	0	0	20
To Be Determined	0	0	0	250	0	0	0	250
<b>Total:</b>	97	484	0	500	250	250	250	1,831

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### **2014 - 2019 Proposed Capital Improvement Program**

## Seattle Center

### Preliminary Engineering and Planning

<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs	<b>BCL/Program Code:</b>	S03P01
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	S9706	<b>End Date:</b>	ONGOING
<b>Location:</b>	Seattle Center Campus		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

This ongoing project provides for the development of scopes of work, concept plans, design alternatives, and cost estimates for Seattle Center capital projects. Typical planning work includes, but is not limited to, pre-design and analysis of project alternatives, planning for property sales, and conceptual design and financial analysis of capital improvement options in conjunction with development of, and revisions to, the Seattle Center Century 21 Master Plan.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	543	182	75	100	100	100	100	100	1,300
Property Sales and Interest Earnings-2	438	118	0	0	0	0	0	0	556
To be determined	0	0	0	0	0	0	0	0	0
<b>Total:</b>	981	300	75	100	100	100	100	100	1,856
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	543	182	75	100	100	100	100	100	1,300
Cumulative Reserve Subfund - Unrestricted Subaccount	438	118	0	0	0	0	0	0	556
<b>Total*:</b>	981	300	75	100	100	100	100	100	1,856
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		102	115	140	100	100	100	100	757
Cumulative Reserve Subfund - Unrestricted Subaccount		32	86	0	0	0	0	0	118
To Be Determined		0	0	0	0	0	0	0	0
<b>Total:</b>		134	201	140	100	100	100	100	875

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Center

### Public Gathering Space Improvements

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

This ongoing project provides for major maintenance and improvements to meeting rooms, exhibition spaces, and public gathering spaces at Seattle Center. Typical improvements may include, but are not limited to, carpet replacement, floor surface and ceiling repairs, sound and lighting improvements, technology upgrades, and replacement of event equipment.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	503	1,000	0	0	0	0	0	0	1,503
Private Funding/Donations	60	0	0	0	0	0	0	0	60
Property Sales and Interest Earnings-2	1,077	104	90	90	90	100	100	100	1,751
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
To be determined	0	0	0	0	229	238	246	254	967
<b>Total:</b>	3,060	1,104	90	90	319	338	346	354	5,701
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	503	1,000	0	0	0	0	0	0	1,503
Cumulative Reserve Subfund - Unrestricted Subaccount	1,137	104	90	90	90	100	100	100	1,811
Seattle Center Capital Reserve Subfund	1,280	0	0	0	0	0	0	0	1,280
2002B LTGO Capital Project Fund	140	0	0	0	0	0	0	0	140
<b>Total*:</b>	3,060	1,104	90	90	90	100	100	100	4,734
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	825	175	0	0	0	0	0	1,000
Cumulative Reserve Subfund - Unrestricted Subaccount	85	109	90	90	100	100	100	674
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
To Be Determined	0	0	0	229	238	246	254	967
<b>Total:</b>	910	284	90	319	338	346	354	2,641

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Center

### Roof/Structural Replacement and Repair

<b>BCL/Program Name:</b>	Facility Infrastructure Renovation and Repair	<b>BCL/Program Code:</b>	S03P02
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	S9701	<b>End Date:</b>	ONGOING
<b>Location:</b>	Seattle Center Campus		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	704	0	0	0	210	218	225	233	1,590
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
To be determined	0	0	0	0	200	0	0	0	200
<b>Total:</b>	8,638	0	0	0	410	218	225	233	9,724
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	704	0	0	0	210	218	225	233	1,590
Cumulative Reserve Subfund - Unrestricted Subaccount	1,154	0	0	0	0	0	0	0	1,154
2002B LTGO Capital Project Fund	450	0	0	0	0	0	0	0	450
2003 LTGO Capital Project Fund	6,330	0	0	0	0	0	0	0	6,330
<b>Total*:</b>	8,638	0	0	0	210	218	225	233	9,524
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Center

### Roof/Structural Replacement and Repair - Debt Service

<b>BCL/Program Name:</b>	Facility Infrastructure Renovation and Repair	<b>BCL/Program Code:</b>	S03P02
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	S0304	<b>End Date:</b>	Q3/2013
<b>Location:</b>	Seattle Center Campus		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

This project funds debt service on 10-year LTGO bonds issued in 2003 to fund roof replacement and seismic and structural rehabilitation work on the Seattle Center Campus. LTGO bonds are one funding source for the work described in the Department's Roof/Structural Replacement and Repair CIP project (S9701).

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	6,315	780	0	0	0	0	0	0	7,095
General Obligation Bonds	832	0	0	0	0	0	0	0	832
<b>Total:</b>	7,147	780	0	0	0	0	0	0	7,927
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	6,315	780	0	0	0	0	0	0	7,095
2003 LTGO Capital Project Fund	832	0	0	0	0	0	0	0	832
<b>Total*:</b>	7,147	780	0	0	0	0	0	0	7,927
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



**Seattle Center Long Range Investment Plan**

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

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	270	0	0	0	0	0	270
Property Sales and Interest Earnings-2	1,359	225	20	0	0	0	0	0	1,604
<b>Total:</b>	1,359	225	290	0	0	0	0	0	1,874
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	270	0	0	0	0	0	270
Seattle Center Capital Reserve Subfund	1,359	225	20	0	0	0	0	0	1,604
<b>Total*:</b>	1,359	225	290	0	0	0	0	0	1,874
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	270	0	0	0	0	0	270
Seattle Center Capital Reserve Subfund		120	125	0	0	0	0	0	245
<b>Total:</b>		120	395	0	0	0	0	0	515

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**2014 - 2019 Proposed Capital Improvement Program**

# Seattle Center

## Site Signage

<b>BCL/Program Name:</b>	Campuswide Improvements and Repairs	<b>BCL/Program Code:</b>	S03P01
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	S9118	<b>End Date:</b>	ONGOING
<b>Location:</b>	Seattle Center Campus		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	91	50	0	0	100	100	100	100	541
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	1,889	11	0	0	0	0	0	0	1,900
<b>Total:</b>	3,071	61	0	0	100	100	100	100	3,532
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	91	50	0	0	100	100	100	100	541
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	1,889	11	0	0	0	0	0	0	1,900
<b>Total*:</b>	3,071	61	0	0	100	100	100	100	3,532
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Center

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	20	30	0	100	100	100	100	450
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
Seattle Center Capital Reserve Subfund	11	0	0	0	0	0	0	11
<b>Total:</b>	31	30	0	100	100	100	100	461

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Center

### Theatre Improvements and Repairs

<b>BCL/Program Name:</b>	Theatre Improvements and Repairs	<b>BCL/Program Code:</b>	S9604
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	S9604	<b>End Date:</b>	ONGOING
<b>Location:</b>	Seattle Center Campus		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Uptown

This ongoing project funds improvements to the various theater spaces and facilities on the Seattle Center campus. Typical improvements may include, but are not limited to, fire safety, mechanical, structural, sound, staging, dressing room and lobby improvements.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	963	130	0	0	250	250	250	250	2,093
Property Sales and Interest Earnings-2	1,545	74	0	0	0	0	0	0	1,619
General Obligation Bonds	1,130	0	0	0	0	0	0	0	1,130
To be determined	0	0	0	0	409	425	440	454	1,728
<b>Total:</b>	3,638	204	0	0	659	675	690	704	6,570
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	963	130	0	0	250	250	250	250	2,093
Cumulative Reserve Subfund - Unrestricted Subaccount	1,545	74	0	0	0	0	0	0	1,619
2002B LTGO Capital Project Fund	1,130	0	0	0	0	0	0	0	1,130
<b>Total*:</b>	3,638	204	0	0	250	250	250	250	4,842
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		50	80	0	250	250	250	250	1,130
Cumulative Reserve Subfund - Unrestricted Subaccount		4	70	0	0	0	0	0	74
2002B LTGO Capital Project Fund		0	0	0	0	0	0	0	0
To Be Determined		0	0	0	409	425	440	454	1,728
<b>Total:</b>		54	150	0	659	675	690	704	2,932

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### 2014 - 2019 Proposed Capital Improvement Program

**Utility Infrastructure Master Plan & Repairs**

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

This ongoing project funds the repair and renovation of utility infrastructure at Seattle Center. Utility infrastructure includes chilled water and steam lines, electrical equipment, communication lines, 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	2,985	275	410	415	435	453	468	483	5,924
General Obligation Bonds	1,151	0	0	0	0	0	0	0	1,151
General Obligation Bonds	238	0	0	0	0	0	0	0	238
<b>Total:</b>	4,374	275	410	415	435	453	468	483	7,313
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,985	275	410	415	435	453	468	483	5,924
2002B LTGO Capital Project Fund	1,151	0	0	0	0	0	0	0	1,151
2003 LTGO Capital Project Fund	238	0	0	0	0	0	0	0	238
<b>Total*:</b>	4,374	275	410	415	435	453	468	483	7,313
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		250	425	425	435	453	468	483	2,939
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
<b>Total:</b>		250	425	425	435	453	468	483	2,939

\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.

**2014 - 2019 Proposed Capital Improvement Program**

## Seattle Center

### Waste/Recycle Center, Warehouse and Shops Improvements

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

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	295	0	0	0	52	55	56	58	516
<b>Total:</b>	295	0	0	0	52	55	56	58	516
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	295	0	0	0	52	55	56	58	516
<b>Total*:</b>	295	0	0	0	52	55	56	58	516
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# **Seattle Public Library**





## Overview

The Seattle Public Library's facilities include 26 branch libraries, the Central Library, a storage facility and leased shops space. In 2008, the Library completed the final building projects of the system wide "Libraries for All" (LFA) capital program. 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 historic landmarks, including 7 Carnegie-era libraries (built in the early 1900s) and three landmark modern buildings.
2. Branch libraries that 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 that are essentially storefronts, four of which are part of larger buildings.
4. The Central Library, a 12-story 363,000 square foot building which 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 412 public computers, a data center housing system-wide servers, and the Central Library collection of books and materials.

Prior to development of a special levy intended to address a series of budget reductions and provide sustainable operating support for the Library, the Library's ongoing major maintenance program had steadily decreased in size and scope. Largely put on hold during the ten-year LFA capital renewal program, the Library reinstated the major maintenance program in 2007 when the majority of the new or refurbished libraries had reopened.

## 2014-2019 CIP

In 2012, voters approved a seven year Library Levy. One of the core areas of the levy is major maintenance. The 2014 Proposed CIP includes \$3.8 million for major maintenance (\$3 million from the Library Levy and \$780,000 of REET). The 2014-2019 Proposed CIP provides a base level of support for asset management in this critical period when all the library buildings pass the ten year mark from their LFA construction/renovation. Additionally, the \$3.8 million major maintenance program includes a \$500,000 Library initiative called Reimagining Spaces which restructures library spaces to address changes in how patrons use the library. This initiative will help the Library tailor services to neighborhood needs and adapt to transformations in how people access and use information. In 2014, Reimagining Spaces includes redeveloping the children's area and teen space at Rainier Beach, as well as reconfiguring reference/circulation desk areas at Central, Green Lake or West Seattle. The \$780,000 REET allocation also includes \$280,000 for safety and functional upgrades to Library escalators and elevators. The 2014 Proposed CIP also provides \$602,000 in REET funding for ADA access improvements for a total CIP budget of \$4.4 million.

## 2014-2019 Proposed Capital Improvement Plan

## 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 2014 Proposed CIP major maintenance budget of \$3.8 million matches the projection of need calculated in that plan, as do the amounts indicated for 2015-2019. The Library is grateful for the opportunity to avoid deferred maintenance, keeping these community hubs in excellent condition.

Library buildings are the most intensively used city facilities in Seattle. The Central Library hosts approximately 2 million visitors annually, and library branches see another 5 million visitors. Even the quietest branch has more than 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.

## Thematic Priorities

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

### Asset Preservation

The overriding priority of the Library's capital program is extending the useful life of the 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. Over \$3 million of the Library's 2014 CIP can be wholly or partially classified as asset preservation work, including a package of improvements at the Columbia, Delridge and Green Lake branches. Green Lake and Columbia are century-old structures that were remodeled in 2004 during the extensive Libraries for All (LFA) bond initiative, while Delridge was newly-constructed in 2002 under LFA. As buildings reach and surpass the ten-year mark, they generally require attention to flooring, casework, finishes and restroom fixtures. Both Columbia and Green Lake will also receive fire alarm system maintenance, and Green Lake's exterior doors will be replaced. The Columbia branch is due for substantial roof, skylight and window renovation as well as exterior hardscaping improvements. Additional branch asset preservation work addresses doors, windows and parking lot maintenance. At the Central Library, projects include assessment and maintenance of both the atrium skylight and the exterior curtain wall (glass, framing, seals and anchor tethers); an upgrade of the uninterruptible power supply in the data center; and major maintenance/upgrade of the Central garage

door. Additional asset preservation work will address finishes, casework and minor restroom refurbishment.

### Library Operational Efficiency, Environmental Sustainability and Public Service Improvements

The Library delivers direct services to the public, 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, the Library expects to spend \$500,000 in 2014 reconfiguring the children's area and teen space at Rainier Beach, as well as reconfiguring reference/circulation desk areas at Central, Green Lake or West Seattle (contingent upon how scheduling aligns with other CIP projects at those branches). To enhance both environmental sustainability and patrons' experience, approximately \$204,000 is budgeted for hardscape/landscape/lighting improvements at several locations, including Rainier Beach, Lake City, Columbia and Central. The Library has allocated about \$476,000 in 2014 to efficiency and sustainability improvements at the Central Library, focused on the next phase of mechanical, engineering, plumbing and control system improvements to bolster fire safety and building efficiency.

### 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. ADA access improvements are one aspect of safety considerations. Roughly \$489,000 (of the \$602,150 allocation for the 2014 ADA Improvements Project) will be spent at the West Seattle branch to improve access to the library from the street and parking lot, as well as restroom accessibility upgrades. The balance of the 2014 ADA budget will be allocated to various branches for a variety of building access improvements.

For non-ADA-related safety/security projects (outside of the ADA Projects BCL), the Library has budgeted about \$389,000 for projects at the Northeast, Delridge, Green Lake, West Seattle branches and the Central Library. In addition, the Library will use a portion of its 2014 REET allocation for vertical transportation improvements, including the addition of escalator brushes and yellow edge striping of escalator steps at the Central Library.

## **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 improve the

functional use of library space. Such 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 of the 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. Having the flexibility to respond to emerging building issues is crucial.

### **Aligning Infrastructure with Planned Growth**

The Library's facilities bring crucial services and provide a civic/cultural hub to 27 neighborhoods throughout the city. No new library facilities are currently planned.

The Library's shops, storage and materials handling are currently spread across two facilities and a leased space. The Library operates its automated materials handling (processing and sorting of returned collection items to fill holds and return items to their "home" location) out of the Central Library. Although the Library's current processing facility has almost reached its growth limit, a needs assessment is particularly critical as the nature of Library materials (paper versus electronic) is undergoing a sea change, while public use of Library facilities for a range of services is high. The Library anticipates conducting a needs assessment in the next few years, which might lead to a proposal for a multi-use facility that can support operations such as shops, storage, or materials processing during the six-year time horizon of the CIP.

As mentioned above, the Library is 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 individual neighborhoods and communities, while maintaining the Seattle Public Library brand.

The 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 accumulation and effects of deferred maintenance, wear and tear. However, levy funding is insufficient to fund the substantial costs associated with programmatically driven or reimagining projects, building additions and renovations, or replacement of major building systems at Central or the Library's larger branches. It is possible that large life-cycle projects may need to be addressed as the Central Library surpasses its fifteenth year of operation. The levy legislation states it is "the intent of the City Council and Mayor to continue to provide General Fund and REET support to the Library at 2012 service levels, adjusted proportionately based on increases or decreases to such support for comparable City departments." This additional 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.

## **Seattle Public Library**

Ultimately, 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, increased REET support, or some other mechanism.

# The Seattle Public Library

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>ADA Improvements - Library</b>					<b>BCL/Program Code:</b>				<b>B301112</b>
ADA Improvements - Library (B301112)	247	187	602	0	0	0	0	0	1,036
<b>ADA Improvements - Library</b>	247	187	602	0	0	0	0	0	1,036
<b>Library Major Maintenance</b>					<b>BCL/Program Code:</b>				<b>B301111</b>
Ballard Noise Mitigation Project (B5PBAL)	0	143	0	0	0	0	0	0	143
Library Major Maintenance (B301111)	3,097	3,631	3,836	3,895	4,131	3,795	4,130	3,019	29,534
<b>Library Major Maintenance</b>	3,097	3,774	3,836	3,895	4,131	3,795	4,130	3,019	29,677
<b>Department Total*:</b>	3,344	3,961	4,438	3,895	4,131	3,795	4,130	3,019	30,713

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

# The Seattle Public Library

## Fund Summary

Fund Name & Code	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
2012 Library Levy Fund (18100)	0	2,748	3,056	3,395	3,580	3,216	3,522	2,381	21,898
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	2,990	984	1,382	500	551	579	608	638	8,232
General Subfund (00100)	354	86	0	0	0	0	0	0	440
Library Capital Subfund (10450)	0	143	0	0	0	0	0	0	143
<b>Department Total*:</b>	<b>3,344</b>	<b>3,961</b>	<b>4,438</b>	<b>3,895</b>	<b>4,131</b>	<b>3,795</b>	<b>4,130</b>	<b>3,019</b>	<b>30,713</b>

*\*Amounts in thousands of dollars*

**2014 - 2019 Proposed Capital Improvement Program**

# The Seattle Public Library

## ADA Improvements - Library

<b>BCL/Program Name:</b>	ADA Improvements - Library	<b>BCL/Program Code:</b>	B301112
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q3/2011
<b>Project ID:</b>	B301112	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various Locations		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project represents ADA improvements for the Seattle Public Library, and includes work on accessible paths and adjustments to casework, restroom fixtures, and railings.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax I	247	187	602	0	0	0	0	0	1,036
<b>Total:</b>	247	187	602	0	0	0	0	0	1,036
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	247	187	602	0	0	0	0	0	1,036
<b>Total*:</b>	247	187	602	0	0	0	0	0	1,036

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# The Seattle Public Library

## Ballard Noise Mitigation Project

<b>BCL/Program Name:</b>	Library Major Maintenance	<b>BCL/Program Code:</b>	B301111
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2013
<b>Project ID:</b>	B5PBAL	<b>End Date:</b>	Q4/2013
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project makes repairs necessary for noise mitigation to the HVAC system on the Ballard Branch Library parapet.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings	0	143	0	0	0	0	0	0	143
<b>Total:</b>	0	143	0	0	0	0	0	0	143
<b>Fund Appropriations/Allocations</b>									
Library Capital Subfund	0	143	0	0	0	0	0	0	143
<b>Total*:</b>	0	143	0	0	0	0	0	0	143

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# The Seattle Public Library

## Library Major Maintenance

<b>BCL/Program Name:</b>	Library Major Maintenance	<b>BCL/Program Code:</b>	B301111
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	B301111	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Subfund Revenues	354	86	0	0	0	0	0	0	440
Real Estate Excise Tax I	2,743	797	780	500	551	579	608	638	7,196
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	0	2,748	3,056	3,395	3,580	3,216	3,522	2,381	21,898
<b>Total:</b>	3,097	3,631	3,836	3,895	4,131	3,795	4,130	3,019	29,534

### Fund Appropriations/Allocations

General Subfund	354	86	0	0	0	0	0	0	440
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	2,743	797	780	500	551	579	608	638	7,196
Library Capital Subfund	0	0	0	0	0	0	0	0	0
2012 Library Levy Fund	0	2,748	3,056	3,395	3,580	3,216	3,522	2,381	21,898
<b>Total*:</b>	3,097	3,631	3,836	3,895	4,131	3,795	4,130	3,019	29,534

**O & M Costs (Savings)** 0    0    0    0    0    0    0    0    0

### Spending Plan by Fund

General Subfund	86	0	0	0	0	0	0	0	86
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	517	500	500	551	579	608	638	638	3,893
Library Capital Subfund	0	0	0	0	0	0	0	0	0
2012 Library Levy Fund	2,748	3,056	3,395	3,580	3,216	3,522	2,381	2,381	21,898
<b>Total:</b>	3,351	3,556	3,895	4,131	3,795	4,130	3,019	3,019	25,877

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## 2014 - 2019 Proposed Capital Improvement Program

## 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 \$13 billion. Major system assets include:

- 1,540 lane-miles of arterial streets,
- 2,412 lane-miles of nonarterial streets,
- 135 bridges,
- 494 stairways,
- 587 retaining walls,
- 22 miles of seawalls,
- 1,060 signalized intersections,
- 47 miles of bike trails,
- more than 200 miles of on-street bicycle facilities,
- 35,000 street trees,
- 2,150 pay stations,
- 40 parking meters, and
- 26,200 curb ramps.

The 2014 Proposed Budget and 2014-2019 Proposed CIP for SDOT invests in critical transportation infrastructure needs and includes planned spending of \$1.6 billion during 2014-2019. Key work includes implementation of the Transit Master Plan, multi-modal corridor development, implementation of the Pedestrian and Bike Master Plans, school safety improvements, Intelligent Transportation Systems (ITS) investments, support for the Alaskan Way Viaduct and Seawall Replacement Program, enhanced paving and street repair, pay station replacement, and 23<sup>rd</sup> Avenue Corridor improvements; details are provided below.

***Transit Master Plan Implementation:*** The 2014 Proposed Budget makes significant investments to begin implementation of the 2012 [Transit Master Plan](#), with an emphasis on developing high-capacity transit options. The Proposed CIP includes a \$1.2 million investment to develop a conceptual design of high-capacity transit options in the Eastlake corridor, and \$1.5 million to develop conceptual design options for bus rapid transit on the Madison corridor. The Proposed CIP also includes \$2.5 million for

### 2014-2019 Capital Improvement Program

the Center City Streetcar Connector, \$2.8 million for 3<sup>rd</sup> Avenue Corridor improvements project, \$700,000 for Ballard to Downtown High Capacity Transit, and \$1,775,000 for the Broadway Streetcar Extension. These investments are in addition to \$3.1 million for the Transit Corridor Improvements project.

**Multi-Modal Corridor Development:** SDOT has been challenged in recent years to adequately fund a comprehensive plan for corridor development in advance of what are often initially identified as single-mode capital improvement projects. With the adoption of citywide pedestrian, bicycle, and transit master plans, and the forthcoming freight master plan, there are many corridors in the city that have been identified for multiple uses (priority transit corridors, Major Truck Streets, high priority pedestrian corridors, bicycle facilities, etc.). To properly integrate plan recommendations and to resolve potential conflicts, a programmatic effort is necessary to develop these corridors in a proactive and purposeful manner. The multi-modal corridor development program will provide preliminary planning, design, project scoping, cost estimating, and traffic studies for multi-modal corridors. The work will include a complete streets assessment and incorporation of green stormwater infrastructure. The 2014 Proposed CIP includes \$776,000 of Bridging the Gap Commercial Parking Tax support for multimodal corridor development. In 2014, SDOT will evaluate the Beacon Avenue, Lake City Way, Greenwood Avenue and East Marginal Way corridors. These corridors align with existing efforts, such as transit program improvements and corridor planning, and needs. Candidate corridors for 2015 are Delridge Way, Yesler Way, 1<sup>st</sup> Avenue, and Aurora Avenue.

**Pedestrian and Bike Master Plan Investments:** The 2014 Proposed CIP includes several projects that promote the Mayor's Walk Bike Ride initiative, making walking, biking, and riding transit the easiest ways to get around in Seattle. Over the six-year period, the CIP includes \$34.5 million for implementation of the Bicycle Master Plan and \$46.2 million for implementation of the Pedestrian Master Plan.

The 2014 Proposed CIP includes \$8 million of additive REET funding for the Pedestrian Master Plan during 2014 and 2015; these funds will support the following items:

- Approximately 10 blocks of new sidewalks (\$2.5 million in 2014 and \$1.5 million in 2015);
- Approximately 25,000 square feet of sidewalk repair (\$500,000 annually in 2014 and 2015);
- Approximately 200 ramps to comply with the Americans with Disabilities Act (ADA) (\$500,000 in 2014 and \$1.5 million in 2015); and
- Pedestrian and bicycle improvements in the Northgate light rail station area (\$500,000 annually in 2014 and 2015).

New funding is also included for stairway rehabilitation (\$200,000 Levy Lid Lift annually during 2014 and 2015) and a new pedestrian crossing near the Montlake light rail station (\$150,000 REET during 2014).

**School Safety Improvements:** Beginning in 2014, a new School Zone Fixed Automated Cameras Fund (SZFAC), administered by SDOT, will pay for costs associated with school safety infrastructure project design and construction, school zone camera installation and operation, school zone warning beacon maintenance, and school safety program administration. SDOT will use \$6.6 million of SZFAC funds for capital improvements such as sidewalk, curb bulb, crosswalk, and sidewalk ramp installation and repair at various school sites citywide, as well as camera installation at six additional schools.

**Next Generation Intelligent Transportation Systems (ITS)/Access Seattle:** The next several years will be a period of intense construction activity in downtown Seattle due to the viaduct replacement, seawall replacement, and waterfront improvement projects. To address these challenges and upgrade aging systems, the 2014 Proposed CIP includes \$2.5 million for new and existing Intelligent Transportation

Systems (ITS). ITS utilizes electronic and communication technologies, such as sensors, cameras, and electronic signs, to increase efficiency and safety for all transportation modes. SDOT will install new sensors and cameras to assess traffic flow on north/south streets in the Central Business District, including Alaskan Way, 1<sup>st</sup>, 2<sup>nd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> Avenues; and on key east/west streets, including James, Spring, University, Howell, and Marion Streets, and Olive Way. Other capital project components include four dynamic message signs, replacing the failing video wall and cameras in the City's Traffic Management Center, and enhancing SDOT's online [traveler information map](#).

***Seattle Waterfront Capital Projects:*** In SDOT's 2014-2019 Proposed CIP, the waterfront projects are divided into three distinct projects: Alaskan Way Viaduct Replacement, Elliott Bay Seawall Project, and the Waterfront Improvement Program. The Alaskan Way Viaduct Replacement project includes SDOT's costs for the SR-99 / Bored Tunnel, the Battery Street Tunnel decommission, the Holgate to King south end projects, the parking program, program management services, and related components. The Elliot Bay Seawall project will replace the current Seawall from Washington to Virginia streets (also known as the Central Seawall) and is estimated to cost \$300 million. It will also strengthen the pier support for Fire Station 5, which is currently attached to the existing seawall. The final project, the Waterfront Improvement Project, has reached conceptual planning milestones, and the Central Waterfront Concept Design and Framework Plan has been developed. The next phases of design beginning in 2014 will reflect improved connections between Downtown, Pioneer Square and the waterfront, and the opportunity to integrate the connection between the Pike Place Market and Seattle Aquarium. One key component of funding for this project is the development and implementation of a Local Improvement District in 2014.

***Asset Preservation and Maintenance:*** Investments to address the maintenance backlog are critical because deferred maintenance leads to costly repairs in the long-run, and, due to funding constraints, the City lags far behind industry standards for repair and replacement cycles in many functional areas. In recognition of the significant street surface repair needs throughout the city, the 2014-2019 Proposed CIP continues the Enhanced Paving Plan that began mid-year 2011. Through the Arterial Major Maintenance CIP, the City is investing \$7.9 million in 2014 and \$5.4 million in 2015 of REET, Commercial Parking Tax, and Levy Lid Lift funding. This support allows SDOT to quickly and cost effectively remedy deteriorating pavement issues that span one to three city blocks on arterial streets and are too large to address with a pothole repair. This funding will allow SDOT to pave a total of 16 lane miles of arterials around the City in 2014 and an additional 11 lane miles in 2015. Finally, the CIP includes an additional \$3.7 million for non-arterial street repair in 2014 and another \$2.7 million in 2015. These REET and gas tax revenues will allow SDOT to pave a total of 3.7 lane miles of non-arterial streets in neighborhoods and industrial areas in 2014 and another 2.7 lane miles in 2015. In addition, the 2014 Proposed Budget establishes a \$3.2 million paving reserve for projects that resurface and reconstruct Seattle's arterial roadways. SDOT will identify and prioritize new candidate projects for use of the reserve in 2014 for the Arterial Asphalt and Concrete Program.

***Pay Station Replacement:*** The first of the City's parking pay stations will reach the end of their 10-year lifecycle in 2014. Older pay stations are past their warranty, costly to maintain, becoming obsolete, and cannot accommodate time-of-day pricing. In 2013, SDOT issued a Request for Proposals (RFP) for pay station replacement. The 2014 Proposed CIP includes \$1.3 million from the General Subfund to begin replacing the pay stations, an effort that will continue through 2016. SDOT plans to replace 600 pay stations in the commercial core, Pike-Pine, Chinatown-International District, Denny Triangle South, and Belltown South areas during 2014. The Proposed CIP identifies an additional \$4.2 million in 2015 and \$5.3 million in 2016 and assumes that the City will lease the pay stations for seven years. The City may need to revisit these costs and assumptions in 2014 after SDOT receives and evaluates the RFP responses.

***23rd Avenue Corridor Improvements:*** This corridor 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 Jackson, along with optional improvements between John and Helen. Additional funding will support 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. Trolley buses reduce greenhouse gas emissions and provide a quieter, more neighborhood-friendly service.

The three-lane design allows for substantial pedestrian improvements by reconstructing sidewalks and reducing the curb-to-curb width by eight feet in most places; it also allows SDOT to adjust the traffic lanes to conform to lane-width standards as opposed to the narrow lanes existing today. SDOT will also reconstruct pavement and upgrade signals to meet transit signal priority needs and accommodate Intelligent Transportation Systems (ITS) features such as travel time information.

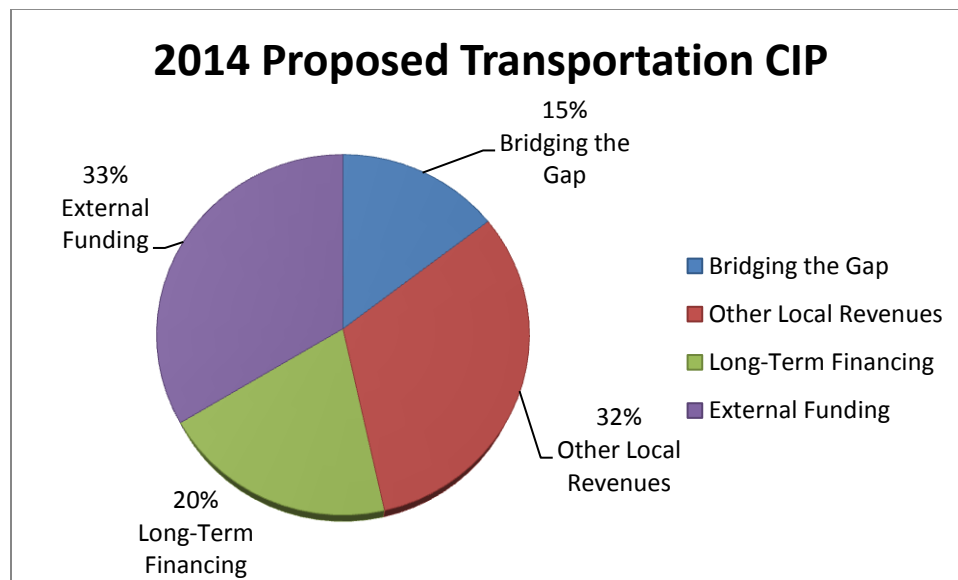
Project support includes \$2.4 million of new REET II funding, a new state grant, bond proceeds from savings on the Spokane viaduct project, and transfers from the Arterial Asphalt and Concrete program.

### CIP Revenue Sources

Multiple funding sources support the Transportation CIP, including:

- Gas Tax;
- REET I and REET II;
- Bridging the Gap Levy LID Lift and Commercial Parking Tax;
- Long-term financing (general obligation bonds);
- Street vacation revenues;
- Federal and state grants; and
- Funds from various funding partners, such as Sound Transit and the Washington State Department of Transportation.

In 2014, the Proposed CIP budget is \$277.6 million from the following sources:



#### Local Revenues

Local funding sources for the Transportation Capital Improvement Program include Gas Tax, General Fund, Cumulative Reserve REET II, Cumulative Reserve Street Vacation, 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. The revenue projections for the General Fund and Cumulative Reserve REET II Subfund have improved, and the SDOT CIP has been a beneficiary of this turnaround. However, gas tax revenue has been flat.

### 2014-2019 Capital Improvement Program

## 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 SDOT's [Action Agenda](#). The Action Agenda lays out a clear set of transportation policies, actions, and measures of success.

The Action Agenda is organized around five core principles:

1. **Keeping it Safe** - using engineering, education, enforcement and evaluation to improve safety for all, and reduce fatalities and injuries
2. **Focusing on the Basics** - maintaining, protecting, preserving and enhancing our capital assets
3. **Building Healthy Communities** - supporting sustainability, livability and equitable growth
4. **Supporting a Thriving Economy** - keeping people and goods moving, and creating great places that attract businesses
5. **Providing Great Service** - helping people access transportation services and information

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 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.

# Seattle Department of Transportation

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Debt Service Program</b>					<b>BCL/Program Code:</b>				<b>18002D</b>
Debt Service - CRF (TC320060)	14,853	1,361	1,362	1,362	1,346	1,344	850	852	23,332
<b>Debt Service Program</b>	14,853	1,361	1,362	1,362	1,346	1,344	850	852	23,332
<b>Major Maintenance/Replacement</b>					<b>BCL/Program Code:</b>				<b>19001</b>
Arterial Asphalt and Concrete Program (TC365440)	159,942	31,811	8,202	4,599	19,350	19,350	19,350	19,350	283,154
Arterial Major Maintenance (TC365940)	16,179	6,156	7,940	5,350	2,900	2,900	2,900	2,900	47,225
Bike Master Plan Implementation (TC366760)	19,829	11,214	5,483	5,579	5,648	5,756	5,929	6,071	65,509
Bridge Load Rating (TC365060)	2,619	290	265	273	281	290	299	308	4,625
Bridge Painting Program (TC324900)	16,214	3,748	2,135	2,135	2,135	2,135	2,135	2,135	32,772
Bridge Rehabilitation and Replacement (TC366850)	60,071	7,738	3,684	10,565	16,610	150	0	0	98,818
Bridge Rehabilitation and Replacement Phase II (TC367450)	0	0	500	0	5,900	5,900	5,900	5,900	24,100
Bridge Seismic - Phase III (TC367300)	0	95	0	0	2,800	2,800	2,800	2,800	11,295
Bridge Seismic Retrofit Phase II (TC365810)	22,815	16,936	0	0	0	0	0	0	39,751
Hazard Mitigation Program - Areaways (TC365480)	4,880	638	327	336	345	354	363	372	7,615
Hazard Mitigation Program - Landslide Mitigation Projects (TC365510)	6,499	1,052	412	416	421	427	440	453	10,120
Miscellaneous, Unforeseen, and Emergencies (TC320030)	1,123	1,936	0	0	0	0	0	0	3,059
Non-Arterial Asphalt Street Resurfacing (TC323920)	2,082	769	2,274	1,282	785	788	792	796	9,568
Non-Arterial Concrete Rehabilitation (TC323160)	2,493	916	1,410	1,420	926	933	941	970	10,009
Retaining Wall Repair and Restoration (TC365890)	3,946	921	212	212	212	212	212	212	6,139
Rubble Yard Facilities Relocation (TC367340)	723	172	0	0	0	0	0	0	895
Sidewalk Safety Repair (TC365120)	12,158	2,233	2,326	1,047	2,037	2,088	2,151	2,215	26,255
South Park Bridge (TC365780)	811	400	15,000	27	10	0	0	0	16,248
Street Lighting Program (TC366900)	0	0	0	1,000	1,000	1,000	1,000	1,000	5,000

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program



# Seattle Department of Transportation

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
University Bridge Control System Upgrade (TC367290)	0	270	0	0	0	0	0	0	270
<b>Major Maintenance/Replacement</b>	332,384	87,296	50,170	34,241	61,360	45,083	45,212	45,482	702,428
<b>Major Projects</b>									<b>BCL/Program Code: 19002</b>
Alaskan Way Viaduct Replacement (TC366050)	86,559	8,506	6,207	5,641	4,680	2,167	433	0	114,193
Elliott Bay Seawall Project (TC367320)	0	43,130	90,000	90,000	51,093	0	0	0	274,223
First Hill Streetcar (TC367100)	47,514	71,154	14,111	0	0	0	0	0	132,779
Magnolia Bridge Replacement Project (TC366060)	9,466	425	0	0	0	0	0	0	9,891
Mercer Corridor Project (TC365500)	127,975	37,005	0	0	0	0	0	0	164,980
Mercer Corridor Project West Phase (TC367110)	13,127	31,193	21,221	25,600	3,949	50	0	0	95,140
Spokane St. Viaduct (TC364800)	155,478	2,058	0	0	0	0	0	0	157,536
SR-520 Project (TC365880)	1,647	927	677	368	377	387	396	408	5,186
Waterfront Improvement Program (TC367330)	0	20,500	39,700	88,000	204,200	159,700	194,000	55,900	762,000
<b>Major Projects</b>	441,766	214,898	171,916	209,609	264,299	162,304	194,829	56,308	1,715,929
<b>Mobility-Capital</b>									<b>BCL/Program Code: 19003</b>
23rd Avenue Corridor Improvements (TC367420)	0	7,400	10,750	25,000	2,700	0	0	0	45,850
3rd Avenue Corridor Improvements (TC367370)	0	2,150	2,820	966	0	0	0	0	5,936
5th Ave Streetscapes Improvements (TC367080)	548	16	0	0	0	0	0	0	564
ADA Improvements – SDOT (TC367500)	0	0	45	84	0	0	0	0	129
Aurora Rapid Ride Improvements (TC367220)	69	6,850	0	0	24	4	0	0	6,947
Aurora Transit, Pedestrian, and Safety Improvements (TC366250)	3,217	1	0	0	0	0	0	0	3,218
Ballard to Downtown High Capacity Transit and Ship Canal Crossing Project (TC367390)	0	800	700	0	0	0	0	0	1,500
Broadway Streetcar Extension (TC367240)	113	1,637	1,775	19,825	2,000	0	0	0	25,350

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
Burke-Gilman Trail Extension (TC364830)	15,404	9,042	0	0	0	2,257	10	10	26,723
Center City Streetcar Connector (TC367210)	63	1,137	2,500	4,000	0	20,000	0	0	27,700
Cheshiahud Lake Union Trail Project (TC367070)	685	1,987	1,369	0	0	0	0	0	4,041
Chief Sealth Trail (TC365690)	5,137	0	0	0	0	0	0	0	5,137
Children's Hospital Livable Street Initiative (TC367230)	355	355	0	0	0	0	0	0	710
Collision Evaluation Program (TC323860)	1,617	1,289	156	161	166	170	175	180	3,914
Eastlake Corridor Transit and Street Improvements (TC367380)	0	300	1,200	500	0	0	0	0	2,000
Fauntleroy Way SW Green Boulevard (TC367200)	80	620	0	0	0	0	0	0	700
Freight Spot Improvement Program (TC365850)	1,269	1,334	425	0	0	0	0	0	3,028
Greenwood Avenue N Street Improvements (TC366380)	7,085	136	0	0	0	0	0	0	7,221
King Street Station Multimodal Terminal (TC366810)	46,077	10,133	10	0	0	0	0	0	56,220
Lake Union Ship Canal Trail (TC327000)	9,648	63	0	0	0	0	0	0	9,711
Left Turn Signals (TC323130)	3,596	200	203	209	215	221	228	235	5,107
Linden Avenue North Complete Streets (TC366930)	7,153	3,100	0	0	0	0	0	0	10,253
Madison Street Bus Rapid Transit (TC367480)	0	500	1,500	0	0	0	0	0	2,000
Mountains to Sound Greenway Trail (TC365750)	1,604	68	0	0	0	0	0	0	1,672
Multi-Modal Corridor Development (TC367490)	0	0	776	799	0	0	0	0	1,575
Neighborhood Large Projects (TC367250)	0	2,836	1,882	1,929	1,967	2,016	2,077	2,700	15,407
Neighborhood Traffic Control Program (TC323250)	6,301	546	500	298	298	298	298	298	8,837
New Traffic Signals (TC323610)	5,628	946	485	287	295	303	312	321	8,577
Next Generation Intelligent Transportation Systems (ITS) (TC367430)	0	500	2,525	1,735	0	0	0	0	4,760
NSF/CRS Neighborhood Program (TC365770)	26,336	3,382	1,073	288	295	303	312	321	32,310

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
Pay Stations (TC366350)	17,914	0	1,263	4,175	5,300	0	0	0	28,652
Pedestrian Master Plan - School Safety (TC367170)	1,722	8,007	7,402	789	810	838	863	889	21,320
Pedestrian Master Plan Implementation (TC367150)	26,032	11,406	9,507	11,423	6,076	6,241	6,418	6,567	83,670
Railroad Crossing Signal Improvements (TC367090)	2,674	744	100	0	0	0	0	0	3,518
S Lander St. Grade Separation (TC366150)	2,533	0	0	0	0	0	0	0	2,533
Safety and Maintenance Project (TC367520)	0	2,091	0	0	0	0	0	0	2,091
Sound Transit - East Link (TC367410)	0	100	100	100	100	100	100	100	700
Sound Transit - University Link (TC367040)	947	169	0	101	0	0	0	0	1,217
Sound Transit North Link (TC367190)	129	271	252	163	274	163	166	157	1,575
Sound Transit North Link Station Bike and Pedestrian Improvements (TC367350)	0	817	0	3,984	3,997	15,000	1,770	0	25,568
South Lake Union Streetcar (TC367400)	0	2,053	1,680	0	0	0	0	0	3,733
Thomas St Pedestrian Overpass (formerly Belltown/Queen Anne Waterfront Connections- Thomas St.) (TC366210)	10,040	676	0	0	0	0	0	0	10,716
Transit Corridor Improvements (TC366860)	23,074	9,897	3,122	2,690	3,400	3,400	3,400	3,400	52,383
West Duwamish Trail (TC367130)	172	1,828	0	0	0	0	0	0	2,000
<b>Mobility-Capital</b>	227,222	95,388	54,120	79,506	27,917	51,314	16,129	15,178	566,774
<b>Department Total*:</b>	1,016,225	398,943	277,568	324,717	354,923	260,045	257,020	117,821	3,008,462

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Fund Summary

Fund Name & Code	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
2000 Parks Levy Fund (33850)	5,674	233	0	0	0	0	0	0	5,907
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)	8,140	0	0	0	0	0	0	0	8,140
2007 Multipurpose LTGO Bond Fund (35100)	22,620	0	0	0	0	0	0	0	22,620
2008 Multipurpose LTGO Bond Fund (35200)	60,371	4,485	0	0	0	0	0	0	64,856
2008 Parks Levy Fund (33860)	1,445	5,805	0	0	0	0	0	0	7,250
2009 Multipurpose LTGO Bond Fund (35300)	63,583	465	0	0	0	0	0	0	64,048
2010 Multipurpose LTGO Bond Fund (35400)	66,696	7,816	0	0	0	0	0	0	74,512
2011 Multipurpose LTGO Bond Fund (35500)	22,792	38,857	0	0	0	0	0	0	61,649
2012 Multipurpose LTGO Bond Fund (35600)	5,246	10,639	0	0	0	0	0	0	15,885
2014 Multipurpose LTGO Bond Fund (35800)	0	0	28,378	0	0	0	0	0	28,378
Central Waterfront Improvement Fund (35900)	0	9,500	15,500	35,000	83,000	35,000	59,000	10,900	247,900
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	2,424	0	1,500	4,400	0	0	0	0	8,324
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount (00161)	87,126	20,844	24,511	21,716	6,437	5,420	4,927	4,930	175,912
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)	6,543	744	100	0	0	0	0	0	7,387
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	1,100	2,540	2,500	0	0	0	0	0	6,140
Emergency Subfund (00185)	347	52	0	0	0	0	0	0	399
Future Bond Funds (99999)	0	0	0	14,740	21,878	150	0	0	36,768
Open Spaces & Trails Bond Fund (33620)	2,054	0	0	0	0	0	0	0	2,054

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Fund Summary

Fund Name & Code	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
School Zone Fixed Automated Cameras Fund (18500)	0	0	6,599	0	0	0	0	0	6,599
To Be Determined (TBD)	0	0	0	25,016	13,681	25,957	10,480	8,710	83,844
Transportation Bond Fund (31600)	5,874	0	0	0	0	0	0	0	5,874
Transportation Operating Fund (10310)	630,824	253,263	120,480	113,596	171,876	174,518	157,613	93,280	1,716,649
UTGO Bond Fund (35920)	0	43,700	78,000	110,250	58,050	0	0	0	290,000
Waterfront Lid Lift (35910)	0	0	0	0	0	19,000	25,000	0	44,000
<b>Department Total*:</b>	1,016,225	398,943	277,568	324,717	354,923	260,045	257,020	117,821	3,008,462

*\*Amounts in thousands of dollars*

**2014 - 2019 Proposed Capital Improvement Program**

# Seattle Department of Transportation

## 23rd Avenue Corridor Improvements

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q3/2013
<b>Project ID:</b>	TC367420	<b>End Date:</b>	Q4/2016
<b>Location:</b>	23rd AVE S/E John ST/Raini AVE S		
<b>Neighborhood Plan:</b>	Central Area	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	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. To be determined funding is anticipated to come from projected savings in the Mercer Corridor Project. The funding will be transferred when the Mercer Corridor project is closer to completion.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	2,400	2,400	0	0	0	0	4,800
Federal Grant Funds	0	0	5,000	0	0	0	0	0	5,000
Transportation Funding Package - Lid Lift	0	1,150	2,850	5,950	0	0	0	0	9,950
State Grant Funds	0	350	500	6,650	1,500	0	0	0	9,000
To be determined	0	0	0	10,000	0	0	0	0	10,000
2011 Multipurpose LTGO bond Fund	0	5,900	0	0	0	0	0	0	5,900
Transportation Bond Funds	0	0	0	0	1,200	0	0	0	1,200
<b>Total:</b>	0	7,400	10,750	25,000	2,700	0	0	0	45,850
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	2,400	2,400	0	0	0	0	4,800
Transportation Operating Fund	0	1,500	8,350	12,600	1,500	0	0	0	23,950
2011 Multipurpose LTGO Bond Fund	0	5,900	0	0	0	0	0	0	5,900
Future Bond Funds	0	0	0	0	1,200	0	0	0	1,200
<b>Total*:</b>	0	7,400	10,750	15,000	2,700	0	0	0	35,850
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	2,400	2,400	0	0	0	0	4,800
Transportation Operating Fund	1,500	8,350	12,600	1,500	0	0	0	23,950
To Be Determined	0	0	10,000	0	0	0	0	10,000
2011 Multipurpose LTGO Bond Fund	0	5,900	0	0	0	0	0	5,900
Future Bond Funds	0	0	0	1,200	0	0	0	1,200
<b>Total:</b>	1,500	16,650	25,000	2,700	0	0	0	45,850

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## 3rd Avenue Corridor Improvements

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2012
<b>Project ID:</b>	TC367370	<b>End Date:</b>	Q4/2015
<b>Location:</b>	3rd AVE/S Jackson ST/Denny WAY		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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.

	<b>LTD</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
	<b>Actuals</b>	<b>Rev</b>							
<b>Revenue Sources</b>									
Federal Grant Funds	0	800	2,820	100	0	0	0	0	3,720
Transportation Funding Package - Parking Tax	0	1,350	0	0	0	0	0	0	1,350
To be determined	0	0	0	866	0	0	0	0	866
<b>Total:</b>	0	2,150	2,820	966	0	0	0	0	5,936
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	2,150	2,820	100	0	0	0	0	5,070
<b>Total*:</b>	0	2,150	2,820	100	0	0	0	0	5,070
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		1,730	3,240	100	0	0	0	0	5,070
To Be Determined		0	0	866	0	0	0	0	866
<b>Total:</b>		1,730	3,240	966	0	0	0	0	5,936

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### 2014 - 2019 Proposed Capital Improvement Program



# Seattle Department of Transportation

## 5th Ave Streetscapes Improvements

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	TC367080	<b>End Date:</b>	Q4/2013
<b>Location:</b>	5th Avenue NE/NE 112th Street		
<b>Neighborhood Plan:</b>	Northgate	<b>Neighborhood Plan Matrix:</b>	I.G. 13.1
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	Northgate

This project will remove pavement and install a landscaped median and stamped concrete crosswalks at NE 112th Street, construct new sidewalk and curb ramps on the west side of 5th Avenue NE, and remove concrete planting strips and replace with landscaping on the east side of 5th Avenue NE. Poles will be painted to match the 5th Avenue NE project completed in 2006. There are minor close-out and landscape establishment costs in 2011-2013.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
2009 Multipurpose LTGO Bond Fund	548	16	0	0	0	0	0	0	564
<b>Total:</b>	548	16	0	0	0	0	0	0	564
<b>Fund Appropriations/Allocations</b>									
2009 Multipurpose LTGO Bond Fund	548	16	0	0	0	0	0	0	564
<b>Total*:</b>	548	16	0	0	0	0	0	0	564
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
2009 Multipurpose LTGO Bond Fund		16	0	0	0	0	0	0	16
<b>Total:</b>		16	0	0	0	0	0	0	16

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## ADA Improvements – SDOT

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	TC367500	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	45	84	0	0	0	0	129
<b>Total:</b>	0	0	45	84	0	0	0	0	129
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	45	84	0	0	0	0	129
<b>Total*:</b>	0	0	45	84	0	0	0	0	129

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Alaskan Way Viaduct Replacement

<b>BCL/Program Name:</b>	Major Projects	<b>BCL/Program Code:</b>	19002
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	TC366050	<b>End Date:</b>	Q4/2018
<b>Location:</b>	ALASKAN WY VI SB/BATTERY ST TUN OFF RP		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	74	0	0	0	0	0	0	0	74
Federal Grant Funds	3,800	446	0	0	0	0	0	0	4,246
State Gas Taxes - Arterial City Street Fund	224	0	0	0	0	0	0	0	224
General Subfund Revenues	2,951	0	0	0	0	0	0	0	2,951
Interdepartmental Transfer	10	0	0	0	0	0	0	0	10
Interfund Loan	2,000	0	0	0	0	0	0	0	2,000
King County Funds	11,668	0	0	0	0	0	0	0	11,668
State Grant Funds	12,500	4,111	5,180	4,800	3,825	1,600	0	0	32,016
User Fees	114	0	0	0	0	0	0	0	114
Commercial Parking Tax	7,800	326	1,027	841	855	567	433	0	11,849
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	14,426	414	0	0	0	0	0	0	14,840
2012 Multipurpose LTGO Bond Fund	161	3,209	0	0	0	0	0	0	3,370
<b>Total:</b>	86,559	8,506	6,207	5,641	4,680	2,167	433	0	114,193

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Fund Appropriations/Allocations

Transportation Operating Fund	41,141	4,883	6,207	5,641	4,680	2,167	433	0	65,152
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	14,426	414	0	0	0	0	0	0	14,840
2012 Multipurpose LTGO Bond Fund	161	3,209	0	0	0	0	0	0	3,370
<b>Total*:</b>	86,559	8,506	6,207	5,641	4,680	2,167	433	0	114,193
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

### Spending Plan by Fund

Transportation Operating Fund	4,882	6,207	5,641	4,680	2,167	433	0	24,010
2011 Multipurpose LTGO Bond Fund	414	0	0	0	0	0	0	414
2012 Multipurpose LTGO Bond Fund	3,209	0	0	0	0	0	0	3,209
<b>Total:</b>	8,506	6,207	5,641	4,680	2,167	433	0	27,634

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## 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Arterial Asphalt and Concrete Program

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC365440	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
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*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Revenue Sources

Real Estate Excise Tax II	16,505	0	0	0	0	0	0	0	0	16,505
Real Estate Excise Tax I	501	0	0	0	0	0	0	0	0	501
Property Sales and Interest Earnings	253	0	0	0	0	0	0	0	0	253
Street Vacations	950	0	0	0	0	0	0	0	0	950
Vehicle Licensing Fees	346	0	0	0	0	0	0	0	0	346
Drainage and Wastewater Rates	1,752	0	0	0	0	0	0	0	0	1,752
Federal Grant Funds	11,110	1,129	1,000	0	0	0	0	0	0	13,239
Transportation Funding Package - Parking Tax	15,276	0	0	0	0	0	0	0	0	15,276
Transportation Funding Package - Business Transportation Tax	7,250	0	0	0	0	0	0	0	0	7,250
Transportation Funding Package - Lid Lift	82,902	7,159	7,202	4,599	19,350	19,350	19,350	19,350	19,350	180,462
City Light Fund Revenues	74	208	0	0	0	0	0	0	0	282
State Gas Taxes - Arterial City Street Fund	443	0	0	0	0	0	0	0	0	443
State Gas Taxes - City Street Fund	291	0	0	0	0	0	0	0	0	291
General Subfund Revenues	3,175	25	0	0	0	0	0	0	0	3,200
Interfund Loan	0	11,103	0	0	0	0	0	0	0	11,103
King County Funds	631	2	0	0	0	0	0	0	0	633
Partnership Funds	1,789	0	0	0	0	0	0	0	0	1,789
Private Funding/Donations	148	0	0	0	0	0	0	0	0	148
State Grant Funds	615	3,885	0	0	0	0	0	0	0	4,500
Transportation Bond Funds	800	0	0	0	0	0	0	0	0	800
2008 Multipurpose LTGO Bond Fund	0	3,800	0	0	0	0	0	0	0	3,800
2009 Multipurpose LTGO Bond Fund	15,131	0	0	0	0	0	0	0	0	15,131
2011 Multipurpose LTGO bond Fund	0	4,500	0	0	0	0	0	0	0	4,500
<b>Total:</b>	<b>159,942</b>	<b>31,811</b>	<b>8,202</b>	<b>4,599</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>283,154</b>

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	16,505	0	0	0	0	0	0	0	0	16,505
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	501	0	0	0	0	0	0	0	0	501
Cumulative Reserve Subfund - Unrestricted Subaccount	253	0	0	0	0	0	0	0	0	253
Cumulative Reserve Subfund - Street Vacation Subaccount	950	0	0	0	0	0	0	0	0	950
Transportation Operating Fund	125,802	23,511	8,202	4,599	19,350	19,350	19,350	19,350	19,350	240,714
Transportation Bond Fund	800	0	0	0	0	0	0	0	0	800
2008 Multipurpose LTGO Bond Fund	0	3,800	0	0	0	0	0	0	0	3,800
2009 Multipurpose LTGO Bond Fund	15,131	0	0	0	0	0	0	0	0	15,131
2011 Multipurpose LTGO Bond Fund	0	4,500	0	0	0	0	0	0	0	4,500
<b>Total*:</b>	<b>159,942</b>	<b>31,811</b>	<b>8,202</b>	<b>4,599</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>283,154</b>

**O & M Costs (Savings)** 0 0 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	0
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - Street Vacation Subaccount		0	0	0	0	0	0	0	0	0
Transportation Operating Fund		24,131	12,878	5,321	19,350	19,350	19,350	19,350	19,350	120,929
Transportation Bond Fund		0	0	0	0	0	0	0	0	0
2008 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0	0
2011 Multipurpose LTGO Bond Fund		3,792	708	0	0	0	0	0	0	4,500
<b>Total:</b>		<b>27,922</b>	<b>13,586</b>	<b>5,321</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>19,350</b>	<b>125,429</b>

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## 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Arterial Major Maintenance

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC365940	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	3,989	4,690	5,140	0	0	0	0	0	13,819
Real Estate Excise Tax I	750	0	500	3,050	0	0	0	0	4,300
Vehicle Licensing Fees	600	600	0	0	600	600	600	600	3,600
Drainage and Wastewater Rates	45	0	0	0	0	0	0	0	45
Transportation Funding Package - Parking Tax	1,096	0	1,650	1,650	1,650	1,650	1,650	1,650	10,996
Transportation Funding Package - Lid Lift	3,921	650	650	650	650	650	650	650	8,471
State Gas Taxes - Arterial City Street Fund	612	0	0	0	0	0	0	0	612
State Gas Taxes - City Street Fund	1,329	0	0	0	0	0	0	0	1,329
General Subfund Revenues	200	0	0	0	0	0	0	0	200
Rubble Yard Proceeds	3,637	216	0	0	0	0	0	0	3,853
<b>Total:</b>	16,179	6,156	7,940	5,350	2,900	2,900	2,900	2,900	47,225
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	3,989	4,690	5,140	0	0	0	0	0	13,819
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	750	0	500	3,050	0	0	0	0	4,300
Transportation Operating Fund	11,440	1,466	2,300	2,300	2,900	2,900	2,900	2,900	29,106
<b>Total*:</b>	16,179	6,156	7,940	5,350	2,900	2,900	2,900	2,900	47,225
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,690	5,140	0	0	0	0	0	9,830
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	500	3,050	0	0	0	0	3,550
Transportation Operating Fund	1,466	2,300	2,300	2,900	2,900	2,900	2,900	17,666
<b>Total:</b>	6,156	7,940	5,350	2,900	2,900	2,900	2,900	31,046

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Aurora Rapid Ride Improvements

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q3/2012
<b>Project ID:</b>	TC367220	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
Federal Grant Funds		52	4,848	0	0	0	0	0	0	4,900
Transportation Funding Package - Parking Tax		3	29	0	0	0	0	0	0	32
Transportation Funding Package - Lid Lift		9	961	0	0	0	0	0	0	970
State Gas Taxes - Arterial City Street Fund		5	38	0	0	24	4	0	0	71
Partnership Funds		0	545	0	0	0	0	0	0	545
State Grant Funds		0	429	0	0	0	0	0	0	429
<b>Total:</b>		69	6,850	0	0	24	4	0	0	6,947
<b>Fund Appropriations/Allocations</b>										
Transportation Operating Fund		69	6,850	0	0	24	4	0	0	6,947
<b>Total*:</b>		69	6,850	0	0	24	4	0	0	6,947
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
Transportation Operating Fund			3,166	3,661	24	24	4	0	0	6,879
<b>Total:</b>			3,166	3,661	24	24	4	0	0	6,879

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Aurora Transit, Pedestrian, and Safety Improvements

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2003
<b>Project ID:</b>	TC366250	<b>End Date:</b>	ON HOLD
<b>Location:</b>	Aurora Ave N/N 110th St/N 145th St		
<b>Neighborhood Plan:</b>	Broadview-Bitter Lake-Haller Lake	<b>Neighborhood Plan Matrix:</b>	B-46
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	In more than one Urban Village

This project funds improvements to Aurora Avenue North between N 110th and N 145th Streets. Typical improvements may include, but are not limited to, a business access/transit lane; a left turn lane/landscaped center median; and a curb, gutter, and sidewalk/amenity zone to include sidewalks and landscaping. This project improves pedestrian safety, access, and transit service in the corridor. Design was put on hold in 2008 due to lack of funding.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	130	0	0	0	0	0	0	0	130
Drainage and Wastewater Rates	133	0	0	0	0	0	0	0	133
Federal Grant Funds	1,696	0	0	0	0	0	0	0	1,696
State Gas Taxes - Arterial City Street Fund	792	1	0	0	0	0	0	0	793
General Subfund Revenues	34	0	0	0	0	0	0	0	34
King County Funds	70	0	0	0	0	0	0	0	70
State Grant Funds	362	0	0	0	0	0	0	0	362
<b>Total:</b>	3,217	1	0	0	0	0	0	0	3,218
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	130	0	0	0	0	0	0	0	130
Transportation Operating Fund	3,087	1	0	0	0	0	0	0	3,088
<b>Total*:</b>	3,217	1	0	0	0	0	0	0	3,218
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		1	0	0	0	0	0	0	1
<b>Total:</b>		1	0	0	0	0	0	0	1

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Ballard to Downtown High Capacity Transit and Ship Canal Crossing Project

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	TC367390	<b>End Date:</b>	Q3/2015
<b>Location:</b>	Downtown Ballard/Downtown Seattle		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Vehicle Licensing Fees	0	0	200	0	0	0	0	0	200
Transportation Funding Package - Parking Tax	0	0	446	0	0	0	0	0	446
Transportation Funding Package - Lid Lift	0	0	54	0	0	0	0	0	54
General Subfund Revenues	0	800	0	0	0	0	0	0	800
<b>Total:</b>	0	800	700	0	0	0	0	0	1,500
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	800	700	0	0	0	0	0	1,500
<b>Total*:</b>	0	800	700	0	0	0	0	0	1,500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		640	700	0	0	0	0	0	1,340
<b>Total:</b>		640	700	0	0	0	0	0	1,340

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Bike Master Plan Implementation

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC366760	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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. In 2010, this project has been restructured to include, as sub-projects, the funding and scope from two former projects: the Bike Spot Safety Improvements and the Urban Trail and Bikeways Spot Improvements. This program supports Walk Bike Ride by implementing the Bicycle Master Plan.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	852	285	0	0	0	0	0	0	1,137
Vehicle Licensing Fees	1,190	1,460	1,200	1,200	1,200	1,200	1,200	1,200	9,850
Federal Grant Funds	0	0	0	0	0	0	0	0	0
Transportation Funding Package - Parking Tax	312	500	0	0	0	0	0	0	812
Transportation Funding Package - Business Transportation Tax	2,227	0	0	0	0	0	0	0	2,227
Transportation Funding Package - Lid Lift	14,665	6,862	4,283	4,379	4,448	4,556	4,729	4,871	48,793
State Gas Taxes - Arterial City Street Fund	533	20	0	0	0	0	0	0	553
General Subfund Revenues	0	500	0	0	0	0	0	0	500
State Grant Funds	50	387	0	0	0	0	0	0	437
Rubble Yard Proceeds	0	1,200	0	0	0	0	0	0	1,200
<b>Total:</b>	19,829	11,214	5,483	5,579	5,648	5,756	5,929	6,071	65,509
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	852	285	0	0	0	0	0	0	1,137
Transportation Operating Fund	18,977	10,929	5,483	5,579	5,648	5,756	5,929	6,071	64,372
<b>Total*:</b>	19,829	11,214	5,483	5,579	5,648	5,756	5,929	6,071	65,509
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Bridge Load Rating

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC365060	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	301	0	0	0	0	0	0	0	301
Vehicle Licensing Fees	200	0	0	0	0	0	0	0	200
State Gas Taxes - Arterial City Street Fund	1,507	290	265	273	281	290	299	308	3,513
State Gas Taxes - City Street Fund	309	0	0	0	0	0	0	0	309
General Subfund Revenues	302	0	0	0	0	0	0	0	302
<b>Total:</b>	2,619	290	265	273	281	290	299	308	4,625
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	301	0	0	0	0	0	0	0	301
Transportation Operating Fund	2,318	290	265	273	281	290	299	308	4,324
<b>Total*:</b>	2,619	290	265	273	281	290	299	308	4,625
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		290	265	273	281	290	299	308	2,006
<b>Total:</b>		290	265	273	281	290	299	308	2,006

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Bridge Painting Program

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC324900	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing asset preservation project provides for the periodic painting of each of the City's 20 structural steel bridges. The painting cycle is initially determined by applying Federal Highway Administration standards for coating life, and is supplemented by annual physical inspections to assess the actual rate of deterioration.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	13,733	3,351	2,135	2,135	2,135	2,135	2,135	2,135	29,894
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	600	72	0	0	0	0	0	0	672
State Gas Taxes - City Street Fund	270	0	0	0	0	0	0	0	270
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	0	300	0	0	0	0	0	0	300
<b>Total:</b>	16,214	3,748	2,135	2,135	2,135	2,135	2,135	2,135	32,772
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	13,733	3,351	2,135	2,135	2,135	2,135	2,135	2,135	29,894
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	2,249	397	0	0	0	0	0	0	2,646
<b>Total*:</b>	16,214	3,748	2,135	2,135	2,135	2,135	2,135	2,135	32,772
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,107	4,379	1,693	2,301	2,411	2,135	2,135	16,161
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - South Lake Union Property Proceeds Subaccount	0	0	0	0	0	0	0	0
Transportation Operating Fund	324	73	0	0	0	0	0	397
<b>Total:</b>	1,431	4,453	1,693	2,301	2,411	2,135	2,135	16,559

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### 2014 - 2019 Proposed Capital Improvement Program



# Seattle Department of Transportation

## Bridge Rehabilitation and Replacement

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC366850	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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, East Duwamish Waterway, Jose Rizal, East Marginal Way at Horton Street, NE 45th Street Viaduct. The bridges scheduled for maintenance in 2014 and 2015 are: the 15th Ave. W Interchange, Fairview Avenue N-West Bridge, and Yesler Over 4th Avenue.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	320	0	0	0	0	0	0	0	320
Drainage and Wastewater Rates	182	0	0	0	0	0	0	0	182
Federal Grant Funds	2,727	1,300	3,684	5,825	6,975	0	0	0	20,511
Transportation Funding Package - Parking Tax	2,458	29	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	1,047	0	0	0	0	0	0	0	1,047
City Light Fund Revenues	400	0	0	0	0	0	0	0	400
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
Public Works Trust Fund Proceeds	7,000	0	0	0	0	0	0	0	7,000
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	26,056	4,408	0	0	0	0	0	0	30,464
2011 Multipurpose LTGO bond Fund	0	2,001	0	0	0	0	0	0	2,001
Transportation Funding Package - Bonds	0	0	0	4,740	9,635	150	0	0	14,525
<b>Total:</b>	<b>60,071</b>	<b>7,738</b>	<b>3,684</b>	<b>10,565</b>	<b>16,610</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>98,818</b>

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	320	0	0	0	0	0	0	0	320
Transportation Operating Fund	15,389	1,329	3,684	5,825	6,975	0	0	0	33,202
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	26,056	4,408	0	0	0	0	0	0	30,464
2011 Multipurpose LTGO Bond Fund	0	2,001	0	0	0	0	0	0	2,001
Future Bond Funds	0	0	0	4,740	9,635	150	0	0	14,525
<b>Total*:</b>	<b>60,071</b>	<b>7,738</b>	<b>3,684</b>	<b>10,565</b>	<b>16,610</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>98,818</b>

**O & M Costs (Savings)** 0 0 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	0
Transportation Operating Fund	1,329	3,684	5,825	6,975	0	0	0	0	17,813
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2010 Multipurpose LTGO Bond Fund	3,511	897	0	0	0	0	0	0	4,408
2011 Multipurpose LTGO Bond Fund	0	1,495	505	0	0	0	0	0	2,001
Future Bond Funds	0	0	4,741	9,635	150	0	0	0	14,526
<b>Total:</b>	<b>4,841</b>	<b>6,076</b>	<b>11,071</b>	<b>16,610</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>38,748</b>

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Bridge Rehabilitation and Replacement Phase II

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC367450	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This project will develop a proposal for the next phase of bridge major maintenance to address the backlog for the City's bridge infrastructure.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Parking Tax	0	0	500	0	0	0	0	0	500
To be determined	0	0	0	0	5,900	5,900	5,900	5,900	23,600
<b>Total:</b>	0	0	500	0	5,900	5,900	5,900	5,900	24,100
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	500	0	0	0	0	0	500
<b>Total*:</b>	0	0	500	0	0	0	0	0	500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Bridge Seismic - Phase III

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	TC367300	<b>End Date:</b>	Q4/2013
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This project will develop a proposal for the next phase of bridge seismic upgrades. Due to changes in bridge standards, seismic codes, and city policies and expectations, previously used criteria and methodology for prioritizing bridges for seismic upgrades need to be updated and reapplied to the city's current inventory of bridges. The outcome from this work will provide a prioritized and accurate assessment of the city's bridge seismic retrofit needs.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Lid Lift	0	95	0	0	0	0	0	0	95
To be determined	0	0	0	0	2,800	2,800	2,800	2,800	11,200
<b>Total:</b>	0	95	0	0	2,800	2,800	2,800	2,800	11,295
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	95	0	0	0	0	0	0	95
<b>Total*:</b>	0	95	0	0	0	0	0	0	95
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Bridge Seismic Retrofit Phase II

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC365810	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	150	0	0	0	0	0	0	0	150
Federal Grant Funds	879	2,401	0	0	0	0	0	0	3,280
Transportation Funding Package - Parking Tax	1,853	1,125	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	3,276	3,355	0	0	0	0	0	0	6,631
City Light Fund Revenues	31	200	0	0	0	0	0	0	231
State Gas Taxes - 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	1,937	9,855	0	0	0	0	0	0	11,792
2014 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
<b>Total:</b>	22,815	16,936	0	0	0	0	0	0	39,751

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	150	0	0	0	0	0	0	0	150
Transportation Operating Fund	6,990	7,081	0	0	0	0	0	0	14,071
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	1,937	9,855	0	0	0	0	0	0	11,792
Future Bond Funds	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	22,815	16,936	0	0	0	0	0	0	39,751

**O & M Costs (Savings)** 0

### Spending Plan by Fund

Transportation Operating Fund	7,081	0	0	0	0	0	0	0	7,081
2011 Multipurpose LTGO Bond Fund	7,337	2,518	0	0	0	0	0	0	9,855
Future Bond Funds	0	0	0	0	0	0	0	0	0
<b>Total:</b>	14,418	2,518	0	0	0	0	0	0	16,936

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Broadway Streetcar Extension

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2012
<b>Project ID:</b>	TC367240	<b>End Date:</b>	Q3/2016
<b>Location:</b>	Broadway E/E Denny Way/E Roy ST		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	Capitol Hill

This project extends the First Hill Streetcar to the north end of Broadway (approximately Denny Way to Roy Street). The First Hill Streetcar line 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Street Vacations	0	0	350	0	0	0	0	0	350
Vehicle Licensing Fees	113	737	175	175	0	0	0	0	1,200
Federal Grant Funds	0	900	1,250	0	0	0	0	0	2,150
Local Improvement District Bonds	0	0	0	5,500	0	0	0	0	5,500
To be determined	0	0	0	14,150	2,000	0	0	0	16,150
<b>Total:</b>	113	1,637	1,775	19,825	2,000	0	0	0	25,350
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	350	0	0	0	0	0	350
Transportation Operating Fund	113	1,637	1,425	5,675	0	0	0	0	8,850
<b>Total*:</b>	113	1,637	1,775	5,675	0	0	0	0	9,200
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		0	350	0	0	0	0	0	350
Transportation Operating Fund		1,637	1,425	5,675	0	0	0	0	8,737
To Be Determined		0	0	0	0	0	0	0	0
Future Bond Funds		0	0	14,150	2,000	0	0	0	16,150
<b>Total:</b>		1,637	1,775	19,825	2,000	0	0	0	25,237

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Burke-Gilman Trail Extension

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1995
<b>Project ID:</b>	TC364830	<b>End Date:</b>	TBD
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Crown Hill/Ballard	<b>Neighborhood Plan Matrix:</b>	BGT-1
<b>Neighborhood District:</b>	Ballard	<b>Urban Village:</b>	Ballard

This project extends the Burke-Gilman Trail from its current terminus at Eighth Avenue NW to Golden Gardens Park. The segment from Eighth Avenue NW to 11th Avenue NW was constructed in 2001. The Ballard Locks to NW 60th Street segment was constructed in 2005. The NW 60th Street to Golden Gardens segment was constructed in 2008. The "Missing Link" segment from 11th Avenue NW to the Ballard Locks was planned for construction in 2011 and 2012, but has been delayed due to ongoing litigation.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,723	0	0	0	0	0	0	0	1,723
Trail and Open Space Levy	594	2,540	0	0	0	0	0	0	3,134
Street Vacations	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	455	3	0	0	0	0	0	0	458
Transportation Funding Package - Lid Lift	772	1,976	0	0	0	0	0	0	2,748
City Light Fund Revenues	369	20	0	0	0	0	0	0	389
State Gas Taxes - Arterial City Street Fund	445	0	0	0	0	0	0	0	445
State Gas Taxes - City Street Fund	474	0	0	0	0	0	0	0	474
General Subfund Revenues	372	300	0	0	0	0	0	0	672
King County Funds	150	0	0	0	0	0	0	0	150
Partnership Funds	880	0	0	0	0	0	0	0	880
Water Rates	224	0	0	0	0	0	0	0	224
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	471	100	0	0	0	0	0	0	571
To be determined	0	0	0	0	0	2,257	10	10	2,277
Seattle Voter-Approved Levy	247	3,403	0	0	0	0	0	0	3,650
<b>Total:</b>	15,404	9,042	0	0	0	2,257	10	10	26,723

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



## Seattle Department of Transportation

### 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	2,540	0	0	0	0	0	0	3,134
Cumulative Reserve Subfund - Street Vacation Subaccount	380	0	0	0	0	0	0	0	380
Transportation Operating Fund	11,095	2,999	0	0	0	0	0	0	14,094
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	471	100	0	0	0	0	0	0	571
2008 Parks Levy Fund	247	3,403	0	0	0	0	0	0	3,650
<b>Total*:</b>	15,404	9,042	0	0	0	0	0	0	24,446

**O & M Costs (Savings)** 20    20    20    20    21    0    101

### Spending Plan by Fund

Transportation Operating Fund	875	1,000	150	175	6,743	0	0	8,943
2009 Multipurpose LTGO Bond Fund	100	0	0	0	0	0	0	100
<b>Total:</b>	975	1,000	150	175	6,743	0	0	9,043

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## 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Center City Streetcar Connector

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2012
<b>Project ID:</b>	TC367210	<b>End Date:</b>	TBD
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This project will analyze alternatives and design an urban circulator in the corridor between the Lower Queen Anne, Uptown and South Lake Union neighborhoods in the north and the King Street Station and Chinatown/International District in the south, potentially connecting all three of Seattle's multimodal transportation hubs.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Street Vacations	0	0	1,500	0	0	0	0	0	1,500
To be determined	0	0	0	0	0	20,000	0	0	20,000
Vehicle Licensing Fees	14	286	1,000	2,625	0	0	0	0	3,925
Federal Grant Funds	49	851	0	0	0	0	0	0	900
Transportation Funding Package - Lid Lift	0	0	0	1,375	0	0	0	0	1,375
<b>Total:</b>	63	1,137	2,500	4,000	0	20,000	0	0	27,700
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	1,500	0	0	0	0	0	1,500
Transportation Operating Fund	63	1,137	1,000	4,000	0	20,000	0	0	26,200
<b>Total*:</b>	63	1,137	2,500	4,000	0	20,000	0	0	27,700
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		0	1,500	0	0	0	0	0	1,500
Transportation Operating Fund		1,000	1,137	4,000	0	0	0	0	6,137
<b>Total:</b>		1,000	2,637	4,000	0	0	0	0	7,637

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Cheshiahud Lake Union Trail Project

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	TC367070	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Lake Union		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	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. A cycle track will be constructed on Westlake Avenue North.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Federal Grant Funds	0	338	1,369	0	0	0	0	0	1,707
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	651	349	0	0	0	0	0	0	1,000
2011 Multipurpose LTGO bond Fund	0	1,200	0	0	0	0	0	0	1,200
<b>Total:</b>	685	1,987	1,369	0	0	0	0	0	4,041
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	34	438	1,369	0	0	0	0	0	1,841
2009 Multipurpose LTGO Bond Fund	651	349	0	0	0	0	0	0	1,000
2011 Multipurpose LTGO Bond Fund	0	1,200	0	0	0	0	0	0	1,200
<b>Total*:</b>	685	1,987	1,369	0	0	0	0	0	4,041
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		313	1,493	0	0	0	0	0	1,807
2009 Multipurpose LTGO Bond Fund		99	250	0	0	0	0	0	349
2011 Multipurpose LTGO Bond Fund		0	1,200	0	0	0	0	0	1,200
<b>Total:</b>		412	2,943	0	0	0	0	0	3,356

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Chief Sealth Trail

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2000
<b>Project ID:</b>	TC365690	<b>End Date:</b>	Q4/2012
<b>Location:</b>	Southeast		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	MLK Jr. @ Holly

This project constructs 3.6 miles of the Chief Sealth Trail, the first off-street, multi-use trail in southeast Seattle. The work includes the design and construction of a pedestrian/bicycle asphalt trail located in the City Light transmission corridor between Interstate 5 and the Rainier Valley. The trail provides access to Sound Transit Link Light Rail stations at S Othello and S Henderson Streets. Phase II of the project constructs a new section of trail to connect the existing Chief Sealth Trail to the intersection of South Myrtle Place and Holly Park Drive South, and installs a new traffic signal at that intersection to facilitate the safe crossing of bicycles and pedestrians. A retaining wall is constructed along the north side of the bicycle path to bring the grade up to sidewalk level. This phase also includes construction of a bicycle ramp, sidewalk improvements, installation of pedestrian signals, vehicle and pedestrian detection, crosswalk markings, and warning strips for bicycles. Phase III, known as the Northern Extension, spans from Beacon Avenue South to South Angeline Street/15th Avenue South. This project includes feasibility studies, conceptual design, and preliminary engineering for future projects to fill gaps in the trail and extend the trail further south.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	171	0	0	0	0	0	0	0	171
Drainage and Wastewater Rates	39	0	0	0	0	0	0	0	39
Federal Grant Funds	1,760	0	0	0	0	0	0	0	1,760
City Light Fund Revenues	108	0	0	0	0	0	0	0	108
State Gas Taxes - Arterial City Street Fund	123	0	0	0	0	0	0	0	123
State Gas Taxes - City Street Fund	184	0	0	0	0	0	0	0	184
General Subfund Revenues	178	0	0	0	0	0	0	0	178
King County Funds	9	0	0	0	0	0	0	0	9
Sound Transit Funds	993	0	0	0	0	0	0	0	993
Seattle Voter-Approved Levy	400	0	0	0	0	0	0	0	400
2009 Multipurpose LTGO Bond Fund	1,172	0	0	0	0	0	0	0	1,172
<b>Total:</b>	5,137	0	0	0	0	0	0	0	5,137
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	171	0	0	0	0	0	0	0	171
Transportation Operating Fund	3,394	0	0	0	0	0	0	0	3,394
2000 Parks Levy Fund	400	0	0	0	0	0	0	0	400
2009 Multipurpose LTGO Bond Fund	1,172	0	0	0	0	0	0	0	1,172
<b>Total*:</b>	5,137	0	0	0	0	0	0	0	5,137

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

O & M Costs (Savings)

20      20      20      20      21      22      123

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## **2014 - 2019 Proposed Capital Improvement Program**

# Seattle Department of Transportation

## Children's Hospital Livable Street Initiative

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2012
<b>Project ID:</b>	TC367230	<b>End Date:</b>	Q4/2013
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	Not in an Urban Village

This project will implement bicycle, pedestrian and safety improvements in Northeast Seattle per Children's Hospital Major Institution Master Plan (MIMP) approved via ordinance 123263.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Private Funding/Donations	355	355	0	0	0	0	0	0	710
<b>Total:</b>	355	355	0	0	0	0	0	0	710
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	355	355	0	0	0	0	0	0	710
<b>Total*:</b>	355	355	0	0	0	0	0	0	710
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		331	24	0	0	0	0	0	355
<b>Total:</b>		331	24	0	0	0	0	0	355

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Collision Evaluation Program

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC323860	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Vehicle Licensing Fees	80	0	0	0	0	0	0	0	80
Federal Grant Funds	353	0	0	0	0	0	0	0	353
Transportation Funding Package - Parking Tax	62	0	0	0	0	0	0	0	62
Transportation Funding Package - Business Transportation Tax	0	106	0	0	0	0	0	0	106
Transportation Funding Package - Lid Lift	232	46	47	49	50	51	54	56	585
State Gas Taxes - Arterial City Street Fund	734	0	109	112	116	119	121	124	1,435
State Gas Taxes - City Street Fund	156	0	0	0	0	0	0	0	156
State Grant Funds	0	1,137	0	0	0	0	0	0	1,137
<b>Total:</b>	1,617	1,289	156	161	166	170	175	180	3,914
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	1,617	1,289	156	161	166	170	175	180	3,914
<b>Total*:</b>	1,617	1,289	156	161	166	170	175	180	3,914
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		1,289	156	161	166	170	175	180	2,297
<b>Total:</b>		1,289	156	161	166	170	175	180	2,297

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Debt Service - CRF

<b>BCL/Program Name:</b>	Debt Service Program	<b>BCL/Program Code:</b>	18002D
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC320060	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project funds debt service for the following projects, with 2014 costs as follows: Alaskan Way Viaduct/Tunnel & Seawall – TC366050 (2005 & 2012 Bond - \$368,250; 2006 Bond - \$395,476; 2007 Bond \$486,750); and Fremont Bridge Approaches and Electrical Major Maintenance – TC365790 (\$112,000).

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	14,433	1,361	1,362	1,362	1,346	1,344	850	852	22,912
2006 LTGO Bond	420	0	0	0	0	0	0	0	420
<b>Total:</b>	14,853	1,361	1,362	1,362	1,346	1,344	850	852	23,332
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	14,433	1,361	1,362	1,362	1,346	1,344	850	852	22,912
2006 LTGO Capital Projects Fund	420	0	0	0	0	0	0	0	420
<b>Total*:</b>	14,853	1,361	1,362	1,362	1,346	1,344	850	852	23,332
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		1,361	1,362	1,362	1,346	1,344	850	852	8,478
2006 LTGO Capital Projects Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		1,361	1,362	1,362	1,346	1,344	850	852	8,478

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### 2014 - 2019 Proposed Capital Improvement Program



# Seattle Department of Transportation

## Eastlake Corridor Transit and Street Improvements

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	TC367380	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Eastlake AVE/Stewart ST/NE 65th ST		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	350	0	0	0	0	0	350
Street Vacations	0	0	650	0	0	0	0	0	650
Transportation Funding Package - Parking Tax	0	300	200	500	0	0	0	0	1,000
<b>Total:</b>	0	300	1,200	500	0	0	0	0	2,000
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	350	0	0	0	0	0	350
Cumulative Reserve Subfund - Unrestricted Subaccount	0	0	650	0	0	0	0	0	650
Transportation Operating Fund	0	300	200	500	0	0	0	0	1,000
<b>Total*:</b>	0	300	1,200	500	0	0	0	0	2,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Elliott Bay Seawall Project

<b>BCL/Program Name:</b>	Major Projects	<b>BCL/Program Code:</b>	19002
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	TC367320	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Alaskan WAY/S Washington ST/Virginia ST		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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. This project includes the relocation of Fire Station 5 equipment and staff during construction and pier strengthening associated with Seawall construction near the fire station. Costs incurred prior to 2013 are included in the Alaskan Way Viaduct & Seawall Replacement project (TC66050). Replacement of the seawall and pier strengthening associated with Fire Station 5 are estimated to cost \$305 million.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
King County Funds	0	0	15,000	5,750	0	0	0	0	20,750
2012 Multipurpose LTGO Bond Fund	0	2,430	0	0	0	0	0	0	2,430
Transportation Bond Funds	0	0	0	0	11,043	0	0	0	11,043
Seawall Levy	0	40,700	75,000	84,250	40,050	0	0	0	240,000
<b>Total:</b>	0	43,130	90,000	90,000	51,093	0	0	0	274,223
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	15,000	5,750	0	0	0	0	20,750
2012 Multipurpose LTGO Bond Fund	0	2,430	0	0	0	0	0	0	2,430
Future Bond Funds	0	0	0	0	11,043	0	0	0	11,043
UTGO Bond Fund	0	40,700	75,000	84,250	40,050	0	0	0	240,000
<b>Total*:</b>	0	43,130	90,000	90,000	51,093	0	0	0	274,223
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		0	15,000	5,750	0	0	0	0	20,750
2012 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
Future Bond Funds		0	0	0	11,043	0	0	0	11,043
UTGO Bond Fund		43,130	75,000	84,250	40,050	0	0	0	242,430
<b>Total:</b>		43,130	90,000	90,000	51,093	0	0	0	274,223

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Fauntleroy Way SW Green Boulevard

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	TC367200	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Fauntleroy WAY SW/35th AVE SW/SW Alaska ST		
<b>Neighborhood Plan:</b>	West Seattle Junction (FOJ)	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	Southwest	<b>Urban Village:</b>	West Seattle Junction

This project transforms Fauntleroy Way SW into a green boulevard. Preliminary engineering will address project elements identified during conceptual design, including: a planted median with signature lighting fixtures, a pedestrian zone with sidewalks and planting areas including street trees, pedestrian lighting, potential green stormwater infrastructure and art, and safety improvements for crossing movements for all modes, including bicycle improvements and pedestrian crossings, signals, and reconfigured intersections and bulbs. 2012 funding was used for preliminary engineering, including public outreach, preliminary design, and construction cost estimates. Alternative project designs were developed (with and without the relocation of a 28' drainage and wastewater main) that seek to balance green boulevard design elements with Major Truck Street treatments. In the 2012 budget process, Council created this project and adopted a related proviso. By the end of 2012 SDOT will complete a feasibility analysis, conceptual plans and cost estimates. In 2013, a project design will be chosen from the identified alternative designs. Funding in 2013 will be used to continue project planning and design, survey work, update the project cost estimates and do additional public outreach.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	250	0	0	0	0	0	0	250
Transportation Funding Package - Parking Tax	0	200	0	0	0	0	0	0	200
Rubble Yard Proceeds	80	170	0	0	0	0	0	0	250
<b>Total:</b>	80	620	0	0	0	0	0	0	700
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	250	0	0	0	0	0	0	250
Transportation Operating Fund	80	370	0	0	0	0	0	0	450
<b>Total*:</b>	80	620	0	0	0	0	0	0	700
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		161	89	0	0	0	0	0	250
Transportation Operating Fund		170	200	0	0	0	0	0	370
<b>Total:</b>		331	289	0	0	0	0	0	620

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## First Hill Streetcar

<b>BCL/Program Name:</b>	Major Projects	<b>BCL/Program Code:</b>	19002
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2009
<b>Project ID:</b>	TC367100	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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 Capitol Hill Station at Broadway and John Street. The system will provide reliable, frequent service (headways of approximately 10 minutes during peak periods) and operate the same hours as the light rail system (at least 20 hours per day Monday through Saturday and at least 12 hours per day Sundays). A light maintenance vehicle storage base and procurement of a six-vehicle streetcar fleet is also included in the scope of the project.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
Sound Transit Funds	47,514	71,154	14,111	0	0	0	0	0	132,779
<b>Total:</b>	47,514	71,154	14,111	0	0	0	0	0	132,779
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	47,514	71,154	14,111	0	0	0	0	0	132,779
<b>Total*:</b>	47,514	71,154	14,111	0	0	0	0	0	132,779
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		71,155	14,111	0	0	0	0	0	85,266
<b>Total:</b>		71,155	14,111	0	0	0	0	0	85,266

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Freight Spot Improvement Program

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	TC365850	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	235	0	0	0	0	0	235
State Gas Taxes - Arterial City Street Fund	1,269	489	0	0	0	0	0	0	1,758
Rubble Yard Proceeds	0	845	190	0	0	0	0	0	1,035
<b>Total:</b>	1,269	1,334	425	0	0	0	0	0	3,028
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	235	0	0	0	0	0	235
Transportation Operating Fund	1,269	1,334	190	0	0	0	0	0	2,793
<b>Total*:</b>	1,269	1,334	425	0	0	0	0	0	3,028
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	235	0	0	0	0	0	235
Transportation Operating Fund		1,334	190	0	0	0	0	0	1,524
<b>Total:</b>		1,334	425	0	0	0	0	0	1,759

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Greenwood Avenue N Street Improvements

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2005
<b>Project ID:</b>	TC366380	<b>End Date:</b>	Q4/2013
<b>Location:</b>	Greenwood Ave N/N 105th St/N 112th St		
<b>Neighborhood Plan:</b>	Broadview-Bitter Lake-Haller Lake	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	Not in an Urban Village

This project widens the existing four lanes and adds a center two-way left-turn lane on Greenwood Avenue N between N 105th Street and N 112th Street. Improvements include parking, curb, planting strips, and concrete walkways on both sides of the street. All intersections are improved for pedestrian safety. Signals, street lighting, and drainage systems are upgraded as needed. There are minor close-out and landscape establishment costs in 2011-2013.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	305	0	0	0	0	0	0	0	305
Drainage and Wastewater Rates	142	0	0	0	0	0	0	0	142
Federal Grant Funds	1,387	0	0	0	0	0	0	0	1,387
City Light Fund Revenues	143	0	0	0	0	0	0	0	143
State Gas Taxes - Arterial City Street Fund	2,931	136	0	0	0	0	0	0	3,067
General Subfund Revenues	6	0	0	0	0	0	0	0	6
State Grant Funds	2,171	0	0	0	0	0	0	0	2,171
<b>Total:</b>	7,085	136	0	0	0	0	0	0	7,221
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	305	0	0	0	0	0	0	0	305
Transportation Operating Fund	6,780	136	0	0	0	0	0	0	6,916
<b>Total*:</b>	7,085	136	0	0	0	0	0	0	7,221
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Hazard Mitigation Program - Areaways

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC365480	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Pioneer Square	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Pioneer Square

This ongoing program implements inspection and repair of areaways in the Pioneer Square District 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	4,114	590	327	328	329	330	331	332	6,681
Federal Grant Funds	442	0	0	0	0	0	0	0	442
State Gas Taxes - Arterial City Street Fund	0	48	0	8	16	24	32	40	168
General Subfund Revenues	240	0	0	0	0	0	0	0	240
Partnership Funds	10	0	0	0	0	0	0	0	10
State Grant Funds	74	0	0	0	0	0	0	0	74
<b>Total:</b>	4,880	638	327	336	345	354	363	372	7,615
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,114	590	327	328	329	330	331	332	6,681
Transportation Operating Fund	766	48	0	8	16	24	32	40	934
<b>Total*:</b>	4,880	638	327	336	345	354	363	372	7,615
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		302	615	328	329	330	331	332	2,567
Transportation Operating Fund		48	0	8	16	24	32	40	168
<b>Total:</b>		350	615	336	345	354	363	372	2,735

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Hazard Mitigation Program - Landslide Mitigation Projects

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC365510	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	4,614	200	200	200	200	200	200	200	6,014
Emergency Subfund Revenues	347	52	0	0	0	0	0	0	399
Drainage and Wastewater Rates	49	0	0	0	0	0	0	0	49
Federal Grant Funds	679	458	0	0	0	0	0	0	1,137
State Gas Taxes - Arterial City Street Fund	809	342	212	216	221	227	240	253	2,520
General Subfund Revenues	1	0	0	0	0	0	0	0	1
<b>Total:</b>	6,499	1,052	412	416	421	427	440	453	10,120
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,614	200	200	200	200	200	200	200	6,014
Emergency Subfund	347	52	0	0	0	0	0	0	399
Transportation Operating Fund	1,538	800	212	216	221	227	240	253	3,707
<b>Total*:</b>	6,499	1,052	412	416	421	427	440	453	10,120
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		200	200	200	200	200	200	200	1,400
Transportation Operating Fund		852	212	216	221	227	240	253	2,221
<b>Total:</b>		1,052	412	416	421	427	440	453	3,621

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### 2014 - 2019 Proposed Capital Improvement Program



# Seattle Department of Transportation

## King Street Station Multimodal Terminal

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2007
<b>Project ID:</b>	TC366810	<b>End Date:</b>	Q4/2013
<b>Location:</b>	303 S Jackson St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Pioneer Square

This project transforms the King Street Station into a transportation hub connecting express bus, commuter train, and light rail service. This project restores the historic character of the landmark King Street Station, incorporating sustainable features in compliance with the City's Sustainable Building Policy.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Street Vacations	2,000	0	0	0	0	0	0	0	2,000
Federal Grant Funds	11,655	1,032	0	0	0	0	0	0	12,687
State Gas Taxes - Arterial City Street Fund	20	0	10	0	0	0	0	0	30
General Subfund Revenues	195	0	0	0	0	0	0	0	195
King County Funds	23	6	0	0	0	0	0	0	29
Partnership Funds	15	0	0	0	0	0	0	0	15
Private Funding/Donations	232	1	0	0	0	0	0	0	233
State Grant Funds	21,937	9,094	0	0	0	0	0	0	31,031
2008 Multipurpose LTGO Bond Fund	3,274	0	0	0	0	0	0	0	3,274
2009 Multipurpose LTGO Bond Fund	1,714	0	0	0	0	0	0	0	1,714
2010 Multipurpose LTGO Bond Fund	1,001	0	0	0	0	0	0	0	1,001
2011 Multipurpose LTGO bond Fund	4,011	0	0	0	0	0	0	0	4,011
<b>Total:</b>	46,077	10,133	10	0	0	0	0	0	56,220
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	2,000	0	0	0	0	0	0	0	2,000
Transportation Operating Fund	34,077	10,133	10	0	0	0	0	0	44,220
2008 Multipurpose LTGO Bond Fund	3,274	0	0	0	0	0	0	0	3,274
2009 Multipurpose LTGO Bond Fund	1,714	0	0	0	0	0	0	0	1,714
2010 Multipurpose LTGO Bond Fund	1,001	0	0	0	0	0	0	0	1,001
2011 Multipurpose LTGO Bond Fund	4,011	0	0	0	0	0	0	0	4,011
<b>Total*:</b>	46,077	10,133	10	0	0	0	0	0	56,220

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

O & M Costs (Savings)	51	52	53	54	55	56	321
<b>Spending Plan by Fund</b>							
Cumulative Reserve Subfund - Street Vacation Subaccount	0	0	0	0	0	0	0
Transportation Operating Fund	10,132	10	0	0	0	0	10,142
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0
2011 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0
<b>Total:</b>	10,132	10	0	0	0	0	10,142

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Lake Union Ship Canal Trail

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1990
<b>Project ID:</b>	TC327000	<b>End Date:</b>	Q2/2014
<b>Location:</b>	W Nickerson St/6th Ave W/15th Ave W		
<b>Neighborhood Plan:</b>	Queen Anne	<b>Neighborhood Plan Matrix:</b>	T11
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	629	0	0	0	0	0	0	0	629
Drainage and Wastewater Rates	86	0	0	0	0	0	0	0	86
Federal Grant Funds	3,668	0	0	0	0	0	0	0	3,668
Transportation Funding Package - Lid Lift	270	0	0	0	0	0	0	0	270
City Light Fund Revenues	30	0	0	0	0	0	0	0	30
State Gas Taxes - Arterial City Street Fund	36	0	0	0	0	0	0	0	36
State Gas Taxes - City Street Fund	124	0	0	0	0	0	0	0	124
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	1,147	63	0	0	0	0	0	0	1,210
2009 Multipurpose LTGO Bond Fund	1,019	0	0	0	0	0	0	0	1,019
<b>Total:</b>	9,648	63	0	0	0	0	0	0	9,711
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	629	0	0	0	0	0	0	0	629
Transportation Operating Fund	4,799	0	0	0	0	0	0	0	4,799
Open Spaces & Trails Bond Fund	2,054	0	0	0	0	0	0	0	2,054
2000 Parks Levy Fund	1,147	63	0	0	0	0	0	0	1,210
2009 Multipurpose LTGO Bond Fund	1,019	0	0	0	0	0	0	0	1,019
<b>Total*:</b>	9,648	63	0	0	0	0	0	0	9,711

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

<b>O &amp; M Costs (Savings)</b>	20	20	20	20	0	0	80
 <b>Spending Plan by Fund</b>							
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0
Transportation Operating Fund	0	0	0	0	0	0	0
Open Spaces & Trails Bond Fund	0	0	0	0	0	0	0
2000 Parks Levy Fund	40	23	0	0	0	0	63
2009 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0
<b>Total:</b>	40	23	0	0	0	0	63

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Left Turn Signals

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC323130	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This ongoing project improves three to five left-turn signals each year at locations with high left-turn collision occurrences and/or high volume locations where left turns are challenging to make. The Department established this project in 1992 to reduce collisions and meet state regulatory requirements. Locations are selected based on collisions and volume data.

	<b>LTD</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
	<b>Actuals</b>	<b>Rev</b>							
<b>Revenue Sources</b>									
Vehicle Licensing Fees	52	0	0	0	0	0	0	0	52
Federal Grant Funds	462	0	0	0	0	0	0	0	462
Transportation Funding Package - Parking Tax	235	1	30	113	116	119	123	128	865
Transportation Funding Package - Lid Lift	628	195	173	96	99	102	105	107	1,505
State Gas Taxes - Arterial City Street Fund	1,095	4	0	0	0	0	0	0	1,099
State Gas Taxes - City Street Fund	399	0	0	0	0	0	0	0	399
General Subfund Revenues	675	0	0	0	0	0	0	0	675
Private Funding/Donations	50	0	0	0	0	0	0	0	50
<b>Total:</b>	3,596	200	203	209	215	221	228	235	5,107
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	3,596	200	203	209	215	221	228	235	5,107
<b>Total*:</b>	3,596	200	203	209	215	221	228	235	5,107
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		200	203	209	215	221	228	235	1,511
<b>Total:</b>		200	203	209	215	221	228	235	1,511

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Linden Avenue North Complete Streets

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	TC366930	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Linden Ave N/N 128th St/N 145th St		
<b>Neighborhood Plan:</b>	Broadview-Bitter Lake-Haller Lake	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	730	1,350	0	0	0	0	0	0	2,080
Street Vacations	400	0	0	0	0	0	0	0	400
Transportation Funding Package - Parking Tax	902	0	0	0	0	0	0	0	902
City Light Fund Revenues	36	0	0	0	0	0	0	0	36
2011 Multipurpose LTGO bond Fund	0	1,750	0	0	0	0	0	0	1,750
2012 Multipurpose LTGO Bond Fund	5,085	0	0	0	0	0	0	0	5,085
<b>Total:</b>	7,153	3,100	0	0	0	0	0	0	10,253
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	730	1,350	0	0	0	0	0	0	2,080
Cumulative Reserve Subfund - Street Vacation Subaccount	400	0	0	0	0	0	0	0	400
Transportation Operating Fund	938	0	0	0	0	0	0	0	938
2011 Multipurpose LTGO Bond Fund	0	1,750	0	0	0	0	0	0	1,750
2012 Multipurpose LTGO Bond Fund	5,085	0	0	0	0	0	0	0	5,085
<b>Total*:</b>	7,153	3,100	0	0	0	0	0	0	10,253
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,250	40	30	30	0	0	0	1,350
2011 Multipurpose LTGO Bond Fund	1,750	0	0	0	0	0	0	1,750
<b>Total:</b>	3,000	40	30	30	0	0	0	3,100

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Madison Street Bus Rapid Transit

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	TC367480	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Madison ST/Alaskan WAY/Martin Luther King Junior WAY E		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	150	0	0	0	0	0	0	150
Vehicle Licensing Fees	0	0	1,000	0	0	0	0	0	1,000
Transportation Funding Package - Lid Lift	0	350	500	0	0	0	0	0	850
<b>Total:</b>	0	500	1,500	0	0	0	0	0	2,000
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	150	0	0	0	0	0	0	150
Transportation Operating Fund	0	350	1,500	0	0	0	0	0	1,850
<b>Total*:</b>	0	500	1,500	0	0	0	0	0	2,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	150	0	0	0	0	0	150
Transportation Operating Fund		200	1,650	0	0	0	0	0	1,850
<b>Total:</b>		200	1,800	0	0	0	0	0	2,000

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Seattle Department of Transportation

## Magnolia Bridge Replacement Project

<b>BCL/Program Name:</b>	Major Projects	<b>BCL/Program Code:</b>	19002
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2002
<b>Project ID:</b>	TC366060	<b>End Date:</b>	TBD
<b>Location:</b>	W Garfield St/15th Ave W/Thorndyke Ave W		
<b>Neighborhood Plan:</b>	BINMIC (Ballard Interbay Northend)	<b>Neighborhood Plan Matrix:</b>	T-21
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	209	130	0	0	0	0	0	0	339
Street Vacations	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	0	211	0	0	0	0	0	0	211
Transportation Funding Package - Business Transportation Tax	0	84	0	0	0	0	0	0	84
State Gas Taxes - Arterial City Street Fund	106	0	0	0	0	0	0	0	106
State Gas Taxes - City Street Fund	8	0	0	0	0	0	0	0	8
General Subfund Revenues	53	0	0	0	0	0	0	0	53
<b>Total:</b>	9,466	425	0	0	0	0	0	0	9,891
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	209	130	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	9,217	295	0	0	0	0	0	0	9,512
<b>Total*:</b>	9,466	425	0	0	0	0	0	0	9,891
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Mercer Corridor Project

<b>BCL/Program Name:</b>	Major Projects	<b>BCL/Program Code:</b>	19002
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	TC365500	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Mercer St/Fairview Ave N/Dexter Ave N		
<b>Neighborhood Plan:</b>	South Lake Union	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
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*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### 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	1,344	115	0	0	0	0	0	0	1,459
Federal Grant Funds	6,832	4,014	0	0	0	0	0	0	10,846
Transportation Funding Package - Parking Tax	2,755	157	0	0	0	0	0	0	2,912
Transportation Funding Package - Lid Lift	0	3,800	0	0	0	0	0	0	3,800
City Light Fund Revenues	4,881	1,050	0	0	0	0	0	0	5,931
State Gas Taxes - Arterial City Street Fund	950	0	0	0	0	0	0	0	950
State Gas Taxes - City Street Fund	200	0	0	0	0	0	0	0	200
General Subfund Revenues	194	0	0	0	0	0	0	0	194
Private Funding/Donations	23,274	10,326	0	0	0	0	0	0	33,600
Water Rates	1,414	517	0	0	0	0	0	0	1,931
Federal ARRA Funds: FHWA Highway Infrastructure Investment	21,759	8,241	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	37,689	685	0	0	0	0	0	0	38,374
2010 Multipurpose LTGO Bond Fund	0	3,100	0	0	0	0	0	0	3,100
2012 Multipurpose LTGO Bond Fund	0	5,000	0	0	0	0	0	0	5,000
<b>Total:</b>	<b>127,975</b>	<b>37,005</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>164,980</b>

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	361	0	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	0	50
Transportation Operating Fund	63,603	28,220	0	0	0	0	0	0	0	91,823
2005 LTGO Capital Project Fund	1,912	0	0	0	0	0	0	0	0	1,912
Transportation Bond Fund	4,560	0	0	0	0	0	0	0	0	4,560
2002B LTGO Capital Project Fund	400	0	0	0	0	0	0	0	0	400
2003 LTGO Capital Project Fund	600	0	0	0	0	0	0	0	0	600
2006 LTGO Capital Projects Fund	2,500	0	0	0	0	0	0	0	0	2,500
2007 Multipurpose LTGO Bond Fund	16,300	0	0	0	0	0	0	0	0	16,300
2008 Multipurpose LTGO Bond Fund	37,689	685	0	0	0	0	0	0	0	38,374
2010 Multipurpose LTGO Bond Fund	0	3,100	0	0	0	0	0	0	0	3,100
2012 Multipurpose LTGO Bond Fund	0	5,000	0	0	0	0	0	0	0	5,000
<b>Total*:</b>	127,975	37,005	0	0	0	0	0	0	0	164,980
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	0	0	0	0	0
Cumulative Reserve Subfund - South Lake Union Property Proceeds Subaccount	0	0	0	0	0	0	0	0
Transportation Operating Fund	25,215	2,905	50	50	0	0	0	28,220
2005 LTGO Capital Project Fund	0	0	0	0	0	0	0	0
Transportation Bond Fund	0	0	0	0	0	0	0	0
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
2006 LTGO Capital Projects Fund	0	0	0	0	0	0	0	0
2007 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2008 Multipurpose LTGO Bond Fund	685	0	0	0	0	0	0	685
2010 Multipurpose LTGO Bond Fund	3,100	0	0	0	0	0	0	3,100
2012 Multipurpose LTGO Bond Fund	5,000	0	0	0	0	0	0	5,000
<b>Total:</b>	<b>34,000</b>	<b>2,905</b>	<b>50</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>37,005</b>

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Mercer Corridor Project West Phase

<b>BCL/Program Name:</b>	Major Projects	<b>BCL/Program Code:</b>	19002
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	TC367110	<b>End Date:</b>	Q4/2017
<b>Location:</b>	Mercer ST/Elliott AVE W/Dexter AVE N		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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 Aurora and Queen Anne Ave., will also be converted to a two-way street with on-road bicycle lanes.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	92	331	461	171	0	0	0	0	1,055
Federal Grant Funds	1,190	5,699	1,260	0	0	0	0	0	8,149
City Light Fund Revenues	205	1,745	983	800	0	0	0	0	3,733
King County Funds	8	63	574	196	0	0	0	0	841
State Grant Funds	127	5,520	372	0	0	0	0	0	6,019
Property Sales and Interest Earnings	0	0	1,977	24,217	3,949	50	0	0	30,193
Water Rates	87	320	216	216	0	0	0	0	839
Federal ARRA Funds: FHWA Highway Infrastructure Investment	0	7,000	7,000	0	0	0	0	0	14,000
Rubble Yard Proceeds	0	100	0	0	0	0	0	0	100
2010 Multipurpose LTGO Bond Fund	9,000	0	0	0	0	0	0	0	9,000
2011 Multipurpose LTGO bond Fund	2,418	10,415	0	0	0	0	0	0	12,833
2014 Multipurpose LTGO Bond Fund	0	0	8,378	0	0	0	0	0	8,378
<b>Total:</b>	13,127	31,193	21,221	25,600	3,949	50	0	0	95,140
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	1,709	20,778	12,843	25,600	3,949	50	0	0	64,929
2010 Multipurpose LTGO Bond Fund	9,000	0	0	0	0	0	0	0	9,000
2011 Multipurpose LTGO Bond Fund	2,418	10,415	0	0	0	0	0	0	12,833
2014 Multipurpose LTGO Bond Fund	0	0	8,378	0	0	0	0	0	8,378
<b>Total*:</b>	13,127	31,193	21,221	25,600	3,949	50	0	0	95,140

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

O & M Costs (Savings) 0      0      0      0      0      0      0

### Spending Plan by Fund

Transportation Operating Fund	16,087	15,534	27,600	3,949	50	0	0	63,221
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2011 Multipurpose LTGO Bond Fund	10,415	0	0	0	0	0	0	10,415
2014 Multipurpose LTGO Bond Fund	0	8,378	0	0	0	0	0	8,378
<b>Total:</b>	26,502	23,912	27,600	3,949	50	0	0	82,014

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Miscellaneous, Unforeseen, and Emergencies

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC320030	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	388	0	0	0	0	0	0	0	388
Federal Grant Funds	104	0	0	0	0	0	0	0	104
State Gas Taxes - Arterial City Street Fund	339	0	0	0	0	0	0	0	339
General Subfund Revenues	292	0	0	0	0	0	0	0	292
Private Funding/Donations	0	808	0	0	0	0	0	0	808
Street Vacations	0	1,128	0	0	0	0	0	0	1,128
<b>Total:</b>	1,123	1,936	0	0	0	0	0	0	3,059
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	388	0	0	0	0	0	0	0	388
Transportation Operating Fund	735	1,936	0	0	0	0	0	0	2,671
<b>Total*:</b>	1,123	1,936	0	0	0	0	0	0	3,059
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



# Seattle Department of Transportation

## Mountains to Sound Greenway Trail

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2000
<b>Project ID:</b>	TC365750	<b>End Date:</b>	Q4/2014
<b>Location:</b>	TP-28 4th Ave. S/S Royal Brougham Way		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	TP-28
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Street Vacations	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	1,274	68	0	0	0	0	0	0	1,342
<b>Total:</b>	1,604	68	0	0	0	0	0	0	1,672
<b>Fund Appropriations/Allocations</b>									
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	1,274	68	0	0	0	0	0	0	1,342
<b>Total*:</b>	1,604	68	0	0	0	0	0	0	1,672
<b>O &amp; M Costs (Savings)</b>			20	20	20	20	21	22	123
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		38	30	0	0	0	0	0	68
<b>Total:</b>		38	30	0	0	0	0	0	68

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Multi-Modal Corridor Development

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	TC367490	<b>End Date:</b>	Q3/2015
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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 and East Marginal Way. These corridors align with existing efforts, such as transit program improvements and corridor planning, and needs. Candidate corridors for 2015 are Delridge Way, Yesler Way, 1st Avenue, Aurora Avenue.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Parking Tax	0	0	776	799	0	0	0	0	1,575
<b>Total:</b>	0	0	776	799	0	0	0	0	1,575
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	776	799	0	0	0	0	1,575
<b>Total*:</b>	0	0	776	799	0	0	0	0	1,575

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Neighborhood Large Projects

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC367250	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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. Prior to 2013, the elements of this project were included in the NSF/CRS Neighborhood Program. Beginning in 2013, the NSF/CRS Neighborhood Program will only reflect improvements that can be completed by City crews, and improvements that are contracted out will be covered by this project.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Parking Tax	0	1,000	0	0	0	0	0	0	1,000
Transportation Funding Package - Lid Lift	0	1,836	1,882	1,929	1,967	2,016	2,077	2,700	14,407
<b>Total:</b>	0	2,836	1,882	1,929	1,967	2,016	2,077	2,700	15,407
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	2,836	1,882	1,929	1,967	2,016	2,077	2,700	15,407
<b>Total*:</b>	0	2,836	1,882	1,929	1,967	2,016	2,077	2,700	15,407
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Neighborhood Traffic Control Program

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC323250	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	298	298	0	0	0	0	596
Property Sales and Interest Earnings	253	0	0	0	0	0	0	0	253
Vehicle Licensing Fees	1,181	198	0	0	298	298	298	298	2,571
Federal Grant Funds	37	0	0	0	0	0	0	0	37
State Gas Taxes - Arterial City Street Fund	2,326	0	0	0	0	0	0	0	2,326
State Gas Taxes - City Street Fund	2,064	0	0	0	0	0	0	0	2,064
General Subfund Revenues	384	0	0	0	0	0	0	0	384
Rubble Yard Proceeds	56	348	202	0	0	0	0	0	606
<b>Total:</b>	6,301	546	500	298	298	298	298	298	8,837
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	298	298	0	0	0	0	596
Cumulative Reserve Subfund - Unrestricted Subaccount	253	0	0	0	0	0	0	0	253
Transportation Operating Fund	6,048	546	202	0	298	298	298	298	7,988
<b>Total*:</b>	6,301	546	500	298	298	298	298	298	8,837
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	298	298	0	0	0	0	596
Cumulative Reserve Subfund - Unrestricted Subaccount		0	0	0	0	0	0	0	0
Transportation Operating Fund		546	202	0	298	298	298	298	1,940
<b>Total:</b>		546	500	298	298	298	298	298	2,536

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## New Traffic Signals

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC323610	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This ongoing project installs new traffic signals to improve traffic flow, reduce the frequency and severity of traffic collisions, and support pedestrian activity. Location choices are based upon pedestrian and vehicle volumes; school, senior citizen, and handicapped accessible crossing requirements; and collisions frequency criteria. More than half of the new signal needs are to support pedestrian mobility and safety. SDOT has adopted new “pedestrian friendly” criteria for installation of new pedestrian signals, which has resulted in more locations being added to the unfunded list for new signals.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	150	0	0	0	0	0	150
Federal Grant Funds	757	0	0	0	0	0	0	0	757
Transportation Funding Package - Parking Tax	60	40	0	0	0	0	0	0	100
Transportation Funding Package - Lid Lift	1,777	321	335	287	295	303	312	321	3,951
State Gas Taxes - Arterial City Street Fund	1,520	0	0	0	0	0	0	0	1,520
State Gas Taxes - City Street Fund	1,252	0	0	0	0	0	0	0	1,252
General Subfund Revenues	262	0	0	0	0	0	0	0	262
State Grant Funds	0	585	0	0	0	0	0	0	585
<b>Total:</b>	5,628	946	485	287	295	303	312	321	8,577
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	150	0	0	0	0	0	150
Transportation Operating Fund	5,628	946	335	287	295	303	312	321	8,427
<b>Total*:</b>	5,628	946	485	287	295	303	312	321	8,577
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Next Generation Intelligent Transportation Systems (ITS)

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q3/2013
<b>Project ID:</b>	TC367430	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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).

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	1,625	1,625	0	0	0	0	3,250
Transportation Funding Package - Parking Tax	0	500	0	0	0	0	0	0	500
Transportation Funding Package - Lid Lift	0	0	900	110	0	0	0	0	1,010
<b>Total:</b>	0	500	2,525	1,735	0	0	0	0	4,760
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	1,625	1,625	0	0	0	0	3,250
Transportation Operating Fund	0	500	900	110	0	0	0	0	1,510
<b>Total*:</b>	0	500	2,525	1,735	0	0	0	0	4,760
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Non-Arterial Asphalt Street Resurfacing

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC323920	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,060	650	1,150	475	650	650	650	650	5,935
Real Estate Excise Tax I	0	0	1,000	675	0	0	0	0	1,675
Transportation Funding Package - Business Transportation Tax	0	115	0	0	0	0	0	0	115
State Gas Taxes - Arterial City Street Fund	475	4	124	132	135	138	142	146	1,296
State Gas Taxes - City Street Fund	499	0	0	0	0	0	0	0	499
General Subfund Revenues	48	0	0	0	0	0	0	0	48
<b>Total:</b>	<b>2,082</b>	<b>769</b>	<b>2,274</b>	<b>1,282</b>	<b>785</b>	<b>788</b>	<b>792</b>	<b>796</b>	<b>9,568</b>
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,060	650	1,150	475	650	650	650	650	5,935
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	1,000	675	0	0	0	0	1,675
Transportation Operating Fund	1,022	119	124	132	135	138	142	146	1,958
<b>Total*:</b>	<b>2,082</b>	<b>769</b>	<b>2,274</b>	<b>1,282</b>	<b>785</b>	<b>788</b>	<b>792</b>	<b>796</b>	<b>9,568</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	650	1,150	475	650	650	650	650	4,875
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	1,000	675	0	0	0	0	1,675
Transportation Operating Fund	119	124	132	135	138	142	146	936
<b>Total:</b>	769	2,274	1,282	785	788	792	796	7,486

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Seattle Department of Transportation

## Non-Arterial Concrete Rehabilitation

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC323160	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	953	500	1,150	475	500	500	500	500	5,078
Real Estate Excise Tax I	0	0	0	675	0	0	0	0	675
Vehicle Licensing Fees	178	159	0	0	150	150	150	150	937
Transportation Funding Package - Business Transportation Tax	0	250	0	0	0	0	0	0	250
State Gas Taxes - Arterial City Street Fund	1,021	7	260	270	276	283	291	320	2,728
State Gas Taxes - City Street Fund	341	0	0	0	0	0	0	0	341
<b>Total:</b>	2,493	916	1,410	1,420	926	933	941	970	10,009
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	953	500	1,150	475	500	500	500	500	5,078
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	675	0	0	0	0	675
Transportation Operating Fund	1,540	416	260	270	426	433	441	470	4,256
<b>Total*:</b>	2,493	916	1,410	1,420	926	933	941	970	10,009
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	500	1,150	475	500	500	500	500	4,125
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	675	0	0	0	0	675
Transportation Operating Fund	416	260	270	426	433	441	470	2,716
<b>Total:</b>	916	1,410	1,420	926	933	941	970	7,516

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## NSF/CRS Neighborhood Program

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC365770	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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; and a triennial program that identifies projects estimated between \$100,000 and \$500,000 that are prioritized by the community at large and a project review team. 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. Beginning in 2013, the NSF/CRS Neighborhood Program will only reflect improvements that can be completed by City crews, and improvements that are contracted out will be covered by a new project named Neighborhood Large Projects.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
Real Estate Excise Tax II	11,064	1,017	794	0	0	0	0	0	12,875
Real Estate Excise Tax I	257	0	0	0	0	0	0	0	257
Vehicle Licensing Fees	100	0	0	0	0	0	0	0	100
Drainage and Wastewater Rates	17	64	0	0	0	0	0	0	81
Federal Grant Funds	736	170	0	0	0	0	0	0	906
Transportation Funding Package - Parking Tax	251	757	0	0	0	0	0	0	1,008
Transportation Funding Package - Lid Lift	9,750	824	279	187	0	0	0	0	11,040
State Gas Taxes - Arterial City Street Fund	1,617	90	0	101	295	303	312	321	3,039
State Gas Taxes - City Street Fund	426	0	0	0	0	0	0	0	426
General Subfund Revenues	1,855	460	0	0	0	0	0	0	2,315
Miscellaneous Grants or Donations	98	0	0	0	0	0	0	0	98
Private Funding/Donations	90	0	0	0	0	0	0	0	90
State Grant Funds	75	0	0	0	0	0	0	0	75
<b>Total:</b>	<b>26,336</b>	<b>3,382</b>	<b>1,073</b>	<b>288</b>	<b>295</b>	<b>303</b>	<b>312</b>	<b>321</b>	<b>32,310</b>

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	11,064	1,017	794	0	0	0	0	0	12,875
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	257	0	0	0	0	0	0	0	257
Transportation Operating Fund	15,015	2,365	279	288	295	303	312	321	19,178
<b>Total*:</b>	26,336	3,382	1,073	288	295	303	312	321	32,310

**O & M Costs (Savings)** 0

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,017	794	0	0	0	0	0	0	1,811
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
Transportation Operating Fund	2,365	279	288	295	303	312	321	321	4,163
<b>Total:</b>	3,382	1,073	288	295	303	312	321	321	5,974

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Pay Stations

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	TC366350	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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 reach the end of their ten-year lifecycle in 2014. Replacement of older pay stations with new units will begin in 2014.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Subfund Revenues	0	0	1,263	4,175	5,300	0	0	0	10,738
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
<b>Total:</b>	17,914	0	1,263	4,175	5,300	0	0	0	28,652
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	1,263	4,175	5,300	0	0	0	10,738
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
<b>Total*:</b>	17,914	0	1,263	4,175	5,300	0	0	0	28,652
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Pedestrian Master Plan - School Safety

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC367170	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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 installation and 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. The School Zone Fixed Automated Camera (SZFAC) Fund provides improvements at approximately sixteen additional schools in 2014. 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	4,616	36	0	0	0	0	0	4,652
Federal Grant Funds	82	2,250	0	0	0	0	0	0	2,332
Transportation Funding Package - Lid Lift	1,370	821	767	789	810	838	863	889	7,147
General Subfund Revenues	0	320	0	0	0	0	0	0	320
State Grant Funds	270	0	0	0	0	0	0	0	270
School Camera Ticket Revenues	0	0	6,599	0	0	0	0	0	6,599
<b>Total:</b>	1,722	8,007	7,402	789	810	838	863	889	21,320
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	4,616	36	0	0	0	0	0	4,652
Transportation Operating Fund	1,722	3,391	767	789	810	838	863	889	10,069
School Zone Fixed Automated Cameras Fund	0	0	6,599	0	0	0	0	0	6,599
<b>Total*:</b>	1,722	8,007	7,402	789	810	838	863	889	21,320
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Pedestrian Master Plan Implementation

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	TC367150	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This ongoing program implements the Pedestrian Master Plan. Typical improvements may include the construction of new sidewalks, 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. This program supports Walk Bike Ride by implementing the Pedestrian Master Plan.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	4,117	1,482	6,902	8,138	49	49	49	49	20,835
Real Estate Excise Tax I	188	0	0	0	0	0	0	0	188
Vehicle Licensing Fees	1,180	1,180	0	0	1,380	1,380	1,380	1,380	7,880
Federal Grant Funds	216	29	0	0	0	0	0	0	245
Transportation Funding Package - Parking Tax	5,804	1,480	0	0	1,277	1,323	1,363	1,403	12,650
Transportation Funding Package - Business Transportation Tax	456	19	0	0	0	0	0	0	475
Transportation Funding Package - Lid Lift	10,209	2,679	2,320	2,959	3,036	3,132	3,261	3,359	30,955
State Gas Taxes - Arterial City Street Fund	2,973	636	285	326	334	357	365	376	5,652
General Subfund Revenues	633	246	0	0	0	0	0	0	879
King County Funds	0	299	0	0	0	0	0	0	299
Partnership Funds	0	5	0	0	0	0	0	0	5
State Grant Funds	256	1,443	0	0	0	0	0	0	1,699
Rubble Yard Proceeds	0	717	0	0	0	0	0	0	717
2011 Multipurpose LTGO bond Fund	0	1,191	0	0	0	0	0	0	1,191
<b>Total:</b>	26,032	11,406	9,507	11,423	6,076	6,241	6,418	6,567	83,670

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	4,117	1,482	6,902	8,138	49	49	49	49	20,835
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	188	0	0	0	0	0	0	0	188
Transportation Operating Fund	21,727	8,733	2,605	3,285	6,027	6,192	6,369	6,518	61,456
2011 Multipurpose LTGO Bond Fund	0	1,191	0	0	0	0	0	0	1,191
<b>Total*:</b>	26,032	11,406	9,507	11,423	6,076	6,241	6,418	6,567	83,670

**O & M Costs (Savings)** 0 0 0 0 0 0 0 0 0

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,482	6,902	8,138	49	49	49	49	16,718
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0
Transportation Operating Fund	8,733	2,605	3,285	6,027	6,192	6,369	6,518	39,729
2011 Multipurpose LTGO Bond Fund	1,191	0	0	0	0	0	0	1,191
<b>Total:</b>	11,406	9,507	11,423	6,076	6,241	6,418	6,567	57,638

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## 2014 - 2019 Proposed Capital Improvement Program



# Seattle Department of Transportation

## Railroad Crossing Signal Improvements

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	TC367090	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Broad St B/Alaskan Way/Elliott Ave		
<b>Neighborhood Plan:</b>	Commercial Core	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Street Vacations	2,674	744	100	0	0	0	0	0	3,518
<b>Total:</b>	2,674	744	100	0	0	0	0	0	3,518
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount	2,674	744	100	0	0	0	0	0	3,518
<b>Total*:</b>	2,674	744	100	0	0	0	0	0	3,518
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Street Vacation Subaccount		0	844	0	0	0	0	0	844
<b>Total:</b>		0	844	0	0	0	0	0	844

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Retaining Wall Repair and Restoration

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC365890	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	2,355	221	212	212	212	212	212	212	3,848
Real Estate Excise Tax I	286	0	0	0	0	0	0	0	286
Transportation Funding Package - Parking Tax	0	700	0	0	0	0	0	0	700
State Gas Taxes - 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
<b>Total:</b>	3,946	921	212	212	212	212	212	212	6,139
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,355	221	212	212	212	212	212	212	3,848
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	286	0	0	0	0	0	0	0	286
Transportation Operating Fund	1,175	700	0	0	0	0	0	0	1,875
Transportation Bond Fund	130	0	0	0	0	0	0	0	130
<b>Total*:</b>	3,946	921	212	212	212	212	212	212	6,139
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		221	212	212	212	212	212	212	1,493
Transportation Operating Fund		700	0	0	0	0	0	0	700
<b>Total:</b>		921	212	212	212	212	212	212	2,193

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Rubble Yard Facilities Relocation

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2012
<b>Project ID:</b>	TC367340	<b>End Date:</b>	Q4/2012
<b>Location:</b>	12600 Stone AVE N		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	Not in an Urban Village

This project will fund the relocation of the rubble yard facilities necessitated by the 2011 sale of the City's rubble yard property to the State of Washington. The facilities will be distributed between the Department of Transportation's Charles Street and Haller Lake locations.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Rubble Yard Proceeds	723	172	0	0	0	0	0	0	895
<b>Total:</b>	723	172	0	0	0	0	0	0	895
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	723	172	0	0	0	0	0	0	895
<b>Total*:</b>	723	172	0	0	0	0	0	0	895
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		172	0	0	0	0	0	0	172
<b>Total:</b>		172	0	0	0	0	0	0	172

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## S Lander St. Grade Separation

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	TC366150	<b>End Date:</b>	TBD
<b>Location:</b>	S Lander St/1st Ave S/4th Ave S		
<b>Neighborhood Plan:</b>	Duwamish	<b>Neighborhood Plan Matrix:</b>	TP-2
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
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	60	0	0	0	0	0	0	0	60
State Gas Taxes - City Street Fund	125	0	0	0	0	0	0	0	125
2008 Multipurpose LTGO Bond Fund	2,213	0	0	0	0	0	0	0	2,213
<b>Total:</b>	2,533	0	0	0	0	0	0	0	2,533
<b>Fund Appropriations/Allocations</b>									
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
<b>Total*:</b>	2,533	0	0	0	0	0	0	0	2,533
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Safety and Maintenance Project

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q3/2013
<b>Project ID:</b>	TC367520	<b>End Date:</b>	TBD
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Subfund Revenues	0	348	0	0	0	0	0	0	348
Commercial Parking Tax	0	1,743	0	0	0	0	0	0	1,743
<b>Total:</b>	0	2,091	0	0	0	0	0	0	2,091

<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	2,091	0	0	0	0	0	0	2,091
<b>Total*:</b>	0	2,091	0	0	0	0	0	0	2,091

<b>Spending Plan by Fund</b>									
Transportation Operating Fund		50	2,041	0	0	0	0	0	2,091
<b>Total:</b>		50	2,041	0	0	0	0	0	2,091

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Sidewalk Safety Repair

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC365120	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	2,217	0	0	0	0	0	0	0	2,217
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	8,994	2,177	2,287	995	2,037	2,088	2,151	2,215	22,944
State Gas Taxes - Arterial City Street Fund	0	56	39	52	0	0	0	0	147
State Gas Taxes - City Street Fund	601	0	0	0	0	0	0	0	601
General Subfund Revenues	3	0	0	0	0	0	0	0	3
Partnership Funds	26	0	0	0	0	0	0	0	26
<b>Total:</b>	12,158	2,233	2,326	1,047	2,037	2,088	2,151	2,215	26,255
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	2,217	0	0	0	0	0	0	0	2,217
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	247	0	0	0	0	0	0	0	247
Transportation Operating Fund	9,694	2,233	2,326	1,047	2,037	2,088	2,151	2,215	23,791
<b>Total*:</b>	12,158	2,233	2,326	1,047	2,037	2,088	2,151	2,215	26,255
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### 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	0	0	0	0	0	0	0	0
Transportation Operating Fund	2,233	2,326	1,047	2,037	2,088	2,151	2,215	14,097
<b>Total:</b>	2,233	2,326	1,047	2,037	2,088	2,151	2,215	14,097

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Sound Transit - East Link

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2013
<b>Project ID:</b>	TC367410	<b>End Date:</b>	TBD
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Sound Transit Funds	0	100	100	100	100	100	100	100	700
<b>Total:</b>	0	100	100	100	100	100	100	100	700
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	100	100	100	100	100	100	100	700
<b>Total*:</b>	0	100	100	100	100	100	100	100	700
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



# Seattle Department of Transportation

## Sound Transit - University Link

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	TC367040	<b>End Date:</b>	Q4/2015
<b>Location:</b>	TBD		
<b>Neighborhood Plan:</b>	University	<b>Neighborhood Plan Matrix:</b>	B1
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Sound Transit Funds	947	169	0	101	0	0	0	0	1,217
<b>Total:</b>	947	169	0	101	0	0	0	0	1,217
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	947	169	0	101	0	0	0	0	1,217
<b>Total*:</b>	947	169	0	101	0	0	0	0	1,217
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		40	115	115	0	0	0	0	270
<b>Total:</b>		40	115	115	0	0	0	0	270

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Sound Transit North Link

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q4/2011
<b>Project ID:</b>	TC367190	<b>End Date:</b>	Q4/2020
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Sound Transit Funds	129	271	252	163	274	163	166	157	1,575
<b>Total:</b>	129	271	252	163	274	163	166	157	1,575
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	129	271	252	163	274	163	166	157	1,575
<b>Total*:</b>	129	271	252	163	274	163	166	157	1,575
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		271	252	163	274	163	166	157	1,447
<b>Total:</b>		271	252	163	274	163	166	157	1,447

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Sound Transit North Link Station Bike and Pedestrian Improvements

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	TC367350	<b>End Date:</b>	TBD
<b>Location:</b>	TBD		
<b>Neighborhood Plan:</b>	Northgate	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	North	<b>Urban Village:</b>	Northgate

This project will construct pedestrian and bicycle improvements to enhance access to the planned Sound Transit Light Rail station at Northgate. The improvements include a cycle track along 1st Avenue NE that is planned to begin design in 2013, and additional pedestrian and bicycle improvements that will begin design in 2015.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	0	0	0	3,984	1,016	0	0	0	5,000
Federal Grant Funds	0	717	0	0	0	0	0	0	717
Transportation Funding Package - Lid Lift	0	100	0	0	0	0	0	0	100
To be determined	0	0	0	0	2,981	15,000	1,770	0	19,751
<b>Total:</b>	0	817	0	3,984	3,997	15,000	1,770	0	25,568
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	0	0	0	3,984	1,016	0	0	0	5,000
Transportation Operating Fund	0	817	0	0	0	0	0	0	817
<b>Total*:</b>	0	817	0	3,984	1,016	0	0	0	5,817
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	0	2,750	2,250	0	0	0	5,000
Transportation Operating Fund		410	407	0	0	0	0	0	817
<b>Total:</b>		410	407	2,750	2,250	0	0	0	5,817

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## South Lake Union Streetcar

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	TC367400	<b>End Date:</b>	Q3/2014
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	South Lake Union	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Partnership Funds	0	2,053	1,680	0	0	0	0	0	3,733
<b>Total:</b>	0	2,053	1,680	0	0	0	0	0	3,733
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	2,053	1,680	0	0	0	0	0	3,733
<b>Total*:</b>	0	2,053	1,680	0	0	0	0	0	3,733
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## South Park Bridge

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	TC365780	<b>End Date:</b>	Q4/2016
<b>Location:</b>	16th Ave S/E Marginal Wy S/S Cloverdale St		
<b>Neighborhood Plan:</b>	South Park	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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. Construction and opening of a new bridge by King County is expected to take 3-7 years.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Vehicle Licensing Fees	150	37	0	0	0	0	0	0	187
State Gas Taxes - Arterial City Street Fund	598	167	0	27	10	0	0	0	802
State Gas Taxes - City Street Fund	44	0	0	0	0	0	0	0	44
King County Funds	19	196	0	0	0	0	0	0	215
2014 Multipurpose LTGO Bond Fund	0	0	15,000	0	0	0	0	0	15,000
<b>Total:</b>	811	400	15,000	27	10	0	0	0	16,248
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	811	400	0	27	10	0	0	0	1,248
2014 Multipurpose LTGO Bond Fund	0	0	15,000	0	0	0	0	0	15,000
<b>Total*:</b>	811	400	15,000	27	10	0	0	0	16,248
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Transportation Operating Fund		258	120	50	10	0	0	0	438
2014 Multipurpose LTGO Bond Fund		0	15,000	0	0	0	0	0	15,000
<b>Total:</b>		258	15,120	50	10	0	0	0	15,438

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Spokane St. Viaduct

<b>BCL/Program Name:</b>	Major Projects	<b>BCL/Program Code:</b>	19002
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/1994
<b>Project ID:</b>	TC364800	<b>End Date:</b>	Q3/2015
<b>Location:</b>	S Spokane St/6th Ave S/E Marginal Wy S		
<b>Neighborhood Plan:</b>	Morgan Junction (MOCA)	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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 Viaduct 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	1,464	0	0	0	0	0	0	0	1,464
Drainage and Wastewater Rates	922	0	0	0	0	0	0	0	922
Federal Grant Funds	31,626	0	0	0	0	0	0	0	31,626
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
Port of Seattle Funds	3,400	0	0	0	0	0	0	0	3,400
Public Works Trust Fund Proceeds	456	0	0	0	0	0	0	0	456
Private Funding/Donations	2,250	0	0	0	0	0	0	0	2,250
State Grant Funds	53,518	119	0	0	0	0	0	0	53,637
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	6,009	308	0	0	0	0	0	0	6,317
2011 Multipurpose LTGO bond Fund	0	1,631	0	0	0	0	0	0	1,631
<b>Total:</b>	155,478	2,058	0	0	0	0	0	0	157,536

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	1,464	0	0	0	0	0	0	0	0	1,464
Transportation Operating Fund	112,239	119	0	0	0	0	0	0	0	112,358
2008 Multipurpose LTGO Bond Fund	9,000	0	0	0	0	0	0	0	0	9,000
2009 Multipurpose LTGO Bond Fund	26,766	0	0	0	0	0	0	0	0	26,766
2010 Multipurpose LTGO Bond Fund	6,009	308	0	0	0	0	0	0	0	6,317
2011 Multipurpose LTGO Bond Fund	0	1,631	0	0	0	0	0	0	0	1,631
<b>Total*:</b>	155,478	2,058	0	0	0	0	0	0	0	157,536

### O & M Costs (Savings)

	0	0	0	0	0	0	0	0	0	0
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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	0	0
Transportation Operating Fund	119	0	0	0	0	0	0	0	0	119
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0	0
2010 Multipurpose LTGO Bond Fund	308	0	0	0	0	0	0	0	0	308
2011 Multipurpose LTGO Bond Fund	1,110	11	11	0	0	0	0	0	0	1,132
<b>Total:</b>	1,537	11	11	0	0	0	0	0	0	1,559

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## SR-520 Project

<b>BCL/Program Name:</b>	Major Projects	<b>BCL/Program Code:</b>	19002
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2002
<b>Project ID:</b>	TC365880	<b>End Date:</b>	Q4/2019
<b>Location:</b>	SR520 WB/Montlake Bv Off Rp/I5 NB On Rp		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	54	0	0	0	0	0	0	0	54
Street Vacations	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	400	439	150	154	157	160	163	168	1,791
State Gas Taxes - City Street Fund	150	0	0	0	0	0	0	0	150
General Subfund Revenues	33	0	0	0	0	0	0	0	33
Partnership Funds	115	0	527	0	0	0	0	0	642
State Grant Funds	781	488	0	214	220	227	233	240	2,402
<b>Total:</b>	1,647	927	677	368	377	387	396	408	5,186
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	54	0	0	0	0	0	0	0	54
Cumulative Reserve Subfund - Street Vacation Subaccount	54	0	0	0	0	0	0	0	54
Transportation Operating Fund	1,539	927	677	368	377	387	396	408	5,078
<b>Total*:</b>	1,647	927	677	368	377	387	396	408	5,186
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



## Seattle Department of Transportation

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I 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	889	717	368	377	387	396	408	3,541
<b>Total:</b>	889	717	368	377	387	396	408	3,541

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Street Lighting Program

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC366900	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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 2014, funds are budgeted under the individual transportation projects in which the spending will occur. For 2015 through 2019, 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	1,000	1,000	1,000	1,000	1,000	5,000
<b>Total:</b>	0	0	0	1,000	1,000	1,000	1,000	1,000	5,000
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	0	0	1,000	1,000	1,000	1,000	1,000	5,000
<b>Total*:</b>	0	0	0	1,000	1,000	1,000	1,000	1,000	5,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Thomas St Pedestrian Overpass (formerly Belltown/Queen Anne Waterfront Connections-Thomas St.)

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	TC366210	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Elliott Ave W/W Thomas St		
<b>Neighborhood Plan:</b>	Queen Anne	<b>Neighborhood Plan Matrix:</b>	Multiple
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	Not in an Urban Village

This project consists of constructing a pedestrian/bicycle overpass across the Burlington Northern Railroad tracks and continuing across Elliott Ave along the W Thomas Street cul-de-sac to connect lower Queen Anne to Myrtle Edwards Park with either elevators and stairs or ramps. The overpass allows pedestrian and bicycle access to Myrtle Edwards Park, creating a vital central link from the park to the west side of the Uptown and Belltown neighborhoods.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax II	239	0	0	0	0	0	0	0	239
Federal Grant Funds	5,282	0	0	0	0	0	0	0	5,282
State Gas Taxes - Arterial City Street Fund	15	0	0	0	0	0	0	0	15
King County Funds	860	0	0	0	0	0	0	0	860
Private Funding/Donations	275	0	0	0	0	0	0	0	275
Seattle Voter-Approved Levy	2,343	102	0	0	0	0	0	0	2,445
Seattle Voter-Approved Levy	1,026	574	0	0	0	0	0	0	1,600
<b>Total:</b>	10,040	676	0	0	0	0	0	0	10,716
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount	239	0	0	0	0	0	0	0	239
Transportation Operating Fund	6,432	0	0	0	0	0	0	0	6,432
2000 Parks Levy Fund	2,343	102	0	0	0	0	0	0	2,445
2008 Parks Levy Fund	1,026	574	0	0	0	0	0	0	1,600
<b>Total*:</b>	10,040	676	0	0	0	0	0	0	10,716
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax II Subaccount		0	0	0	0	0	0	0	0
Transportation Operating Fund		0	0	0	0	0	0	0	0
2000 Parks Levy Fund		102	0	0	0	0	0	0	102
2008 Parks Levy Fund		571	3	0	0	0	0	0	574
<b>Total:</b>		673	3	0	0	0	0	0	676

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Transit Corridor Improvements

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	TC366860	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Vehicle Licensing Fees	88	562	900	900	900	900	900	900	6,050
Federal Grant Funds	2,999	568	0	0	0	0	0	0	3,567
Transportation Funding Package - Parking Tax	0	2,000	0	0	0	0	0	0	2,000
Transportation Funding Package - Lid Lift	13,098	4,390	2,222	1,790	2,500	2,500	2,500	2,500	31,500
City Light Fund Revenues	7	88	0	0	0	0	0	0	95
King County Funds	442	220	0	0	0	0	0	0	662
State Grant Funds	6,440	2,069	0	0	0	0	0	0	8,509
<b>Total:</b>	23,074	9,897	3,122	2,690	3,400	3,400	3,400	3,400	52,383
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	23,074	9,897	3,122	2,690	3,400	3,400	3,400	3,400	52,383
<b>Total*:</b>	23,074	9,897	3,122	2,690	3,400	3,400	3,400	3,400	52,383
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## University Bridge Control System Upgrade

<b>BCL/Program Name:</b>	Major Maintenance/Replacement	<b>BCL/Program Code:</b>	19001
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	TC367290	<b>End Date:</b>	Q4/2013
<b>Location:</b>	University BR		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	University Campus

This project will repair the automated control operations system for the University Bridge. The existing control system is 23 years old and is no longer reliable. The manufacturer of the system no longer makes replacement parts and has discontinued support.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Transportation Funding Package - Lid Lift	0	270	0	0	0	0	0	0	270
<b>Total:</b>	0	270	0	0	0	0	0	0	270
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	270	0	0	0	0	0	0	270
<b>Total*:</b>	0	270	0	0	0	0	0	0	270
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## Waterfront Improvement Program

<b>BCL/Program Name:</b>	Major Projects	<b>BCL/Program Code:</b>	19002
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	TC367330	<b>End Date:</b>	Q4/2018
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

The Waterfront Improvement Program will transform the Elliot Bay waterfront through a number of large-scale projects including the removal the existing Alaskan Way Viaduct, decommissioning the Battery Street Tunnel, and creation of an expansive public space from the Olympic Sculpture Park to Pioneer Square. This public space will provide an important connection between Downtown and the Waterfront and contain elements such as parkspace, multi-modal paths, waterfront access, viewpoints, public and cultural spaces, and an Alaskan Way surface street that will accommodate all modes of travel. The Waterfront Improvement Program (TC367330) was created in 2013 for cost and project tracking purposes. Costs incurred prior to 2013 were included in the Alaskan Way Viaduct & Seawall Replacement project (TC66050). The total estimate for this project, including costs prior to 2014, is \$769 million.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
Private Funding/Donations	0	0	0	0	15,000	15,000	25,000	45,000	100,000
State Grant Funds	0	7,000	12,000	15,000	86,000	88,000	82,000	0	290,000
Commercial Parking Tax	0	1,000	4,200	2,000	2,200	2,700	3,000	0	15,100
Transportation Bond Funds	0	0	0	10,000	0	0	0	0	10,000
2014 Multipurpose LTGO Bond Fund	0	0	5,000	0	0	0	0	0	5,000
Interfund Loan	0	9,500	15,500	0	0	0	0	0	25,000
Local Improvement District Bonds	0	0	0	35,000	83,000	35,000	59,000	10,900	222,900
Waterfront Lid Lift Revenue	0	0	0	0	0	19,000	25,000	0	44,000
Seawall Levy	0	3,000	3,000	26,000	18,000	0	0	0	50,000
<b>Total:</b>	0	20,500	39,700	88,000	204,200	159,700	194,000	55,900	762,000
<b>Fund Appropriations/Allocations</b>									
Transportation Operating Fund	0	8,000	16,200	17,000	103,200	105,700	110,000	45,000	405,100
Future Bond Funds	0	0	0	10,000	0	0	0	0	10,000
2014 Multipurpose LTGO Bond Fund	0	0	5,000	0	0	0	0	0	5,000
Central Waterfront Improvement Fund	0	9,500	15,500	35,000	83,000	35,000	59,000	10,900	247,900
Waterfront Lid Lift	0	0	0	0	0	19,000	25,000	0	44,000
UTGO Bond Fund	0	3,000	3,000	26,000	18,000	0	0	0	50,000
<b>Total*:</b>	0	20,500	39,700	88,000	204,200	159,700	194,000	55,900	762,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Department of Transportation

### Spending Plan by Fund

Transportation Operating Fund	17,500	31,700	17,000	103,200	105,700	110,000	45,000	430,100
Transportation Bond Fund	0	0	0	0	0	0	0	0
Future Bond Funds	0	0	45,000	83,000	54,000	84,000	10,900	276,900
2014 Multipurpose LTGO Bond Fund	0	5,000	0	0	0	0	0	5,000
Central Waterfront Improvement Fund	0	0	0	0	0	0	0	0
Waterfront Lid Lift	0	0	0	0	0	0	0	0
UTGO Bond Fund	3,000	3,000	26,000	18,000	0	0	0	50,000
<b>Total:</b>	<b>20,500</b>	<b>39,700</b>	<b>88,000</b>	<b>204,200</b>	<b>159,700</b>	<b>194,000</b>	<b>55,900</b>	<b>762,000</b>

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## West Duwamish Trail

<b>BCL/Program Name:</b>	Mobility-Capital	<b>BCL/Program Code:</b>	19003
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	TC367130	<b>End Date:</b>	Q4/2017
<b>Location:</b>	TBD		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Seattle Voter-Approved Levy	172	1,828	0	0	0	0	0	0	2,000
<b>Total:</b>	172	1,828	0	0	0	0	0	0	2,000
<b>Fund Appropriations/Allocations</b>									
2008 Parks Levy Fund	172	1,828	0	0	0	0	0	0	2,000
<b>Total*:</b>	172	1,828	0	0	0	0	0	0	2,000
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



## 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 395,000 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 a new Strategic Plan for City Light in July 2012, which established spending priorities and a six-year rate path for the utility. The Strategic Plan guided development of the 2014 City Light budget and CIP, and will be updated in 2014.

## Upcoming Budget Issues and Challenges

In 2013, two major capital projects experienced substantial cost increases. First, following a period of public feedback, SCL completed a redesign of the Denny Substation. This redesign substantially increased costs over the life of the project. Second, SCL faced an emergency situation at the Boundary Dam in the spring of 2013. The Unit 53 generator suffered irreparable damage due to an unexpected mechanical malfunction. The damage was extensive and necessitated a complete rebuild of the unit. In order to avoid a loss of revenue from decreased production capacity in 2014, the timeframe for the project was expedited considerably. The new timeline and the extent of the damage resulted in large cost increases for the CIP program.

In addition, SCL faced increased customer demand for wireless telecommunications capabilities as well as the beginning of the Gigabit Seattle Project in 2013. To meet this increased demand SCL must perform extensive pole attachment work over the coming years. The 2014 Proposed CIP provides the staff and funding necessary to perform this infrastructure work.

To account for these changes and to stay within the existing rate path, SCL assessed the entirety of the CIP program and decided to defer and delay many existing projects. The 2014-2019 Proposed CIP reflects these project decisions.

## 2014-2019 CIP

The 2014-2019 Proposed CIP outlines \$1.95 billion in capital spending over six years for power supply, transmission, distribution, customer services, and central utility needs. Of this, \$170 million serves 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 Council for approval through the quarterly supplemental budget process.

## CIP Revenue Sources

Retail electricity sales and surplus energy sales on the wholesale market primarily fund City Light's CIP. Other revenue comes from direct customer billing (including service connections and other customer requested work) and assorted fees, grants and transactions. 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 Period ([Resolution 31187](#)).

## Thematic Priorities and Project Selection

CIP Projects meet a variety of needs including:

- **Maintaining existing infrastructure and supporting basic operations** – The majority of CIP projects involve maintaining existing systems and equipment or supporting the on-going 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 2014-2019 CIP continues funding for these capacity-related projects, such as: the Customer Information System, the Denny Substation, and the Energy Management System. In addition, the CIP contains new projects such as the Automated Metering Infrastructure.
- **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 requirements regulating the transmission grid and energy market transactions require 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 ideas for the CIP come from throughout SCL, but staff in the operational divisions is responsible for creating official proposals. Members of each of the utility's organizational lines of business (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 to provide a cost benefit analysis of alternatives.

Availability of funding and labor resources constrains the CIP Plan. 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 recently adopted Strategic Plan every two years to maintain transparency and set direction for future CIP development.

Recent investments help identify and evaluate the need for future capital projects. The Work and Asset Management System (WAMS) provides the platform for tracking City Light's estimated 900,000 assets, as well as generating the associated work orders and maintenance records of the utility. The initial phase of WAMS went live for distribution operations and engineering groups in 2011. The utility completed the extension of WAMS to cover substations, power supply, and utility support services in the spring of 2013.

Tracking this asset information enables SCL to achieve operational efficiencies, improve maintenance practices, and identify equipment at high risk of failure. SCL will use data in WAMS to develop strategic asset management plans for each asset type (generation equipment, large power transformers, substation circuit breakers, poles, underground distribution systems, etc.) and to inform operational/maintenance practices and capital replacement decisions. Through the asset management program, the utility conducted condition assessments on 115,000 poles and 28 power transformers, surveyed 527 miles of overhead transmission lines, and adjusted the CIP accordingly for the Proposed plan.

## CIP Expenditures by Major Category

The table below displays the projects and associated spending included in the 2014-2019 Proposed CIP. The dollar amounts shown in this document reflect the projects' total costs to be capitalized, and include both direct costs and associated overhead costs.

2014-2019 Proposed CIP							
Summary of CIP Project Allocations (in \$1,000s)							
	2014	2015	2016	2017	2018	2019	Total
<b>Power Supply</b>	<b>58,183</b>	<b>86,699</b>	<b>86,347</b>	<b>65,453</b>	<b>69,163</b>	<b>49,292</b>	<b>415,137</b>
<i>Boundary</i>	32,796	38,167	42,994	44,250	44,588	33,552	236,347
<i>Skagit</i>	20,952	41,122	36,286	13,649	18,422	9,649	140,080
<i>Cedar Falls - Tolt</i>	779	2,025	1,896	4,116	3,296	4,906	17,018
<i>Power Supply Other</i>	3,656	5,385	5,171	3,438	2,857	1,185	21,692
<b>Transmission</b>	<b>4,053</b>	<b>12,414</b>	<b>14,932</b>	<b>4,069</b>	<b>10,661</b>	<b>55,907</b>	<b>102,036</b>
<b>Distribution</b>	<b>165,510</b>	<b>219,430</b>	<b>259,809</b>	<b>173,383</b>	<b>138,150</b>	<b>170,593</b>	<b>1,126,875</b>
<i>Substations</i>	29,431	50,839	97,478	21,063	21,306	25,583	245,700
<i>Network</i>	25,067	31,909	33,261	28,590	19,890	35,796	174,513
<i>Radial</i>	52,950	56,116	55,036	56,311	52,424	54,381	327,218
<i>Service Connections</i>	38,590	65,003	61,438	61,079	37,300	41,622	305,032
<i>Distribution Other</i>	19,472	15,563	12,596	6,340	7,230	13,211	74,412
<b>External Projects</b>	<b>29,593</b>	<b>48,768</b>	<b>26,475</b>	<b>23,595</b>	<b>23,601</b>	<b>19,837</b>	<b>171,869</b>
<i>Local Jurisdictions</i>	13,920	14,425	12,579	12,679	12,477	13,502	79,582
<i>Transportation Relocations</i>	14,027	34,299	13,894	10,914	11,111	6,322	90,567
<i>Customer Other</i>	1,646	44	2	2	13	13	1,720
<b>Central Utility Projects</b>	<b>33,820</b>	<b>22,355</b>	<b>17,888</b>	<b>15,752</b>	<b>15,610</b>	<b>24,738</b>	<b>130,163</b>
<i>Customer and Billing</i>	3,916	1,707	0	0	0	0	5,623
<i>Finance and IT Systems</i>	7,840	5,840	5,737	5,064	4,835	8,367	37,703
<i>Fleets and Facilities</i>	22,064	14,808	12,151	10,688	10,775	16,351	86,837
<b>Totals:</b>	<b>291,159</b>	<b>389,666</b>	<b>405,451</b>	<b>282,252</b>	<b>257,185</b>	<b>320,367</b>	<b>1,946,080</b>

The 2014-2019 Proposed CIP summarizes spending in the following categories.

*In each category, projects are listed if their 2014 allocations are more than \$5 million, have changed by more than \$1 million relative to the amount planned for 2014 in the 2013-2018 Adopted CIP, or are new projects.*

**Power Supply Projects:** Include improvements to City Light's dams, generators, powerhouses, and other related projects. In addition, the category 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. Highlights in 2014 allocations include:

- Skagit – Sewer System Rehabilitation (6232): \$163,000. This project shows a \$2.4 million decrease in 2014 allocations from the 2013-2018 Adopted CIP. The project replaces or repairs numerous sewer pipe breaks, leaks and sags in the combined Skagit River sewer/drainage system located at the Diablo Dam site.
- Boundary Powerhouse – Unit 53 Generator Rebuild (6352): \$6.9 million. This project shows a \$6.9 million increase in 2014 allocations from the 2013-2018 Adopted CIP due to an unexpected mechanical malfunction in 2013. SCL expedited the timeline for this project significantly. Originally scheduled for 2016-2018, rebuild work and the associated funding were rescheduled for 2013 and 2014 in order to avoid revenue losses from decreased production capacity in the spring of 2014. This project funds the rebuilding of the Unit 53 generator, which is part of a programmatic series of projects to maintain and extend the useful life of the utility's aging generators.
- Boundary Powerhouse – Unit 56 Generator Rebuild (6354): \$5.6 million. This project shows a \$4.7 million increase in 2014 allocations from the 2013-2018 Adopted CIP. The reduction is due to a one year delay of the project timeline caused by the expedited Unit 53 project schedule.
- Power Production – Network Controls 6385: \$770,000. This project shows a \$2.3 million reduction in 2014 allocations from the 2013-2018 Adopted CIP. This project provides the infrastructure 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.
- Diablo Powerhouse – Rebuild Generator Unit 31 (6422): \$0. This project shows a \$10.5 million reduction in 2014 allocations from the 2013-2018 Adopted CIP. The utility rescheduled this project but the scope remains the same. The project rebuilds Generator 31 at Diablo Powerhouse as part of the utility's generator rebuild program.
- Diablo Powerhouse – Rebuild Generator Unit 32 (6423): \$1.8 million. This project shows a \$1.8 million increase from the 2013-2018 Adopted CIP. The utility moved the project schedule up to 2014 after originally being scheduled to begin in 2015. The project rebuilds Generator 32 at Diablo Powerhouse as part of the utility's generator rebuild program.
- Diablo Facility – Storage Building (6481): \$1.1 million. This project shows a \$1.1 million increase in allocations from the 2013-2018 Adopted CIP. This project constructs a new storage and work building for spare materials at the Diablo site. The building will provide adequate storage space for Diablo rebuilds.
- Boundary Powerhouse – Transformer Bank Rockfall Mitigation (6485): \$0. This project shows a \$1.7 million decrease in allocations from the 2013-2018 Adopted CIP. SCL deferred this project in order to accommodate other projects. The project mitigates the likelihood of rock fall damage to a transformer, the bonnet over the transformer, transformer equipment, conductors, or outriggers.
- Boundary Powerhouse – Unit 56 Turbine Runner Replacement (6490): \$3.6 million. This project shows a \$2.5 million increase in allocations from the 2013-2018 Adopted CIP. This project replaces the Boundary Unit 56 turbine runner, to enhance Unit efficiency.

- Boundary Switchyard – Generator Step-Up Transformers (6493): \$329,000. This project shows a \$5.7 million decrease in allocations from the 2013-2018 Adopted CIP. SCL delayed encumbering a contract for one of the transformer units until 2015 resulting in decreased project costs for 2014.
- Ross Powerhouse – Replace Transformer Banks 42 and 44 (6541): \$1.6 million. This project shows a \$1.6 million increase in allocations from the 2013-2018 Adopted CIP to fund 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 indications of failure.
- Ross Governors (6562): \$2.5 million. This project shows a \$2.5 million increase in allocations from 2013-2018 Adopted CIP. This is a new project that replaces governors on all four of the Ross generating units.
- Ross Exciters 41-44 (6564): \$2.2 million. This project shows a \$2.2 million increase in allocations from 2013-2018 Adopted CIP to fund replacing exciters on all four Ross generating units. The current exciters are extremely outdated and a failure would cause a long outage.
- Boundary – Licensing Mitigation (6987): \$14.0 million. This project shows a \$1.6 million increase in allocations from 2013-2018 Adopted CIP. The higher cost resulted from deferrals in previous years that occurred due to delays in the signing of the license. This ongoing project implements Protection, Mitigation and Enhancement measures (PME) required by the terms and conditions of a settlement agreement and new license issued by FERC. The license allows for the continued operation of the Boundary Hydroelectric Project.

**Transmission Projects:** Allow SCL to deliver power from the dams to the distribution system and 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 facilities.

For 2014, the CIP includes \$4.0 million in funding for 6 projects in Power Supply. Highlights include:

- Transmission Reliability (7104): \$2.5 million.
- Denny Substation Transmission Lines (7125): \$550,000.
- Transmission Line Inductor Installation (8461): \$215,000.
- Transmission Line Reconductoring (8462): \$206,000.

**Distribution Projects:** Include improvements to the distribution substations, relays, feeders, network distribution systems, overhead and underground radial distribution systems, service connections, customer meters, and other projects related to the distribution system.

For 2014, the CIP includes \$165.5 million in funding for 65 projects in Power Supply. Highlights include:

- Network Additions and Services: First Hill, Mass, Union and University (8364): \$4.3 million. This project shows a \$2 million increase in allocations from the 2013-2018 Adopted CIP.
- Denny Substation Development (7757): \$8.2 million. This project shows a \$7.4 million decrease in allocations from the 2013-2018 Adopted CIP. The redesign of the substation substantially increases the cost of the program and delays project timelines. The decrease in 2014 partially offsets the overall increase in project costs for the six year planning period.

- Broad Street Substation – Network (8203): \$8.3 million. This project shows a \$1.5 million increase in allocations from the 2013-2018 Adopted CIP. This increase supports continued development and economic growth in the Denny Triangle.
- Dallas Ave. 26kV Crossing (8322): \$1.2 million. This project shows a \$1.1 million increase in allocations from the 2013-2018 Adopted CIP.
- Overhead Equipment Replacements (8351): \$18 million. SCL combined this project with project 8374, Overhead Equipment Replacement. The utility consolidated these projects because it is extremely difficult to differentiate the scopes of work for the two projects.
- Underground Equipment Replacements (8353): \$11.6 million. SCL consolidated project 8440, the Neighborhood Cable Injection Program under this project.
- Wood Pole Replacement Program (8371): SCL consolidated this project under project 8351, Overhead Equipment Replacements.
- Denny Substation – Network (8404): \$6.9 million. This project shows a \$1.9 million increase in allocations from the 2013-2018 Adopted CIP. This project designs and builds a distribution network for the South Lake Union area. The new Denny substation serves this area.
- Distribution Automation (8425): \$526,000. This project shows a \$1.6 million decrease in allocations from the 2013-2018 Adopted CIP. This ongoing project automates radial distribution feeders, a process which includes installation of equipment to provide remote control of switches on power lines and gathering real time data on conditions in distribution power lines.
- Neighborhood Cable Injection Program (8440): The utility consolidated this project under project 8353, Underground Equipment Replacement.
- Broadband – City Light (8465): \$2.4 million. This project shows a \$2.4 million increase in allocations from the 2013-2018 Adopted CIP to support implementation of the Gigabit Seattle Project and help SCL meet increased customer demand for wireless capabilities.

**External Projects:** Respond to requests from local jurisdictions to relocate distribution services from overhead to underground systems per the terms of franchise agreements, maintain and upgrade the streetlight system, relocate utility infrastructure in response to major transportation projects, and provide capital improvements in response to other customer-requested service needs.

For 2014, the CIP includes \$29.6 million in funding for 15 projects in Power Supply. Highlights include:

- Alaskan Way Viaduct and Seawall Replacement – Utility Relocations (8307): \$7.8 million. This project shows a \$10.5 million decrease in allocations from the 2013-2018 Adopted CIP. The project provides for the relocation of utility infrastructure in conjunction with the Washington State Department of Transportation project. Allocation changes reflect revised scope and schedule projections that are driven by the transportation project.
- Creston-Nelson to Intergate East Feeder Installation (8430): \$1.6 million. This project shows a \$1.6 increase in allocations from the 2013-2018 Adopted CIP to install a new feeder to supply the Intergate East Internet Center in Tukwila.
- Mercer Corridor West Phase Relocations (8443): \$563,000 million. This project shows a \$4.7 million decrease in allocations from the 2013-2018 Adopted CIP largely due to project savings as well as the deferment of work on distribution feeders. This project relocates significant transmission and distribution facilities on the west end of the Mercer Street corridor in

coordination with project 8307, the Alaskan Way Viaduct and Seawall Replacement Utility Relocations.

- Transportation Streetlights (8377): \$1.5 million. This project shows a \$1 million decrease in allocations from the 2013-2018 Adopted CIP. This project relocates utility owned streetlights as required by City transportation projects. SDOT provided a revised schedule that decreased work in 2014 and increased work in 2015.
- Streetlight LED Conversion Program (8441): \$5.3 million. 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.

**Central Utility Projects:** 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.

For 2014, the CIP includes \$33.8 million in funding for 27 projects in Power Supply. Highlights include:

- Building Envelope Upgrades (9072): \$1.1 million. This project shows a \$1.1 million decrease in allocations from the 2013-2018 Adopted CIP. 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 decrease in funding for this project partially offsets the increased cost of the project 9130, the Technical Training Center Development project.
- Equipment Fleet Replacement (9101): \$7.2 million. This project shows a \$1.2 million decrease in allocations from the 2013-2018 Adopted CIP. This ongoing project replaces, updates, and expands SCL's heavy duty mobile equipment fleet. The decrease in funding for this project partially offsets the increased cost of the project 9130, the Technical Training Center Development project.
- Technical Training Center Development (9230): \$6.1 million. This project shows a \$4.3 million increase in allocations from the 2013-2018 Adopted CIP. This project provides a new technical training center on a vacant property on East Marginal Way South that is owned by SCL. The project experienced substantial increases in cost estimates and scope in 2013 necessitating increased funding for 2014.



**CIP Budget Control Levels in the 2014 Proposed Budget**

The dollar amounts shown in the CIP are total project costs to be capitalized, and include both direct costs and associated overhead costs. Overhead costs include a share of the department’s support functions (such as finance, administration, and human resources), employee benefits, and interest incurred during construction. City Light applies overhead costs to capital project expenditures only as direct costs are incurred.

Because City Light requests budget authority for indirect overhead costs in Operation Budget Control Levels, the total project allocations in the CIP Programs are higher than the corresponding CIP Budget Control Levels in the 2014 Proposed Budget. A table explaining how the 2014 Proposed CIP program totals align with CIP Budget Control Levels in the 2014 Proposed Budget is shown below.

<b>CIP Programs -- Project Totals for 2014 (\$1,000s)</b>						
<b>Direct Costs (in \$1,000s)</b>	<b>Power Supply</b>	<b>Transmission</b>	<b>Distribution</b>	<b>External Projects</b>	<b>Central Utility Projects</b>	<b>2014 Appropriation</b>
<b>LEVELS</b> Customer Focused -CIP (SCL370)	0	0	19,764	20,710	1,739	42,214
Financial Services (SCL550)	0	0	0	0	5,848	5,848
Power Supply & Environmental Affairs (SCL 250)	45,195	0	0	0	18,392	63,588
Transmission and Distribution (SCL360)	0	2,461	86,674	0	0	89,135
<b>Total Direct Costs (in \$1,000s)</b>	<b>45,196</b>	<b>2,461</b>	<b>106,439</b>	<b>20,711</b>	<b>25,980</b>	<b>200,787</b>
<b>Loadings and Overhead Estimates (appropriated separately in Operating BCLs)</b>						
Interest During Construction	1,807	38	2,082	300	1,486	5,713
Paid Time Off	1,307	164	5,790	832	704	8,797
Fringe Benefits	2,681	336	11,882	1,708	1,445	18,052
Payroll Tax (FICA)	603	79	3,068	440	305	4,495
Material	0	68	1,734	791	27	2,620
Transportation	233	166	4,640	644	77	5,760
Shop	140	0	282	2	234	658
Administrative & General	6,216	741	29,593	4,165	3,562	44,277
<b>Total Overhead (in \$1,000s)</b>	<b>12,987</b>	<b>1,592</b>	<b>59,071</b>	<b>8,882</b>	<b>7,840</b>	<b>90,372</b>
<b>CIP Project Allocations (in \$1,000s)</b>	<b>58,183</b>	<b>4,053</b>	<b>165,510</b>	<b>29,593</b>	<b>33,820</b>	<b>291,159</b>

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 the total “lifetime” appropriations for some projects and carries forward the unspent capital appropriation authority for these

**2014-2019 Proposed Capital Improvement Program**

projects into subsequent years. This allows for careful review of project changes, and easier tracking of total budget and spending on these projects. The 2014-2019 Proposed CIP includes 26 “lifetime” appropriation projects. Examples include:

- Advanced Metering Infrastructure (8426)
- Alaskan Way Viaduct and Seawall Replacement – Utility Relocations (8307)
- Denny Substation Development (7757)
- Mercer Corridor Relocations (8376)
- Technical Training Center Development (9230)
- Work and Asset Management System (9941)

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 allocations and spending plans because of encumbrances for multi-year contracts on the project.

### **Anticipated Operating Expenses Associated with Capital Facilities Projects**

Operations and maintenance costs, where identified, are included in SCL’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 cost impacts of the project are either insignificant or are offset by cost savings realized by other projects.

## Project Summary

BCL/Program Name	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
<b>A1 Power Supply - Boundary</b>									
Boundary - DC Battery System & Charge Modernization (6566)	0	0	439	514	0	0	0	0	953
Boundary - Licensing Mitigation (6987)	184	16,653	14,047	26,434	31,163	17,610	21,650	7,850	135,591
Boundary - New Unit - 57 (6533)	0	0	0	0	0	105	305	1,355	1,765
Boundary Dam - Emergency Lighting Improvements (6342)	871	94	0	0	0	0	0	0	965
Boundary Dam - Instrumentation Upgrade and Integration (6343)	6,435	795	751	290	109	0	0	0	8,380
Boundary Dam - Outrigger/Transformer Line Replacement System (6357)	751	27	0	0	0	0	0	0	778
Boundary Dam - Spillgate Hoist House Rehab & Oil Control (6349)	844	69	0	0	0	0	0	0	913
Boundary Dam - Units 51-54 Turbine Pit Cranes (6350)	0	158	0	0	0	0	0	0	158
Boundary Facility - Electrical System Upgrades (6432)	1,275	(9)	0	179	55	0	0	0	1,500
Boundary Facility - Minor Improvements Program (6401)	12,196	2,588	619	529	3,059	11,285	2,952	3,311	36,539
Boundary Powerhouse - Transformer Bank Rockfall Mitigation (6485)	502	1,265	0	59	62	66	0	280	2,234
Boundary Powerhouse - Unit 51 Generator Rebuild (6351)	0	0	0	0	0	0	1,615	10,516	12,131
Boundary Powerhouse - Unit 52 Generator Rebuild (6535)	0	0	0	0	0	1,562	10,275	4,199	16,036
Boundary Powerhouse - Unit 53 Generator Rebuild (6352)	0	0	6,970	0	0	0	0	0	6,970
Boundary Powerhouse - Unit 54 Generator Rebuild (6353)	0	0	0	0	388	6,976	1,573	94	9,031
Boundary Powerhouse - Unit 55 Generator Rebuild (6303)	13,920	11,643	272	239	1,623	275	193	0	28,165
Boundary Powerhouse - Unit 55 Turbine Runner Replacement (6491)	12,610	2,032	42	57	0	0	0	0	14,741
Boundary Powerhouse - Unit 56 Generator Rebuild (6354)	4,547	12,418	5,636	2,076	315	0	0	0	24,992

\*Amounts in thousands of dollars

## 2014 - 2019 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Boundary Powerhouse - Unit 56 Turbine Runner Replacement (6490)	3,197	8,389	3,679	2,396	0	0	0	0	17,661
Boundary Seal Ring and Bushing Improvements (6525)	2,160	2,752	12	0	0	0	0	0	4,924
Boundary Switchyard - Generator Step-up Transformers (6493)	94	4,492	329	5,394	5,506	5,976	5,771	5,947	33,509
Landis and Gyr RTU Modernization Boundary, CF, Skagit (6565)	0	0	0	0	714	395	254	0	1,363
<b>A1 Power Supply - Boundary</b>	<b>59,586</b>	<b>63,366</b>	<b>32,796</b>	<b>38,167</b>	<b>42,994</b>	<b>44,250</b>	<b>44,588</b>	<b>33,552</b>	<b>359,299</b>
<b>A2 Power Supply - Skagit</b>									
							<b>BCL/Program Code:</b>	<b>SCL250-A2</b>	
Diablo - Incline Rehabilitation (6588)	0	0	0	0	0	0	113	346	459
Diablo - Replace AC Panels (6584)	0	0	0	179	541	0	0	0	720
Diablo - Replace Bank Transformers (6589)	0	0	0	0	108	375	7,401	0	7,884
Diablo Facility - Lines Protection Upgrades (6483)	2,404	58	1,220	1,235	37	0	0	0	4,954
Diablo Facility - Minor Improvements Program (6403)	2,142	0	0	0	0	0	0	0	2,142
Diablo Facility - Storage Building (6481)	284	1,226	1,145	0	0	0	0	0	2,655
Diablo Load Interrupters Replacement (6532)	0	3,292	10	0	2,993	0	0	0	6,295
Diablo Powerhouse - Crane Wheel Replacements (6471)	81	307	706	87	0	0	0	0	1,181
Diablo Powerhouse - DC Lighting Systems Upgrade (6365)	0	11	0	0	0	0	0	0	11
Diablo Powerhouse - Rebuild Generator Unit 31 (6422)	11	(2)	0	0	10,393	3,457	365	0	14,224
Diablo Powerhouse - Rebuild Generator Unit 32 (6423)	0	540	1,802	14,227	1,921	2,048	0	0	20,538
Diablo Switchyard - Controls for Breakers and Switches (6417)	0	0	0	0	0	0	0	0	0
Gorge - 240V AC Station Service Switchgear Replacement (6581)	0	0	0	0	0	0	113	464	577

\*Amounts in thousands of dollars

**2014 - 2019 Proposed Capital Improvement Program**

## Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
Gorge - Switchyard 230 kV Wrought Iron Bus Replacement (6578)	0	0	93	179	144	0	0	0	416
Gorge Facility - Minor Improvements Program (6404)	2,134	0	0	0	0	0	0	0	2,134
Gorge Facility - Second Tunnel Installation (6302)	6,578	594	0	0	0	0	0	0	7,172
Gorge Powerhouse - Control and Power Cabling Replacement (6328)	0	0	0	0	0	0	0	0	0
Gorge Powerhouse - Transformer Bank 10 Replacement (6224)	429	681	51	0	0	0	0	0	1,161
Ladder Creek Garden - Irrigation and Illumination (6234)	2,759	(2)	0	0	0	0	0	0	2,757
Newhalem - Generator 20/Support Facility Rebuild (6479)	925	16	43	0	0	0	0	0	984
Ross - 480V AC Station Service Switchgear Replacement (6580)	0	0	0	0	108	110	455	0	673
Ross - Butterfly Trunnion Replacement and By-Pass Retrofit (6587)	0	0	592	548	117	0	0	0	1,257
Ross - Oil Vapor Reduction @ Turbine Guide (6586)	0	0	330	305	80	0	0	0	715
Ross - Powerhouse Rockfall Mitigation (6577)	0	0	0	0	0	110	338	0	448
Ross - R1 and R2 Relay and Instrumentation Upgrade (6582)	0	0	0	0	0	111	114	491	716
Ross - Silvacell Nozzle Retrofit (6585)	0	0	179	482	335	0	0	0	996
Ross Dam - AC/DC Distribution System Upgrade (6373)	1,514	409	581	1,130	1,566	967	618	407	7,192
Ross Exciters 41 - 44 (6564)	0	0	2,223	426	1,919	502	574	32	5,676
Ross Governors (6562)	0	0	2,506	2,537	0	0	0	0	5,043
Ross Powerhouse - Fire Protection Systems Modification (6166)	2,238	(9)	0	172	31	0	0	0	2,432
Ross Powerhouse - Programmable Language Controller Upgrade (6376)	0	191	378	343	0	0	0	0	912

\*Amounts in thousands of dollars

## 2014 - 2019 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Ross Powerhouse - Replace Governor Oil Pumps (6377)	0	115	0	0	0	0	0	0	115
Ross Powerhouse - Replace Transformer Banks 42 and 44 (6541)	0	0	1,689	3,290	1,673	0	0	0	6,652
Ross Rock Slide Area Improvements (6516)	1,853	4,170	2,795	533	0	0	0	0	9,351
Skagit - Babcock Creek Crossing (6514)	0	0	370	0	0	0	0	0	370
Skagit - DC Battery System & Charge Modernization (6583)	0	0	0	265	286	301	0	0	852
Skagit - Facilities Energy Conservation Program (6515)	1,790	3,128	0	3,260	0	0	0	0	8,178
Skagit - Sewer System Rehabilitation (6232)	153	280	163	1,987	1,397	106	0	0	4,086
Skagit Boat Facility Improvements (6540)	0	0	193	962	732	0	0	0	1,887
Skagit Facilities Plan (6520)	1,330	1,117	1	1,467	2,670	0	568	0	7,153
Skagit Facility - Minor Improvements Program (6405)	13,462	6,361	2,512	6,791	7,460	5,024	7,417	7,909	56,936
Skagit Facility - Oil Containment Improvements (6458)	1,720	269	194	0	0	0	0	0	2,183
Skagit Facility - Radio System Improvements (6421)	9	93	95	137	779	13	0	0	1,126
Skagit Facility - Security Systems (6388)	1,494	182	0	0	0	0	0	0	1,676
Skagit Licensing Mitigation (6991)	35,530	958	596	74	261	76	77	0	37,572
Skagit Powerhouses - Install Protection Relays (6415)	2,152	879	485	506	735	449	269	0	5,475
<b>A2 Power Supply - Skagit</b>	<b>80,992</b>	<b>24,864</b>	<b>20,952</b>	<b>41,122</b>	<b>36,286</b>	<b>13,649</b>	<b>18,422</b>	<b>9,649</b>	<b>245,936</b>
<b>A3 Power Supply - Cedar Falls - Tolt</b>							<b>BCL/Program Code:</b>	<b>SCL250-A3</b>	
Cedar Falls - Bank 6 Replacement (6573)	0	0	0	0	0	0	360	2,348	2,708
Cedar Falls - DC Battery System and Charge Modernization (6572)	0	0	0	264	0	0	0	0	264
Cedar Falls - Masonry Dam Stream Flow System Retrofit (6534)	0	0	154	43	0	0	0	0	197
Cedar Falls - New Generator 5/6 Exciters (6531)	0	0	0	233	89	0	0	0	322

\*Amounts in thousands of dollars

**2014 - 2019 Proposed Capital Improvement Program**

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Cedar Falls Powerhouse - Penstock Stabilization (6358)	2,075	147	0	172	46	2,509	1,816	1,414	8,179
Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay (6450)	1,004	(22)	0	493	52	0	0	0	1,527
Cedar Falls/South Fork Tolt - Minor Improvements Program (6406)	5,333	921	625	556	1,709	1,607	1,120	1,144	13,015
South Fork Tolt - DC Battery System & Charge Modernization (6570)	0	0	0	264	0	0	0	0	264
Tolt Facility - Penstock Rehabilitation (6478)	0	0	0	0	0	0	0	0	0
Tolt Powerhouse - Power Monitoring Equipment Upgrades (6323)	0	42	0	0	0	0	0	0	42
<b>A3 Power Supply - Cedar Falls - Tolt</b>	<b>8,412</b>	<b>1,088</b>	<b>779</b>	<b>2,025</b>	<b>1,896</b>	<b>4,116</b>	<b>3,296</b>	<b>4,906</b>	<b>26,518</b>
<b>A4 Power Supply - Power Supply Other</b>						<b>BCL/Program Code:</b>		<b>SCL250-A4</b>	
Endangered Species Act Mitigation (6990)	11,260	2,233	1,055	1,080	1,106	1,132	1,158	1,185	20,209
Energy Trading and Risk Management (ETRM) System (9936)	1,969	883	0	0	0	0	0	0	2,852
Generation Federal Reliability Standards Improvements (6470)	8,731	1,418	392	1,202	824	172	0	0	12,739
Hydro Project Spill Containment (6530)	0	306	536	960	905	884	702	0	4,293
Power Production - Network Controls (6385)	1,782	2,625	770	1,217	1,384	276	0	0	8,054
Special Work Equipment - Generation Plant (6102)	11,549	1,017	903	926	952	974	997	0	17,318
<b>A4 Power Supply - Power Supply Other</b>	<b>35,291</b>	<b>8,482</b>	<b>3,656</b>	<b>5,385</b>	<b>5,171</b>	<b>3,438</b>	<b>2,857</b>	<b>1,185</b>	<b>65,465</b>
<b>B1 Transmission - Transmission</b>						<b>BCL/Program Code:</b>		<b>SCL360-B1</b>	
Denny Substation Transmission Lines (7125)	96	250	550	1,326	240	245	7,386	52,562	62,655
Transmission Capacity (7011)	11,566	50	24	24	25	25	26	20	11,760
Transmission Inter-Agency (7105)	1,638	642	526	512	524	536	549	562	5,489
Transmission Line Inductor Installation (8461)	0	227	215	6,765	6,561	0	0	0	13,768
Transmission Line Reconductoring (8462)	0	217	206	1,270	5,005	625	0	0	7,323

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Transmission Reliability (7104)	11,299	5,043	2,532	2,517	2,577	2,638	2,700	2,763	32,069
<b>B1 Transmission - Transmission</b>	24,599	6,429	4,053	12,414	14,932	4,069	10,661	55,907	133,064
<b>C1 Distribution - Substations</b>						<b>BCL/Program Code:</b>		<b>SCL360-C1</b>	
Denny Substation Development (7757)	43,981	17,074	8,278	26,815	76,305	1,147	0	0	173,600
East Pine Substation - Transformer Replacements (7811)	0	0	295	979	0	0	0	0	1,274
North Substation - Transformer Replacements (7777)	2,286	5,464	22	0	0	0	0	0	7,772
Relaying Improvements (7753)	16,423	3,000	4,508	5,150	4,136	4,250	4,590	5,298	47,355
Replace Breakers BPA Covington and Maple Valley Substations (7121)	546	13	14	14	15	16	17	590	1,225
Substation Automation (8424)	1,405	1,296	1,028	840	859	879	899	965	8,171
Substation Breaker Replacements and Reliability Additions (7779)	14,762	3,959	3,671	5,762	4,909	5,984	4,495	5,981	49,523
Substation Capacity Additions (7751)	5,851	1,696	1,528	2,403	1,672	1,726	1,979	2,082	18,937
Substation Equipment Improvements (7752)	43,410	4,323	5,402	7,163	4,573	5,317	6,117	6,317	82,622
Substation Plant Improvements (7750)	7,075	815	695	897	880	901	922	1,045	13,230
Substation Transformer Replacements (7776)	59	4,326	3,540	372	3,674	376	1,810	2,715	16,872
Substations Demand Driven Improvements (7755)	5,801	6	6	6	6	7	7	7	5,846
Substations Oil Containment (7783)	1	483	444	438	449	460	470	583	3,328
<b>C1 Distribution - Substations</b>	141,600	42,455	29,431	50,839	97,478	21,063	21,306	25,583	429,755
<b>C2 Distribution - Network</b>						<b>BCL/Program Code:</b>		<b>SCL360-C2</b>	
Broad Street Substation - Network (8203)	58,954	5,541	8,358	7,739	7,697	3,205	3,384	7,419	102,297
Denny Substation - Network (8404)	143	2,501	6,915	11,792	12,909	12,450	4,402	9,470	60,582
First Hill - Network (8301)	10,688	1,473	1,403	2,606	2,674	2,738	1,666	1,700	24,948
First Hill - Network Load Transfer (8407)	0	0	0	0	0	0	0	6,528	6,528

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program



## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Massachusetts Street Substation - Networks (8202)	21,732	3,401	3,370	3,710	3,801	3,890	3,982	4,074	47,960
Network Hazeltine Upgrade (8129)	4,942	564	470	518	525	537	550	563	8,669
Network Maintenance Hole and Vault Rebuild (8130)	47,351	2,493	2,333	2,915	2,988	3,013	3,083	3,155	67,331
Union Street Substation Networks (8201)	22,385	2,689	1,688	2,234	2,290	2,344	2,400	2,455	38,485
University Substation - Network (8464)	0	371	530	395	377	413	423	432	2,941
<b>C2 Distribution - Network</b>	166,195	19,033	25,067	31,909	33,261	28,590	19,890	35,796	359,741
<b>C3 Distribution - Radial</b>							<b>BCL/Program Code:</b>	<b>SCL360-C3</b>	
Automated Utility Design Implementation (9950)	149	2,325	744	0	0	0	0	0	3,218
Broadband - City Light (8465)	0	0	2,409	2,466	2,536	2,696	2,657	2,719	15,483
Dallas Ave. 26 kV Crossing (8322)	428	43	1,259	1,305	221	0	0	0	3,256
Distribution Automation (8425)	0	313	526	1,191	2,341	4,250	2,116	3,479	14,216
Lake Forest Park - Feeder Rehabilitation (8384)	3,277	69	0	0	0	0	0	0	3,346
Laurelhurst - Underground Rebuild (8373)	4,645	4,639	747	407	0	0	0	0	10,438
Mobile Workforce Implementation (8429)	0	0	0	1,536	2,939	1,210	1,166	0	6,851
Neighborhood Cable Injection Program (8440)	10,212	7,791	16	0	0	0	0	0	18,019
Overhead 26kV Conversion (8358)	7,827	1,548	1,910	1,449	600	684	1,637	1,679	17,334
Overhead Customer Driven Capacity Additions (8355)	23,673	4,006	4,203	4,606	5,073	5,183	4,610	4,855	56,209
Overhead Equipment Replacements (8351)	38,386	9,238	18,016	19,585	20,459	23,539	21,029	22,042	172,294
Overhead System Capacity Additions (8356)	22,106	2,119	2,209	2,823	2,759	2,931	2,903	2,607	40,457
PCB Transformer Replacement (8463)	0	305	341	1,246	1,338	1,331	1,331	646	6,538
Pole Attachment Requests Preparation Work (8452)	1,581	2,417	2,747	2,775	3,431	3,512	3,595	3,678	23,736
Underground 26kV Conversion (8362)	4,486	855	1,485	1,681	1,510	1,116	1,427	2,010	14,570
Underground Customer Driven Capacity Additions (8360)	15,515	1,928	2,085	1,993	1,963	2,011	1,653	2,235	29,383

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Underground Equipment Replacements (8353)	9,209	4,066	11,632	10,739	7,497	5,423	5,820	6,016	60,402
Underground System Capacity Additions (8361)	18,525	3,091	2,611	2,314	2,369	2,425	2,480	2,415	36,230
Wood Pole Replacement Program (8371)	25,849	9,871	10	0	0	0	0	0	35,730
<b>C3 Distribution - Radial</b>	185,868	54,624	52,950	56,116	55,036	56,311	52,424	54,381	567,710
<b>C4 Distribution - Service Connections</b>						<b>BCL/Program Code:</b>			<b>SCL370-C4</b>
Advanced Metering Infrastructure (8426)	0	0	0	28,595	27,456	28,483	4,628	3,186	92,348
Customer Portal Development (9944)	0	870	878	0	0	0	0	0	1,748
Large Overhead and Underground Services (8365)	11,357	2,717	3,922	3,569	2,779	2,798	2,892	4,346	34,380
Major Emergency (8380)	1,107	891	943	118	117	120	122	125	3,543
Medium Overhead and Underground Services (8366)	55,152	6,856	8,927	9,966	8,552	8,753	8,773	11,970	118,949
Meter Additions (8054)	68,178	4,920	4,588	3,164	2,574	2,493	1,986	1,697	89,600
Meter Reading Software Replacement (9953)	1,113	591	0	0	0	0	0	0	1,704
Network Additions and Services - Denny (8405)	0	129	1,425	2,570	2,636	682	691	707	8,840
Network Additions and Services: Broad Street Substation (8363)	29,264	6,748	5,115	5,879	6,021	6,163	6,308	6,455	71,953
Network Additions and Svcs: First Hill, Mass, Union & Univer (8364)	26,131	2,219	4,314	2,602	2,659	2,722	2,786	2,850	46,283
Normal Emergency (8379)	4,588	883	931	598	611	625	640	655	9,531
Overhead Outage Replacements (8350)	3,131	196	348	302	213	235	282	577	5,284
Small Overhead and Underground Services (8367)	36,173	5,468	5,656	6,176	6,325	6,474	6,626	6,780	79,678
Underground Outage Replacements (8352)	16,712	1,372	1,543	1,464	1,495	1,531	1,566	2,274	27,957
<b>C4 Distribution - Service Connections</b>	252,906	33,860	38,590	65,003	61,438	61,079	37,300	41,622	591,798
<b>C5 Distribution - Distribution Other</b>						<b>BCL/Program Code:</b>			<b>SCL360-C5</b>
Asset Management Program (9940)	774	493	0	0	0	0	0	0	1,267
Communications Improvements (9009)	10,572	1,640	1,047	1,183	1,434	1,047	1,104	1,278	19,305

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Distribution Area Communications Networks (9307)	13,392	3,090	1,806	1,524	1,145	1,065	1,758	484	24,264
Distribution Management System (9966)	0	0	0	0	0	0	0	7,917	7,917
Enterprise Geographic Information System (9957)	0	725	2,936	1,842	999	537	590	0	7,629
Federal and Regional Reliability Standards Compliance (9963)	0	783	28	0	0	0	0	0	811
Looped Radial Distribution System GIS Editor Replacement (9958)	1	1,176	37	0	0	0	0	0	1,214
Network Geographic Information Systems (9943)	1,241	1,751	301	114	0	0	0	0	3,407
Security Improvements (9202)	14,648	2,942	2,085	2,006	2,054	2,102	2,151	2,335	30,323
Special Work Equipment - Other Plant (9102)	23,476	1,760	1,064	1,090	1,117	1,143	1,170	1,197	32,017
Tool Room Automation (9965)	0	0	269	0	0	0	0	0	269
Transformer and Network Load Management Tools Upgrade (9952)	0	1,055	107	0	0	0	0	0	1,162
Transmission & Generation Radio Systems (9108)	12,152	2,025	488	426	436	446	457	0	16,430
Work and Asset Management System (9941)	31,418	6,340	0	0	0	0	0	0	37,758
<b>C5 Distribution - Distribution Other</b>	<b>107,674</b>	<b>23,780</b>	<b>10,168</b>	<b>8,185</b>	<b>7,185</b>	<b>6,340</b>	<b>7,230</b>	<b>13,211</b>	<b>183,773</b>
<b>D1 External Projects - Local Jurisdictions</b>						<b>BCL/Program Code:</b>		<b>SCL370-D1</b>	
Burien Undergrounding - Phase 2 (8401)	5,114	3,027	0	0	0	0	0	0	8,141
Citywide Undergrounding Initiative - City Light (8403)	0	3,120	0	0	0	0	11	12	3,143
SeaTac Undergrounding (8444)	721	17	0	0	0	0	0	0	738
Shoreline Undergrounding: North City and Aurora Avenue North (8320)	24,397	10,618	962	988	42	0	0	0	37,007
Streetlight Infrastructure Replacement (8460)	0	1,995	2,875	2,944	3,014	3,086	3,158	3,232	20,304
Streetlight LED Conversion Program (8441)	12,186	5,111	5,382	5,510	5,643	5,776	5,402	6,048	51,058
Streetlights: Arterial, Residential and Floodlights (8378)	17,029	2,996	3,202	3,282	3,194	3,269	3,346	3,639	39,957

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Transportation Streetlights (8377)	5,356	922	1,499	1,701	686	548	560	571	11,843
<b>D1 External Projects - Local Jurisdictions</b>	64,803	27,806	13,920	14,425	12,579	12,679	12,477	13,502	172,191
<b>D2 External Projects - Transportation Relocations</b>						<b>BCL/Program Code:</b>			<b>SCL370-D2</b>
Alaskan Way Viaduct and Seawall Replacement - Utility Relocs (8307)	54,143	42,148	7,817	28,657	8,469	8,382	8,327	0	157,943
First Hill Connector Streetcar (8442)	1,501	2,110	23	17	0	0	0	0	3,651
Mercer Corridor Relocations (8376)	11,266	6,246	0	0	0	0	0	0	17,512
Mercer Corridor West Phase Relocations (8443)	324	2,958	563	412	577	0	0	0	4,834
Sound Transit Light Rail - City Light (8204)	47,371	6	173	0	0	0	0	0	47,550
Sound Transit Light Rail East Link - City Light (8450)	0	42	191	1,105	39	0	0	0	1,377
Sound Transit Northlink - City Light (8427)	356	3,174	1,924	946	2,171	20	0	0	8,591
Transportation Driven Relocations (8369)	10,940	2,729	3,336	3,162	2,638	2,512	2,784	6,322	34,423
<b>D2 External Projects - Transportation Relocations</b>	125,901	59,413	14,027	34,299	13,894	10,914	11,111	6,322	275,881
<b>D3 External Projects - Customer Other</b>						<b>BCL/Program Code:</b>			<b>SCL370-D3</b>
Creston-Nelson to Intergate East Feeder Installation (8430)	685	4,361	1,644	42	0	0	0	0	6,732
Neighborhood Voluntary Undergrounding Program (8383)	277	470	2	2	2	2	13	13	781
<b>D3 External Projects - Customer Other</b>	962	4,831	1,646	44	2	2	13	13	7,513
<b>E1 Central Utility Projects - Customer and Billing</b>						<b>BCL/Program Code:</b>			<b>SCL370-E1</b>
Customer Information System (9937)	0	16,362	3,916	1,707	0	0	0	0	21,985
<b>E1 Central Utility Projects - Customer and Billing</b>	0	16,362	3,916	1,707	0	0	0	0	21,985
<b>E2 Central Utility Projects - Finance and IT Systems</b>						<b>BCL/Program Code:</b>			<b>SCL550-E2</b>
Energy Management System (9956)	0	0	9,304	7,378	5,411	0	0	0	22,093
Enterprise Document Management System (9962)	0	533	386	714	618	626	527	545	3,949

\*Amounts in thousands of dollars

**2014 - 2019 Proposed Capital Improvement Program**

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Enterprise Performance Management (9933)	3,148	831	450	643	895	0	0	0	5,967
Information Technology Disaster Recovery (9964)	0	655	618	0	0	0	0	0	1,273
Information Technology Infrastructure (9915)	41,456	4,054	3,106	3,343	3,666	3,923	3,749	6,922	70,219
Integrated Budget System (9955)	15	738	548	0	0	0	0	0	1,301
Inventory System Redevelopment (9959)	0	1,208	526	0	0	0	0	0	1,734
IT Security Upgrades (9960)	0	887	810	1,140	558	515	559	920	5,389
PC, Windows, Software Upgrades (9951)	2,159	2,516	115	0	0	0	0	0	4,790
Summit FinMap Upgrade - City Light (9961)	0	1,200	1,281	0	0	0	0	0	2,481
<b>E2 Central Utility Projects - Finance and IT Systems</b>	<b>46,778</b>	<b>12,622</b>	<b>17,144</b>	<b>13,218</b>	<b>11,148</b>	<b>5,064</b>	<b>4,835</b>	<b>8,387</b>	<b>119,196</b>
<b>E3 Central Utility Projects - Fleets and Facilities</b>									
									<b>BCL/Program Code:</b>
									<b>SCL250-E3</b>
Bothell Substation - New Sewer System (7781)	27	79	0	0	0	0	0	0	106
Bothell Substation - Water Tower Removal (7782)	47	861	0	0	0	0	0	0	908
Bothell Substation Environmental Remediation (9231)	0	678	754	0	0	0	0	0	1,432
Building Envelope Upgrades (9072)	6,480	3,801	1,107	1,677	1,470	1,464	1,322	2,116	19,437
Energy Conservation (9320)	1,525	254	239	356	327	335	483	146	3,665
Environmental Safeguarding and Remediation of Facilities (9152)	725	442	126	49	50	51	52	0	1,495
Equipment Fleet Replacement (9101)	79,112	12,764	7,262	4,434	4,670	3,225	4,275	8,980	124,722
Facilities Infrastructure Improvements (9156)	1,773	545	567	379	387	396	405	0	4,452
Facilities Regulatory Compliance (9151)	88	382	295	119	121	124	127	0	1,256
Miscellaneous Building Improvements (9007)	13,902	1,889	2,473	1,150	1,172	1,200	1,001	1,255	24,042
North and South Service Center Improvements (9107)	27,440	3,252	718	512	317	287	479	311	33,316
North Service Center Interim Work (9220)	3,314	1,988	152	198	0	0	0	0	5,652
Office Furniture and Equipment Purchase (9103)	25,696	506	219	542	556	569	4	594	28,686

\*Amounts in thousands of dollars

**2014 - 2019 Proposed Capital Improvement Program**

## Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Pole Yard Relocation (9226)	251	273	0	0	0	0	0	0	524
Safety Modifications (9006)	3,602	1,447	579	1,312	1,347	1,379	503	1,440	11,609
Seismic Mitigation (9134)	4,567	57	61	32	33	34	34	0	4,818
South Service Center Spokane Exit Modification (9215)	3,104	5,029	276	0	0	0	0	0	8,409
Special Work Equipment - Shops (8389)	972	155	165	303	311	318	326	0	2,550
Substation Comprehensive Improvements (9161)	2,580	1,112	312	195	199	203	1,011	837	6,449
Technical Training Center Development (9230)	0	4,832	6,152	2,500	0	0	0	0	13,484
Workplace and Process Improvement (9159)	2,889	1,421	607	1,050	1,191	1,103	753	672	9,686
<b>E3 Central Utility Projects - Fleets and Facilities</b>	178,094	41,767	22,064	14,808	12,151	10,688	10,775	16,351	306,698
<b>Department Total*:</b>	1,479,661	440,782	291,159	389,666	405,451	282,252	257,185	320,367	3,866,523

\*Amounts in thousands of dollars

**2014 - 2019 Proposed Capital Improvement Program**

**Fund Summary**

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
City Light Fund (41000)	1,479,661	440,782	291,159	389,666	405,451	282,252	257,185	320,367	3,866,523
<b>Department Total*:</b>	1,479,661	440,782	291,159	389,666	405,451	282,252	257,185	320,367	3,866,523

*\*Amounts in thousands of dollars*

# Seattle City Light

## Advanced Metering Infrastructure

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	8426	<b>End Date:</b>	Q4/2020
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces approximately 400,000 existing meters, residential or commercial, with Smart Meters allowing two-way communication between Seattle City Light and its customers. The project deploys a fundamental component of Smart Grid technology. Smart Meters continuously record and transmit consumption data to the utility. Smart Meters 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 NERC and FERC programs and requirements.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	28,595	27,456	28,483	4,628	3,186	92,348
<b>Total:</b>	0	0	0	28,595	27,456	28,483	4,628	3,186	92,348
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	28,595	27,456	28,483	4,628	3,186	92,348
<b>Total*:</b>	0	0	0	28,595	27,456	28,483	4,628	3,186	92,348
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Alaskan Way Viaduct and Seawall Replacement - Utility Relocs

<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2002
<b>Project ID:</b>	8307	<b>End Date:</b>	Q4/2018
<b>Location:</b>	SR 99 / Battery St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project relocates Seattle City Light's infrastructure associated with the replacement of the Alaskan Way Viaduct and improvements to the Seawall and Central waterfront.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	54,143	42,148	7,817	28,657	8,469	8,382	8,327	0	157,943
<b>Total:</b>	54,143	42,148	7,817	28,657	8,469	8,382	8,327	0	157,943
<b>Fund Appropriations/Allocations</b>									
City Light Fund	54,143	42,148	7,817	28,657	8,469	8,382	8,327	0	157,943
<b>Total*:</b>	54,143	42,148	7,817	28,657	8,469	8,382	8,327	0	157,943
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		18,071	13,394	24,635	17,611	16,396	14,574	0	104,681
<b>Total:</b>		18,071	13,394	24,635	17,611	16,396	14,574	0	104,681

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Asset Management Program

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	9940	<b>End Date:</b>	Q4/2013
<b>Location:</b>	700 5th Avenue		
<b>Neighborhood Plan:</b>	Commercial Core	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project designs, develops, and implements hardware and software, and procures tools to facilitate asset inventory and condition assessment record keeping, preventive maintenance, and development of planning and design standards. Implementation of the information technology (data and system) to support the Lifecycle Asset Management Program is contained in 9941, Work and Asset Management System.

		LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
City Light Fund Revenues		774	493	0	0	0	0	0	0	1,267
<b>Total:</b>		774	493	0	0	0	0	0	0	1,267
<b>Fund Appropriations/Allocations</b>										
City Light Fund		774	493	0	0	0	0	0	0	1,267
<b>Total*:</b>		774	493	0	0	0	0	0	0	1,267
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
City Light Fund			10	0	0	0	0	0	0	10
<b>Total:</b>			10	0	0	0	0	0	0	10

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**Automated Utility Design Implementation**

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	9950	<b>End Date:</b>	Q4/2014
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project purchases and installs Automatic Utility Design (AUD), a new engineering design software tool to replace outdated drafting software, which is no longer supported by the vendor. The AUD software will provide significant design and production efficiencies at a time when the engineering work load is increasing because of a shift to the engineers of production tasks. Additionally, the AUD software will enforce common North and South Service Center engineering practices and procedures and provide an essential interface with the Work and Asset Management System (WAMS) and the Outage Management System (OMS).

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	149	2,325	744	0	0	0	0	0	3,218
<b>Total:</b>	149	2,325	744	0	0	0	0	0	3,218
<b>Fund Appropriations/Allocations</b>									
City Light Fund	149	2,325	744	0	0	0	0	0	3,218
<b>Total*:</b>	149	2,325	744	0	0	0	0	0	3,218
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,685	1,360	0	0	0	0	0	3,045
<b>Total:</b>		1,685	1,360	0	0	0	0	0	3,045

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Bothell Substation - New Sewer System**

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	7781	<b>End Date:</b>	Q4/2014
<b>Location:</b>	3912 156th St SE, Bothell, WA 98012		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project installs a new sewer system at City Light's Bothell Substation and connects it to the Silver Lake Water District sewer system. It abandons or decommissions the station's septic system. The project includes disconnecting connections, and removing and replacing existing underground electrical safety conductors. The project minimizes the risk that (a) the Snohomish County Health Department will declare the system unsafe and disallow its continued use and/or require immediate repair, replacement or connection to the Silverlake Water District system, and/or (b) the system will cause contamination of the wetlands, thereby necessitating removal and/or other mitigation.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	27	79	0	0	0	0	0	0	106
<b>Total:</b>	27	79	0	0	0	0	0	0	106
<b>Fund Appropriations/Allocations</b>									
City Light Fund	27	79	0	0	0	0	0	0	106
<b>Total*:</b>	27	79	0	0	0	0	0	0	106
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1	0	0	0	0	0	0	1
<b>Total:</b>		1	0	0	0	0	0	0	1

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Bothell Substation - Water Tower Removal**

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	7782	<b>End Date:</b>	Q4/2012
<b>Location:</b>	3912 156th St SE, Bothell, WA 98012		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project removes water from, dismantles, removes, and disposes of the Bothell Substation water tower and its foundations, and removes and replaces impacted ground covering. The project includes disconnecting tower connections to the station's current water/deluge system. This project mitigates the likelihood of harm or damage to staff, equipment, systems and possibly members of the public that is very likely in the event of seismic activity.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	47	861	0	0	0	0	0	0	908
<b>Total:</b>	47	861	0	0	0	0	0	0	908
<b>Fund Appropriations/Allocations</b>									
City Light Fund	47	861	0	0	0	0	0	0	908
<b>Total*:</b>	47	861	0	0	0	0	0	0	908
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		740	0	0	0	0	0	0	740
<b>Total:</b>		740	0	0	0	0	0	0	740

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Bothell Substation Environmental Remediation

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	9231	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	678	754	0	0	0	0	0	1,432
<b>Total:</b>	0	678	754	0	0	0	0	0	1,432
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	678	754	0	0	0	0	0	1,432
<b>Total*:</b>	0	678	754	0	0	0	0	0	1,432
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,104	754	0	0	0	0	0	1,858
<b>Total:</b>		1,104	754	0	0	0	0	0	1,858

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary - DC Battery System & Charge Modernization

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	6566	<b>End Date:</b>	Q4/2015
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will replace the existing DC battery system at Boundary.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	439	514	0	0	0	0	953
<b>Total:</b>	0	0	439	514	0	0	0	0	953
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	439	514	0	0	0	0	953
<b>Total*:</b>	0	0	439	514	0	0	0	0	953
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary - Licensing Mitigation

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	6987	<b>End Date:</b>	Q4/2027
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project implements Protection, Mitigation and Enhancement measures (PME) required by the terms and conditions of a settlement agreement and new license to be issued by 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	184	16,653	14,047	26,434	31,163	17,610	21,650	7,850	135,591
<b>Total:</b>	184	16,653	14,047	26,434	31,163	17,610	21,650	7,850	135,591
<b>Fund Appropriations/Allocations</b>									
City Light Fund	184	16,653	14,047	26,434	31,163	17,610	21,650	7,850	135,591
<b>Total*:</b>	184	16,653	14,047	26,434	31,163	17,610	21,650	7,850	135,591
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		20,089	18,426	26,434	31,163	17,610	21,650	7,850	143,222
<b>Total:</b>		20,089	18,426	26,434	31,163	17,610	21,650	7,850	143,222

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## 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Boundary - New Unit - 57

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2017
<b>Project ID:</b>	6533	<b>End Date:</b>	Q4/2021
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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, and allowing steady state operation; minimization of Total Dissolved Gas values in certain spill conditions; to provide more power production instead of wasting water resources to spill.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	105	305	1,355	1,765
<b>Total:</b>	0	0	0	0	0	105	305	1,355	1,765
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	105	305	1,355	1,765
<b>Total*:</b>	0	0	0	0	0	105	305	1,355	1,765
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	0	0	105	305	697	1,107
<b>Total:</b>		0	0	0	0	105	305	697	1,107

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Dam - Emergency Lighting Improvements

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6342	<b>End Date:</b>	Q4/2013
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project enhances emergency lighting which is inadequate or nonexistent at various locations throughout the Boundary facility. It also corrects areas within the facility where wiring and cables may be damaged and require repair or replacement.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	871	94	0	0	0	0	0	0	965
<b>Total:</b>	871	94	0	0	0	0	0	0	965
<b>Fund Appropriations/Allocations</b>									
City Light Fund	871	94	0	0	0	0	0	0	965
<b>Total*:</b>	871	94	0	0	0	0	0	0	965
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		75	0	0	0	0	0	0	75
<b>Total:</b>		75	0	0	0	0	0	0	75

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Dam - Instrumentation Upgrade and Integration

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	6343	<b>End Date:</b>	Q4/2016
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	6,435	795	751	290	109	0	0	0	8,380
<b>Total:</b>	6,435	795	751	290	109	0	0	0	8,380
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,435	795	751	290	109	0	0	0	8,380
<b>Total*:</b>	6,435	795	751	290	109	0	0	0	8,380
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,846	751	290	109	0	0	0	2,996
<b>Total:</b>		1,846	751	290	109	0	0	0	2,996

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Dam - Outrigger/Transformer Line Replacement System

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	6357	<b>End Date:</b>	Q4/2013
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides methods which allow re-conductoring between the transformer and the outriggers at the top of the cliff without exposing personnel to potential rock falls. It enhances safety as there will be lesser need to deploy anyone over the side of the cliff to repair damaged conductors, and provides a safe method for replacement of damaged conductors from within and/or above the transformer bay to avoid or minimize worker's exposure to rock fall hazards. The project also designs and fabricates two replacement outriggers and funds replacement of Unit 55 conductors damaged by several rock fall incidents.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	751	27	0	0	0	0	0	0	778
<b>Total:</b>	751	27	0	0	0	0	0	0	778
<b>Fund Appropriations/Allocations</b>									
City Light Fund	751	27	0	0	0	0	0	0	778
<b>Total*:</b>	751	27	0	0	0	0	0	0	778
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		15	0	0	0	0	0	0	15
<b>Total:</b>		15	0	0	0	0	0	0	15

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Dam - Spillgate Hoist House Rehab & Oil Control

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6349	<b>End Date:</b>	Q4/2013
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project enhances the reliability of a critical asset, required to be operational by FERC for flood control, reduces maintenance requirements and addresses safety and health issues. The project replaces the spillgate hoist houses to provide better weather protection, adequate lighting, and to prevent intrusion by animals. It also designs and installs methods to contain oil spills from the hoisting equipment.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	844	69	0	0	0	0	0	0	913
<b>Total:</b>	844	69	0	0	0	0	0	0	913
<b>Fund Appropriations/Allocations</b>									
City Light Fund	844	69	0	0	0	0	0	0	913
<b>Total*:</b>	844	69	0	0	0	0	0	0	913
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		18	0	0	0	0	0	0	18
<b>Total:</b>		18	0	0	0	0	0	0	18

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Dam - Units 51-54 Turbine Pit Cranes

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6350	<b>End Date:</b>	Q4/2013
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project installs monorail hoist systems in the Units 51-54 turbine pits to reduce the difficulty and time required for maintenance and assembly of wicket gate linkages and other components.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	158	0	0	0	0	0	0	158
<b>Total:</b>	0	158	0	0	0	0	0	0	158
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	158	0	0	0	0	0	0	158
<b>Total*:</b>	0	158	0	0	0	0	0	0	158
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		0	0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Facility - Electrical System Upgrades

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	6432	<b>End Date:</b>	Q4/2016
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides for electrical upgrades at the Boundary site to install new switchgear, eliminating the need to take an outage on Bank 5 in order to perform maintenance on Disconnect 25, Bank 25; install new receptacles to eliminate unsafe receptacles and running long, large portable cords; modify panel board to eliminate the potential for opening of equipment ground and replacing worn conductors to eliminates exposed wires, both serious hazards.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,275	(9)	0	179	55	0	0	0	1,500
<b>Total:</b>	1,275	(9)	0	179	55	0	0	0	1,500
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,275	(9)	0	179	55	0	0	0	1,500
<b>Total*:</b>	1,275	(9)	0	179	55	0	0	0	1,500
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	179	55	0	0	0	234
<b>Total:</b>		0	0	179	55	0	0	0	234

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Facility - Minor Improvements Program

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1989
<b>Project ID:</b>	6401	<b>End Date:</b>	Q4/2020
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides financial coverage for emergent capital projects, specifically related to Boundary Facilities. These projects are, by definition, unforeseeable, unscheduled, unpredictable, and occur on a first-come, first serve basis. This project shows increased project allocations in years 2015 to 2017. This increase reflects anticipated baseline CIP spending levels for the Boundary Facility that are in line with Strategic Plan assumptions. These future year allocations will be broken out into specific CIP projects.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	12,196	2,588	619	529	3,059	11,285	2,952	3,311	36,539
<b>Total:</b>	12,196	2,588	619	529	3,059	11,285	2,952	3,311	36,539
<b>Fund Appropriations/Allocations</b>									
City Light Fund	12,196	2,588	619	529	3,059	11,285	2,952	3,311	36,539
<b>Total*:</b>	12,196	2,588	619	529	3,059	11,285	2,952	3,311	36,539
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,073	619	529	3,059	11,285	2,952	3,311	22,828
<b>Total:</b>		1,073	619	529	3,059	11,285	2,952	3,311	22,828

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Boundary Powerhouse - Transformer Bank Rockfall Mitigation

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	6485	<b>End Date:</b>	Q4/2021
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project constructs an intermediate switchyard at Boundary, installs new cables routed through tunnels to the surface from the Boundary Dam transformers to the switchyard, and constructs a transmission line from the switchyard to the BPA Switching Station. This project mitigates the likelihood of rock fall damage to a transformer, the bonnet over the transformer, transformer equipment, conductors, or outriggers. It reduces the likelihood of damage from such an incident which could be catastrophic and result in extended outages, personal injury, and death.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	502	1,265	0	59	62	66	0	280	2,234
<b>Total:</b>	502	1,265	0	59	62	66	0	280	2,234
<b>Fund Appropriations/Allocations</b>									
City Light Fund	502	1,265	0	59	62	66	0	280	2,234
<b>Total*:</b>	502	1,265	0	59	62	66	0	280	2,234
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	59	62	66	0	280	467
<b>Total:</b>		0	0	59	62	66	0	280	467

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Powerhouse - Unit 51 Generator Rebuild

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2018
<b>Project ID:</b>	6351	<b>End Date:</b>	Q4/2021
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project funds 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, and may also include a rotor-mounted scanner or other diagnostic equipment if sufficiently available.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	1,615	10,516	12,131
<b>Total:</b>	0	0	0	0	0	0	1,615	10,516	12,131
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	1,615	10,516	12,131
<b>Total*:</b>	0	0	0	0	0	0	1,615	10,516	12,131
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	0	0	0	1,615	4,375	5,990
<b>Total:</b>		0	0	0	0	0	1,615	4,375	5,990

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Powerhouse - Unit 52 Generator Rebuild

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2017
<b>Project ID:</b>	6535	<b>End Date:</b>	Q4/2020
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project rebuilds Generator Unit 52 at the Boundary Powerhouse, as the current unit has reached the end of its normal service life. Rewind and rehabilitate the U52 generator includes stator core, stator bars, rotor poles etc. Mechanical upgrades such as seal rings and wicket gates may also be installed.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	1,562	10,275	4,199	16,036
<b>Total:</b>	0	0	0	0	0	1,562	10,275	4,199	16,036
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	1,562	10,275	4,199	16,036
<b>Total*:</b>	0	0	0	0	0	1,562	10,275	4,199	16,036
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	0	0	1,562	10,275	2,012	13,849
<b>Total:</b>		0	0	0	0	1,562	10,275	2,012	13,849

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Powerhouse - Unit 53 Generator Rebuild

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	6352	<b>End Date:</b>	Q4/2014
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project funds the rewinding and refurbishing of the Unit 53 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
City Light Fund Revenues		0	0	6,970	0	0	0	0	0	6,970
<b>Total:</b>		0	0	6,970	0	0	0	0	0	6,970
<b>Fund Appropriations/Allocations</b>										
City Light Fund		0	0	6,970	0	0	0	0	0	6,970
<b>Total*:</b>		0	0	6,970	0	0	0	0	0	6,970
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
City Light Fund		12,524	6,970	0	0	0	0	0	0	19,494
<b>Total:</b>		12,524	6,970	0	0	0	0	0	0	19,494

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Powerhouse - Unit 54 Generator Rebuild

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2016
<b>Project ID:</b>	6353	<b>End Date:</b>	Q4/2019
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project funds the rewinding and refurbishing of the 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 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	388	6,976	1,573	94	9,031
<b>Total:</b>	0	0	0	0	388	6,976	1,573	94	9,031
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	388	6,976	1,573	94	9,031
<b>Total*:</b>	0	0	0	0	388	6,976	1,573	94	9,031
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Powerhouse - Unit 55 Generator Rebuild

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	6303	<b>End Date:</b>	Q4/2018
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project rewinds and refurbishes the Unit 55 generator, part of a programmatic series of projects to maintain and extend the useful life of the Utility's aging generators, reducing the potential for generator failure. The project also replaces the carbon dioxide fire-suppression system with a water sprinkler system, to improve safety, and may include a rotor-mounted scanner or other diagnostic equipment as part of the rebuild.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	13,920	11,643	272	239	1,623	275	193	0	28,165
<b>Total:</b>	13,920	11,643	272	239	1,623	275	193	0	28,165
<b>Fund Appropriations/Allocations</b>									
City Light Fund	13,920	11,643	272	239	1,623	275	193	0	28,165
<b>Total*:</b>	13,920	11,643	272	239	1,623	275	193	0	28,165
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		9,834	3,934	239	620	848	623	0	16,098
<b>Total:</b>		9,834	3,934	239	620	848	623	0	16,098

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Powerhouse - Unit 55 Turbine Runner Replacement

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	6491	<b>End Date:</b>	Q4/2015
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Outside Seattle City	<b>Urban Village:</b>	Outside Seattle City

This project replaces the Boundary Unit 55 turbine runner, to enhance Unit efficiency.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	12,610	2,032	42	57	0	0	0	0	14,741
<b>Total:</b>	12,610	2,032	42	57	0	0	0	0	14,741
<b>Fund Appropriations/Allocations</b>									
City Light Fund	12,610	2,032	42	57	0	0	0	0	14,741
<b>Total*:</b>	12,610	2,032	42	57	0	0	0	0	14,741
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,686	42	57	0	0	0	0	2,785
<b>Total:</b>		2,686	42	57	0	0	0	0	2,785

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Powerhouse - Unit 56 Generator Rebuild

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	6354	<b>End Date:</b>	Q4/2016
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,547	12,418	5,636	2,076	315	0	0	0	24,992
<b>Total:</b>	4,547	12,418	5,636	2,076	315	0	0	0	24,992
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,547	12,418	5,636	2,076	315	0	0	0	24,992
<b>Total*:</b>	4,547	12,418	5,636	2,076	315	0	0	0	24,992
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,831	8,223	7,411	987	0	0	0	19,452
<b>Total:</b>		2,831	8,223	7,411	987	0	0	0	19,452

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Boundary Powerhouse - Unit 56 Turbine Runner Replacement

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	6490	<b>End Date:</b>	Q4/2015
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Outside Seattle City	<b>Urban Village:</b>	Outside Seattle City

This project replaces the Boundary Unit 56 turbine runner, to enhance Unit efficiency.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,197	8,389	3,679	2,396	0	0	0	0	17,661
<b>Total:</b>	3,197	8,389	3,679	2,396	0	0	0	0	17,661
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,197	8,389	3,679	2,396	0	0	0	0	17,661
<b>Total*:</b>	3,197	8,389	3,679	2,396	0	0	0	0	17,661
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		5,287	3,679	2,396	0	0	0	0	11,362
<b>Total:</b>		5,287	3,679	2,396	0	0	0	0	11,362

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Seal Ring and Bushing Improvements

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	6525	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project replaces bushings and seal rings on Generator Units 51 through 56. Recent inspections have indicated failure of some of the bushings and problems with failing seals that are designed to maintain cleanliness in the self lubricating bushings. Based on these inspections and testing of the seals, it is clear that the durability of the present seal bushing arrangement will not meet the long term reliability that is needed in these units. The importance of the bushings is to ensure reliable turbine operations.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,160	2,752	12	0	0	0	0	0	4,924
<b>Total:</b>	2,160	2,752	12	0	0	0	0	0	4,924
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,160	2,752	12	0	0	0	0	0	4,924
<b>Total*:</b>	2,160	2,752	12	0	0	0	0	0	4,924
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		931	12	0	0	0	0	0	943
<b>Total:</b>		931	12	0	0	0	0	0	943

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Boundary Switchyard - Generator Step-up Transformers

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	6493	<b>End Date:</b>	Q4/2021
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces existing step-up transformers at Boundary Dam, which are 50 years old and have exceeded their reliable service life. This project also includes a spare transformer as normal delivery time for transformers from order to on-site is 18 to 24 months. This project enhances long term reliability and allows for City Light to avoid a prolonged loss of generation capacity.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	94	4,492	329	5,394	5,506	5,976	5,771	5,947	33,509
<b>Total:</b>	94	4,492	329	5,394	5,506	5,976	5,771	5,947	33,509
<b>Fund Appropriations/Allocations</b>									
City Light Fund	94	4,492	329	5,394	5,506	5,976	5,771	5,947	33,509
<b>Total*:</b>	94	4,492	329	5,394	5,506	5,976	5,771	5,947	33,509
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		94	329	3,579	7,321	2,201	3,890	7,780	25,194
<b>Total:</b>		94	329	3,579	7,321	2,201	3,890	7,780	25,194

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**Broad Street Substation - Network**

<b>BCL/Program Name:</b>	C2 Distribution - Network	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	8203	<b>End Date:</b>	Q4/2020
<b>Location:</b>	319 6th AV N		
<b>Neighborhood Plan:</b>	South Lake Union	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	58,954	5,541	8,358	7,739	7,697	3,205	3,384	7,419	102,297
<b>Total:</b>	58,954	5,541	8,358	7,739	7,697	3,205	3,384	7,419	102,297
<b>Fund Appropriations/Allocations</b>									
City Light Fund	58,954	5,541	8,358	7,739	7,697	3,205	3,384	7,419	102,297
<b>Total*:</b>	58,954	5,541	8,358	7,739	7,697	3,205	3,384	7,419	102,297
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,705	8,358	7,739	7,697	3,205	3,384	7,419	41,507
<b>Total:</b>		3,705	8,358	7,739	7,697	3,205	3,384	7,419	41,507

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Broadband - City Light

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	8465	<b>End Date:</b>	Q4/2020
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	2,409	2,466	2,536	2,696	2,657	2,719	15,483
<b>Total:</b>	0	0	2,409	2,466	2,536	2,696	2,657	2,719	15,483
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	2,409	2,466	2,536	2,696	2,657	2,719	15,483
<b>Total*:</b>	0	0	2,409	2,466	2,536	2,696	2,657	2,719	15,483
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		460	2,409	2,466	2,536	2,696	2,657	2,719	15,943
<b>Total:</b>		460	2,409	2,466	2,536	2,696	2,657	2,719	15,943

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Building Envelope Upgrades

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	9072	<b>End Date:</b>	Q4/2019
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces or restores exterior moisture and thermal barrier components of buildings such as roofing and insulation systems, exterior siding and cladding systems, windows and exterior doors. This project allows for the proactive replacement of building exteriors in order to avert costly structural damage and prevent the growth of toxic mold inside wall cavities and ceiling spaces that can easily render a building uninhabitable. The project also enhances operational efficiency by mitigating emergency repairs which disrupt utility operations.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	6,480	3,801	1,107	1,677	1,470	1,464	1,322	2,116	19,437
<b>Total:</b>	6,480	3,801	1,107	1,677	1,470	1,464	1,322	2,116	19,437
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,480	3,801	1,107	1,677	1,470	1,464	1,322	2,116	19,437
<b>Total*:</b>	6,480	3,801	1,107	1,677	1,470	1,464	1,322	2,116	19,437
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,358	1,107	1,677	1,470	1,464	1,322	2,116	10,514
<b>Total:</b>		1,358	1,107	1,677	1,470	1,464	1,322	2,116	10,514

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### 2014 - 2019 Proposed Capital Improvement Program

**Burien Undergrounding - Phase 2**

<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	8401	<b>End Date:</b>	Q4/2013
<b>Location:</b>	1st Ave South/145th Street/139th Street		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the City of Burien to fund undergrounding of electrical distribution facilities during Phase 2 (146th Street to 140th Street) of the First Avenue South road improvement project. Project costs are recovered through adjustments to electrical rates charged to Seattle City Light customers in that jurisdiction.

The project enhances regional relationships, and allows SCL to comply with the terms and conditions set forth in the franchise agreement between Seattle City Light and the City of Burien.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,114	3,027	0	0	0	0	0	0	8,141
<b>Total:</b>	5,114	3,027	0	0	0	0	0	0	8,141
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,114	3,027	0	0	0	0	0	0	8,141
<b>Total*:</b>	5,114	3,027	0	0	0	0	0	0	8,141
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,503	0	0	0	0	0	0	2,503
<b>Total:</b>		2,503	0	0	0	0	0	0	2,503

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**2014 - 2019 Proposed Capital Improvement Program**

**Cedar Falls - Bank 6 Replacement**

<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2018
<b>Project ID:</b>	6573	<b>End Date:</b>	Q4/2020
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project replaces the power step up transformer at Cedar Falls.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	360	2,348	2,708
<b>Total:</b>	0	0	0	0	0	0	360	2,348	2,708
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	360	2,348	2,708
<b>Total*:</b>	0	0	0	0	0	0	360	2,348	2,708
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2014 - 2019 Proposed Capital Improvement Program**



# Seattle City Light

## Cedar Falls - DC Battery System and Charge Modernization

<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	6572	<b>End Date:</b>	Q4/2015
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will replace the existing DC battery system at Cedar Falls.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	264	0	0	0	0	264
<b>Total:</b>	0	0	0	264	0	0	0	0	264
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	264	0	0	0	0	264
<b>Total*:</b>	0	0	0	264	0	0	0	0	264
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

**Seattle City Light**

**Cedar Falls - Masonry Dam Stream Flow System Retrofit**

<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	6534	<b>End Date:</b>	Q4/2015
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	154	43	0	0	0	0	197
<b>Total:</b>	0	0	154	43	0	0	0	0	197
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	154	43	0	0	0	0	197
<b>Total*:</b>	0	0	154	43	0	0	0	0	197
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2014 - 2019 Proposed Capital Improvement Program**

**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:** Q4/2016  
**Location:**  
**Neighborhood Plan:** Not in Neighborhood Plan      **Neighborhood Plan Matrix:**  
**Neighborhood District:**      **Urban Village:**

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	233	89	0	0	0	322
<b>Total:</b>	0	0	0	233	89	0	0	0	322
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	233	89	0	0	0	322
<b>Total*:</b>	0	0	0	233	89	0	0	0	322
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Cedar Falls Powerhouse - Penstock Stabilization

<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	6358	<b>End Date:</b>	Q4/2020
<b>Location:</b>	19901 Cedar Falls Rd SE, North Bend, WA 98045		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project installs a seismic upgrade of penstock bridges, repairs sagging or broken penstock support saddles, and refurbishes the exterior surfaces to extend the life of two 78-inch diameter steel penstocks. It also reduces risks of damage from earthquakes and restores the exterior coating on the pipes in the areas where the penstocks are buried. Any penstock failure will likely damage the environment and Seattle's water supply, and could jeopardize the City's ability to fulfill its obligation to regulate fish flows in the Cedar River.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,075	147	0	172	46	2,509	1,816	1,414	8,179
<b>Total:</b>	2,075	147	0	172	46	2,509	1,816	1,414	8,179
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,075	147	0	172	46	2,509	1,816	1,414	8,179
<b>Total*:</b>	2,075	147	0	172	46	2,509	1,816	1,414	8,179
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	172	46	813	1,506	3,420	5,957
<b>Total:</b>		0	0	172	46	813	1,506	3,420	5,957

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Cedar Falls Powerhouse - Unit 5/6 Generator Protective Relay

<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	6450	<b>End Date:</b>	Q4/2016
<b>Location:</b>	19901 Cedar Falls Rd SE, North Bend, WA 98045		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project upgrades the present generator protection for Units 5 and 6, which lacks some basic protection elements to protect it from abnormal frequency and voltages. This project replaces existing protective relays, upgrades the generator protection packages, and replaces the electrical and mechanical lockout relays. The project permits City Light to comply with the North American Electric Reliability Council (NERC) and the Western Electricity Coordinating Council (WECC) regional requirements for maintaining the generator in-service during system disturbances.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,004	(22)	0	493	52	0	0	0	1,527
<b>Total:</b>	1,004	(22)	0	493	52	0	0	0	1,527
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,004	(22)	0	493	52	0	0	0	1,527
<b>Total*:</b>	1,004	(22)	0	493	52	0	0	0	1,527
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	493	52	0	0	0	545
<b>Total:</b>		0	0	493	52	0	0	0	545

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Cedar Falls/South Fork Tolt - Minor Improvements Program

<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6406	<b>End Date:</b>	Q4/2021
<b>Location:</b>	19901 Cedar Falls Rd SE, North Bend, WA 98045		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides financial coverage for emergent capital projects related to the Cedar Falls and South Fork Tolt Facilities. In addition, it funds scheduled, small capital projects that have cost estimates less than \$25,000. These projects are, by definition, unforeseeable, unscheduled, unpredictable, and occur on a first-come, first serve basis. This project shows increased project allocations in years 2015 to 2018. This increase reflects anticipated baseline CIP spending levels for the Cedar Falls and South Fork Tolt Facility that are in line with Strategic Plan assumptions. These future year allocations will be broken out into specific CIP projects for the next year's CIP.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,333	921	625	556	1,709	1,607	1,120	1,144	13,015
<b>Total:</b>	5,333	921	625	556	1,709	1,607	1,120	1,144	13,015
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,333	921	625	556	1,709	1,607	1,120	1,144	13,015
<b>Total*:</b>	5,333	921	625	556	1,709	1,607	1,120	1,144	13,015
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		675	625	556	1,709	1,607	1,120	1,144	7,436
<b>Total:</b>		675	625	556	1,709	1,607	1,120	1,144	7,436

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Citywide Undergrounding Initiative - City Light

<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	8403	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides funding for emergent undergrounding projects. It provides a baseline commitment to take advantage of undergrounding opportunities in the course of transportation and utility projects in the City.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	3,120	0	0	0	0	11	12	3,143
<b>Total:</b>	0	3,120	0	0	0	0	11	12	3,143
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	3,120	0	0	0	0	11	12	3,143
<b>Total*:</b>	0	3,120	0	0	0	0	11	12	3,143
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		32	10	11	11	11	11	12	98
<b>Total:</b>		32	10	11	11	11	11	12	98

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Communications Improvements

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9009	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program provides funding for unforeseen emergent and critical work on City Light's communications systems to replace communications components due to failure, changing regulatory and security requirements, and requests from customers or other agencies. This project enhances flexibility to address emergent communication systems problems.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	10,572	1,640	1,047	1,183	1,434	1,047	1,104	1,278	19,305
<b>Total:</b>	10,572	1,640	1,047	1,183	1,434	1,047	1,104	1,278	19,305
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10,572	1,640	1,047	1,183	1,434	1,047	1,104	1,278	19,305
<b>Total*:</b>	10,572	1,640	1,047	1,183	1,434	1,047	1,104	1,278	19,305
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,518	1,047	1,183	1,434	1,047	1,104	1,278	8,611
<b>Total:</b>		1,518	1,047	1,183	1,434	1,047	1,104	1,278	8,611

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### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Creston-Nelson to Intergate East Feeder Installation

<b>BCL/Program Name:</b>	D3 External Projects - Customer Other	<b>BCL/Program Code:</b>	SCL370-D3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	8430	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Tukwila		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	685	4,361	1,644	42	0	0	0	0	6,732
<b>Total:</b>	685	4,361	1,644	42	0	0	0	0	6,732
<b>Fund Appropriations/Allocations</b>									
City Light Fund	685	4,361	1,644	42	0	0	0	0	6,732
<b>Total*:</b>	685	4,361	1,644	42	0	0	0	0	6,732
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,129	2,584	982	0	0	0	0	4,695
<b>Total:</b>		1,129	2,584	982	0	0	0	0	4,695

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Customer Information System

<b>BCL/Program Name:</b>	E1 Central Utility Projects - Customer and Billing	<b>BCL/Program Code:</b>	SCL370-E1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9937	<b>End Date:</b>	Q4/2015
<b>Location:</b>	700 5th Avenue		
<b>Neighborhood Plan:</b>	Commercial Core	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	16,362	3,916	1,707	0	0	0	0	21,985
<b>Total:</b>	0	16,362	3,916	1,707	0	0	0	0	21,985
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	16,362	3,916	1,707	0	0	0	0	21,985
<b>Total*:</b>	0	16,362	3,916	1,707	0	0	0	0	21,985
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		12,319	5,864	3,877	0	0	0	0	22,060
<b>Total:</b>		12,319	5,864	3,877	0	0	0	0	22,060

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Customer Portal Development

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9944	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project develops a customer portal to facilitate self-service options for City Light's customers. The portal will provide customers easy access to online tools, forms, and relevant information. The new site will enable customers the convenience of paying bills online, making online payment arrangements, and accessing web tools which will aid them in saving energy. The portal will decrease the volume of phone interactions with both SCL Customer Care and the SPU Call Center, and will interface with the new SCL/SPU billing system (see Customer Information System project 9937).

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	870	878	0	0	0	0	0	1,748
<b>Total:</b>	0	870	878	0	0	0	0	0	1,748
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	870	878	0	0	0	0	0	1,748
<b>Total*:</b>	0	870	878	0	0	0	0	0	1,748
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		843	893	0	0	0	0	0	1,736
<b>Total:</b>		843	893	0	0	0	0	0	1,736

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## 2014 - 2019 Proposed Capital Improvement Program

**Seattle City Light**

**Dallas Ave. 26 kV Crossing**

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	8322	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Dallas Ave S/14th Ave S		
<b>Neighborhood Plan:</b>	Duwamish	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	South Park

This project reinstalls two 26kV feeders across the Duwamish River. This crossing backs up the Cambridge Corridor Crossing, providing redundant power supply to the area along East Marginal Way South. The area has many large industrial accounts, including Jorgenson Steel, Kenworth Trucking, and a number of Boeing plants.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	428	43	1,259	1,305	221	0	0	0	3,256
<b>Total:</b>	428	43	1,259	1,305	221	0	0	0	3,256
<b>Fund Appropriations/Allocations</b>									
City Light Fund	428	43	1,259	1,305	221	0	0	0	3,256
<b>Total*:</b>	428	43	1,259	1,305	221	0	0	0	3,256
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		201	1,259	1,305	221	0	0	0	2,986
<b>Total:</b>		201	1,259	1,305	221	0	0	0	2,986

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Denny Substation - Network**

<b>BCL/Program Name:</b>	C2 Distribution - Network	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	8404	<b>End Date:</b>	Q4/2020
<b>Location:</b>	Valley Street/Denny Ave		
<b>Neighborhood Plan:</b>	South Lake Union	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	South Lake Union

This ongoing project provides network system design and construction, engineering design at the substation network interface, and underground conversion of the streetlight, traffic signals, and telecom and fiber optic systems. This project relates Project 7757, Denny Substation Development and Project 8405, Denny Network Services and Additions whose objective is customer hookups via the network to the new substation.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	143	2,501	6,915	11,792	12,909	12,450	4,402	9,470	60,582
<b>Total:</b>	143	2,501	6,915	11,792	12,909	12,450	4,402	9,470	60,582
<b>Fund Appropriations/Allocations</b>									
City Light Fund	143	2,501	6,915	11,792	12,909	12,450	4,402	9,470	60,582
<b>Total*:</b>	143	2,501	6,915	11,792	12,909	12,450	4,402	9,470	60,582
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,648	6,915	11,792	12,909	12,450	4,402	9,470	60,586
<b>Total:</b>		2,648	6,915	11,792	12,909	12,450	4,402	9,470	60,586

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**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Denny Substation Development

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	7757	<b>End Date:</b>	Q4/2017
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project designs and builds a 200 MVA substation on Denny Ave. The project funds site acquisition, environmental management and remediation of land, design of the substation, and construction of the substation. It provides capacity to meet load growth, provides the operational flexibility to operate the electrical system to serve new development and existing load, and supports development of an underground network.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	43,981	17,074	8,278	26,815	76,305	1,147	0	0	173,600
<b>Total:</b>	43,981	17,074	8,278	26,815	76,305	1,147	0	0	173,600
<b>Fund Appropriations/Allocations</b>									
City Light Fund	43,981	17,074	8,278	26,815	76,305	1,147	0	0	173,600
<b>Total*:</b>	43,981	17,074	8,278	26,815	76,305	1,147	0	0	173,600
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		7,494	13,464	28,266	77,008	1,147	0	0	127,379
<b>Total:</b>		7,494	13,464	28,266	77,008	1,147	0	0	127,379

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Denny Substation Transmission Lines

<b>BCL/Program Name:</b>	B1 Transmission - Transmission	<b>BCL/Program Code:</b>	SCL360-B1
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	7125	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project designs and constructs transmission lines to support the new Denny Substation. These transmission lines are created by dividing the existing Pine to Broad Street transmission line into two transmission lines. The remaining new lines will come from the Canal and Massachusetts substations. This project also provides for undergrounding the transmission lines.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	96	250	550	1,326	240	245	7,386	52,562	62,655
<b>Total:</b>	96	250	550	1,326	240	245	7,386	52,562	62,655
<b>Fund Appropriations/Allocations</b>									
City Light Fund	96	250	550	1,326	240	245	7,386	52,562	62,655
<b>Total*:</b>	96	250	550	1,326	240	245	7,386	52,562	62,655
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		126	550	1,326	240	245	1,857	21,165	25,509
<b>Total:</b>		126	550	1,326	240	245	1,857	21,165	25,509

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### 2014 - 2019 Proposed Capital Improvement Program

**Diablo - Incline Rehabilitation**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2018
<b>Project ID:</b>	6588	<b>End Date:</b>	Q4/2020
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will rehabilitate the historic incline lift to serve as emergency access to Diablo.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	113	346	459
<b>Total:</b>	0	0	0	0	0	0	113	346	459
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	113	346	459
<b>Total*:</b>	0	0	0	0	0	0	113	346	459
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2014 - 2019 Proposed Capital Improvement Program**



**Diablo - Replace AC Panels**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	6584	<b>End Date:</b>	Q4/2016
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will replace air conditioning panels at Diablo.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	179	541	0	0	0	720
<b>Total:</b>	0	0	0	179	541	0	0	0	720
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	179	541	0	0	0	720
<b>Total*:</b>	0	0	0	179	541	0	0	0	720
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Diablo - Replace Bank Transformers

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2016
<b>Project ID:</b>	6589	<b>End Date:</b>	Q4/2018
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will replace the Diablo power step up transformers.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	108	375	7,401	0	7,884
<b>Total:</b>	0	0	0	0	108	375	7,401	0	7,884
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	108	375	7,401	0	7,884
<b>Total*:</b>	0	0	0	0	108	375	7,401	0	7,884
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

**Diablo Facility - Lines Protection Upgrades**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	6483	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Milepost 126 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides updated line protection schemes on the Diablo Facility D1, D2, & D3 Lines, utilizing electro-mechanical relays. The project also replaces existing relays, which are approaching the reasonable service life and lack essential fault location capability. The project replacements include microprocessor based digital relays, fault location and event reporting, lockout and test switching capabilities, and communication assisted transfer trip utilizing the mirrored bits function of the digital relays.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,404	58	1,220	1,235	37	0	0	0	4,954
<b>Total:</b>	2,404	58	1,220	1,235	37	0	0	0	4,954
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,404	58	1,220	1,235	37	0	0	0	4,954
<b>Total*:</b>	2,404	58	1,220	1,235	37	0	0	0	4,954
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,220	1,220	1,235	37	0	0	0	3,712
<b>Total:</b>		1,220	1,220	1,235	37	0	0	0	3,712

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Diablo Facility - Minor Improvements Program**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1989
<b>Project ID:</b>	6403	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Milepost 126 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides financing for unforeseeable, unscheduled capital work related to Diablo Facilities. In addition, it funds scheduled, small capital projects that have cost estimates less than \$25,000. This project provides financial coverage for emergent capital projects which are, by definition, unpredictable, and which are on a first-come, first serve basis. Future work has been merged into project 6405 (Skagit Facility - Minor Improvements Program), in support of the consolidation of Skagit organizational units. This project remains in the CIP to allow work already started under this project to be completed.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,142	0	0	0	0	0	0	0	2,142
<b>Total:</b>	2,142	0	0	0	0	0	0	0	2,142
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,142	0	0	0	0	0	0	0	2,142
<b>Total*:</b>	2,142	0	0	0	0	0	0	0	2,142
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,283	139	219	0	0	0	0	1,641
<b>Total:</b>		1,283	139	219	0	0	0	0	1,641

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Diablo Facility - Storage Building**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	6481	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Milepost 126 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	284	1,226	1,145	0	0	0	0	0	2,655
<b>Total:</b>	284	1,226	1,145	0	0	0	0	0	2,655
<b>Fund Appropriations/Allocations</b>									
City Light Fund	284	1,226	1,145	0	0	0	0	0	2,655
<b>Total*:</b>	284	1,226	1,145	0	0	0	0	0	2,655
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		121	1,145	0	0	0	0	0	1,266
<b>Total:</b>		121	1,145	0	0	0	0	0	1,266

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Diablo Load Interrupters Replacement

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	6532	<b>End Date:</b>	Q4/2016
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	3,292	10	0	2,993	0	0	0	6,295
<b>Total:</b>	0	3,292	10	0	2,993	0	0	0	6,295
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	3,292	10	0	2,993	0	0	0	6,295
<b>Total*:</b>	0	3,292	10	0	2,993	0	0	0	6,295
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		162	10	0	2,993	0	0	0	3,165
<b>Total:</b>		162	10	0	2,993	0	0	0	3,165

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Diablo Powerhouse - Crane Wheel Replacements

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	6471	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Milepost 126 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	81	307	706	87	0	0	0	0	1,181
<b>Total:</b>	81	307	706	87	0	0	0	0	1,181
<b>Fund Appropriations/Allocations</b>									
City Light Fund	81	307	706	87	0	0	0	0	1,181
<b>Total*:</b>	81	307	706	87	0	0	0	0	1,181
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		281	706	87	0	0	0	0	1,074
<b>Total:</b>		281	706	87	0	0	0	0	1,074

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Diablo Powerhouse - DC Lighting Systems Upgrade

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6365	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Milepost 126 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces failed and out-of-date AC/DC emergency lighting systems and enhances overall lighting and energy efficiency at Diablo Powerhouse. It also replaces the Powerhouse Hall AC lighting system.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	11	0	0	0	0	0	0	11
<b>Total:</b>	0	11	0	0	0	0	0	0	11
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	11	0	0	0	0	0	0	11
<b>Total*:</b>	0	11	0	0	0	0	0	0	11
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	22	0	0	0	0	0	22
<b>Total:</b>		0	22	0	0	0	0	0	22

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Diablo Powerhouse - Rebuild Generator Unit 31

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2016
<b>Project ID:</b>	6422	<b>End Date:</b>	Q4/2018
<b>Location:</b>	Milepost 126 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project rebuilds Generator 31 at Diablo Powerhouse, which provides 4.4 percent of the total power Seattle City Light generates. This project is part of the Utility's Generator Rebuild Program, a series of projects to maintain and extend the useful life of the Utility's aging generators. The program rebuilds ten generators, accounting for 70 percent of City Light's generating capability.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	11	(2)	0	0	10,393	3,457	365	0	14,224
<b>Total:</b>	11	(2)	0	0	10,393	3,457	365	0	14,224
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11	(2)	0	0	10,393	3,457	365	0	14,224
<b>Total*:</b>	11	(2)	0	0	10,393	3,457	365	0	14,224
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1	0	0	6,991	6,858	365	0	14,215
<b>Total:</b>		1	0	0	6,991	6,858	365	0	14,215

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Diablo Powerhouse - Rebuild Generator Unit 32

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6423	<b>End Date:</b>	Q4/2017
<b>Location:</b>	Milepost 126 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project rebuilds Generator 32 at Diablo Powerhouse, which provides 4.4 percent of the total power Seattle City Light generates. This project is part of the Utility's Generator Rebuild Program, a series of projects to maintain and extend the useful life of the Utility's aging generators. The program rebuilds ten generators, accounting for 70 percent of City Light's generating capability.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	540	1,802	14,227	1,921	2,048	0	0	20,538
<b>Total:</b>	0	540	1,802	14,227	1,921	2,048	0	0	20,538
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	540	1,802	14,227	1,921	2,048	0	0	20,538
<b>Total*:</b>	0	540	1,802	14,227	1,921	2,048	0	0	20,538
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		318	778	3,841	13,332	2,048	0	0	20,317
<b>Total:</b>		318	778	3,841	13,332	2,048	0	0	20,317

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Diablo Switchyard - Controls for Breakers and Switches

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6417	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Milepost 126 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides the ability for remote control operations, by the System Control Center (SCC) operators in Seattle, for the Diablo switchyard breakers and three Bothell line disconnect switches. This project replaces the existing breaker control switches with electrically operated control switch relays and retrofits three line disconnect switches with motor operators. This remote control operation enhances operational uses of the Ross units which eliminates lost revenues.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	0	0	0	0	0	0	0
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	0	0	0	0	0	0	0	0	0
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	130	0	0	0	0	0	130
<b>Total:</b>		0	130	0	0	0	0	0	130

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Distribution Area Communications Networks

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2000
<b>Project ID:</b>	9307	<b>End Date:</b>	Q4/2019
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project installs fiber cable and equipment to all City Light dams, substations and service centers to create a secure, reliable, fast and redundant digital communications system for operations command and control. The fiber infrastructure provides a secure path for power distribution system control and dispatch, Energy Management System data, and other City Light communications. This project also supports Substation Automation, Distribution Automation, Distributed Generation, and automated meter reading projects.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	13,392	3,090	1,806	1,524	1,145	1,065	1,758	484	24,264
<b>Total:</b>	13,392	3,090	1,806	1,524	1,145	1,065	1,758	484	24,264
<b>Fund Appropriations/Allocations</b>									
City Light Fund	13,392	3,090	1,806	1,524	1,145	1,065	1,758	484	24,264
<b>Total*:</b>	13,392	3,090	1,806	1,524	1,145	1,065	1,758	484	24,264
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,686	1,806	1,524	1,145	1,065	1,758	484	10,468
<b>Total:</b>		2,686	1,806	1,524	1,145	1,065	1,758	484	10,468

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Distribution Automation

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	8425	<b>End Date:</b>	Q4/2019
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project automates radial distribution feeders, which includes installation of equipment to provide remote control of operations of switches on power lines and gather real time data on conditions in distribution power lines. The installation of strategically placed switches 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.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	313	526	1,191	2,341	4,250	2,116	3,479	14,216
<b>Total:</b>	0	313	526	1,191	2,341	4,250	2,116	3,479	14,216
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	313	526	1,191	2,341	4,250	2,116	3,479	14,216
<b>Total*:</b>	0	313	526	1,191	2,341	4,250	2,116	3,479	14,216
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		301	526	1,191	2,341	4,250	2,116	3,479	14,204
<b>Total:</b>		301	526	1,191	2,341	4,250	2,116	3,479	14,204

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## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Distribution Management System

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2019
<b>Project ID:</b>	9966	<b>End Date:</b>	Q4/2020
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

The Distribution Management System (DMS) is a comprehensive software application that enables Power Dispatchers to improve their planning, coordination, and operation of the distribution power system. The system will enable dispatchers to improve their switching operations for planned shutdowns, ensuring that circuit or equipment overloads, or voltage related problems, do not occur. It will also make it easier to prepare planned outages by developing an automatic switching plan that provides an analysis of the proposed switching before it is approved and directed.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	7,917	7,917
<b>Total:</b>	0	0	0	0	0	0	0	7,917	7,917
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	0	7,917	7,917
<b>Total*:</b>	0	0	0	0	0	0	0	7,917	7,917
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	0	0	0	0	4,671	4,671
<b>Total:</b>		0	0	0	0	0	0	4,671	4,671

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## East Pine Substation - Transformer Replacements

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	7811	<b>End Date:</b>	Q4/2015
<b>Location:</b>	1501 23rd Ave		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	295	979	0	0	0	0	1,274
<b>Total:</b>	0	0	295	979	0	0	0	0	1,274
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	295	979	0	0	0	0	1,274
<b>Total*:</b>	0	0	295	979	0	0	0	0	1,274
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		213	295	2,979	0	0	0	0	3,487
<b>Total:</b>		213	295	2,979	0	0	0	0	3,487

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**Endangered Species Act Mitigation**

<b>BCL/Program Name:</b>	A4 Power Supply - Power Supply Other	<b>BCL/Program Code:</b>	SCL250-A4
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2000
<b>Project ID:</b>	6990	<b>End Date:</b>	Q4/2019
<b>Location:</b>	Outside the City of Seattle		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project protects and restores fisheries habitat in the Skagit and Tolt river basins. It implements the Endangered Species Act (ESA) Program for recovery of listed fish species that are potentially affected by City Light projects. The project includes land purchase, restoration, assessment, and management. The project reduces the likelihood of third party lawsuits under ESA and the reopening of claims by Federal agencies, e.g. the U.S. Fish and Wildlife Service, seeking additional measures to protect and restore the listed species.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	11,260	2,233	1,055	1,080	1,106	1,132	1,158	1,185	20,209
<b>Total:</b>	11,260	2,233	1,055	1,080	1,106	1,132	1,158	1,185	20,209
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,260	2,233	1,055	1,080	1,106	1,132	1,158	1,185	20,209
<b>Total*:</b>	11,260	2,233	1,055	1,080	1,106	1,132	1,158	1,185	20,209
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,030	1,055	1,080	1,106	1,132	1,158	1,185	7,746
<b>Total:</b>		1,030	1,055	1,080	1,106	1,132	1,158	1,185	7,746

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**2014 - 2019 Proposed Capital Improvement Program**



**Energy Conservation**

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	9320	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project installs improvements at SCL facilities to reduce energy consumption. Work is performed at facilities including generation sites, service centers, and substations. With documented savings, some project costs may be recovered from the Bonneville Power Administration.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,525	254	239	356	327	335	483	146	3,665
<b>Total:</b>	1,525	254	239	356	327	335	483	146	3,665
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,525	254	239	356	327	335	483	146	3,665
<b>Total*:</b>	1,525	254	239	356	327	335	483	146	3,665
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		297	239	356	327	335	483	146	2,183
<b>Total:</b>		297	239	356	327	335	483	146	2,183

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Energy Management System

<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	9956	<b>End Date:</b>	Q4/2016
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	9,304	7,378	5,411	0	0	0	22,093
<b>Total:</b>	0	0	9,304	7,378	5,411	0	0	0	22,093
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	9,304	7,378	5,411	0	0	0	22,093
<b>Total*:</b>	0	0	9,304	7,378	5,411	0	0	0	22,093
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	2,520	7,654	11,919	0	0	0	22,093
<b>Total:</b>		0	2,520	7,654	11,919	0	0	0	22,093

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Energy Trading and Risk Management (ETRM) System

<b>BCL/Program Name:</b>	A4 Power Supply - Power Supply Other	<b>BCL/Program Code:</b>	SCL250-A4
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	9936	<b>End Date:</b>	Q1/2012
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project acquires and installs Energy Trading and Risk Management (ETRM) software supporting Power Marketing functionality in resource management, credit controls, risk evaluation, settlement and billing. Project implementation allows for trading in more complex and profitable markets. Phase 1, completed in 2011, installed the base module. Phase 2, which extends the project into 2012, prepares Energy Position reports and Billing and Settlement reports. Phase 3 will prepare information for Transmission and Capacity Planning and for Risk Analysis and Mitigation.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,969	883	0	0	0	0	0	0	2,852
<b>Total:</b>	1,969	883	0	0	0	0	0	0	2,852
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,969	883	0	0	0	0	0	0	2,852
<b>Total*:</b>	1,969	883	0	0	0	0	0	0	2,852
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		700	0	0	0	0	0	0	700
<b>Total:</b>		700	0	0	0	0	0	0	700

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**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:** Q1/2013  
**Project ID:** 9962 **End Date:** Q4/2019  
**Location:**  
**Neighborhood Plan:** Not in Neighborhood Plan **Neighborhood Plan Matrix:**  
**Neighborhood District:** **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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	533	386	714	618	626	527	545	3,949
<b>Total:</b>	0	533	386	714	618	626	527	545	3,949
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	533	386	714	618	626	527	545	3,949
<b>Total*:</b>	0	533	386	714	618	626	527	545	3,949
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		530	386	714	618	626	527	545	3,946
<b>Total:</b>		530	386	714	618	626	527	545	3,946

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Enterprise Geographic Information System**

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9957	<b>End Date:</b>	Q4/2018
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project investigates, evaluates, and makes a recommendation to develop a unified GIS system that meets all of the needs of the Utility, replacing the two separate and incompatible Geographic Information Systems (GIS) that City Light currently maintains, and allowing integration with future software systems (such as Mobile Workforce).

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	725	2,936	1,842	999	537	590	0	7,629
<b>Total:</b>	0	725	2,936	1,842	999	537	590	0	7,629
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	725	2,936	1,842	999	537	590	0	7,629
<b>Total*:</b>	0	725	2,936	1,842	999	537	590	0	7,629
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		763	1,055	1,525	1,940	1,479	905	0	7,667
<b>Total:</b>		763	1,055	1,525	1,940	1,479	905	0	7,667

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Enterprise Performance Management

<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	9933	<b>End Date:</b>	Q4/2016
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,148	831	450	643	895	0	0	0	5,967
<b>Total:</b>	3,148	831	450	643	895	0	0	0	5,967
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,148	831	450	643	895	0	0	0	5,967
<b>Total*:</b>	3,148	831	450	643	895	0	0	0	5,967
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		538	510	874	895	0	0	0	2,817
<b>Total:</b>		538	510	874	895	0	0	0	2,817

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Environmental Safeguarding and Remediation of Facilities

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9152	<b>End Date:</b>	Q4/2018
<b>Location:</b>	Outside the City of Seattle		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds improvements to prevent air and water pollution at City Light facilities. The project implements cost appropriate solutions for identified environmental programs and provides facilities for meeting environmental and remediation concerns. Typical projects include ventilation for painting operations, storage equipment for toxic material, containment provisions to provide protection in the event of a spill or leak, and handling equipment to enable safe movement of hazardous items.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	725	442	126	49	50	51	52	0	1,495
<b>Total:</b>	725	442	126	49	50	51	52	0	1,495
<b>Fund Appropriations/Allocations</b>									
City Light Fund	725	442	126	49	50	51	52	0	1,495
<b>Total*:</b>	725	442	126	49	50	51	52	0	1,495
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1	126	49	50	51	52	0	329
<b>Total:</b>		1	126	49	50	51	52	0	329

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Equipment Fleet Replacement

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9101	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

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.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	79,112	12,764	7,262	4,434	4,670	3,225	4,275	8,980	124,722
<b>Total:</b>	79,112	12,764	7,262	4,434	4,670	3,225	4,275	8,980	124,722
<b>Fund Appropriations/Allocations</b>									
City Light Fund	79,112	12,764	7,262	4,434	4,670	3,225	4,275	8,980	124,722
<b>Total*:</b>	79,112	12,764	7,262	4,434	4,670	3,225	4,275	8,980	124,722
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		7,573	7,262	4,434	4,670	3,225	4,275	8,980	40,419
<b>Total:</b>		7,573	7,262	4,434	4,670	3,225	4,275	8,980	40,419

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Facilities Infrastructure Improvements

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9156	<b>End Date:</b>	Q4/2018
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project upgrades and replaces the structural, electrical or mechanical systems, or other base building systems critical to building operations, and site development items. Work under this project may include plumbing replacements, HVAC related systems, power distribution systems, tanks, elevators, fire suppression systems, drainage systems, exterior and interior lighting, landscaping, irrigation, paving, stairs, and sidewalks. This project is intended for emergent work not yet identified and is not intended as a duplicate for other infrastructure improvements included in specific projects.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,773	545	567	379	387	396	405	0	4,452
<b>Total:</b>	1,773	545	567	379	387	396	405	0	4,452
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,773	545	567	379	387	396	405	0	4,452
<b>Total*:</b>	1,773	545	567	379	387	396	405	0	4,452
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		381	567	379	387	396	405	0	2,515
<b>Total:</b>		381	567	379	387	396	405	0	2,515

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### 2014 - 2019 Proposed Capital Improvement Program

**Facilities Regulatory Compliance**

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9151	<b>End Date:</b>	Q4/2018
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	88	382	295	119	121	124	127	0	1,256
<b>Total:</b>	88	382	295	119	121	124	127	0	1,256
<b>Fund Appropriations/Allocations</b>									
City Light Fund	88	382	295	119	121	124	127	0	1,256
<b>Total*:</b>	88	382	295	119	121	124	127	0	1,256
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		278	295	119	121	124	127	0	1,064
<b>Total:</b>		278	295	119	121	124	127	0	1,064

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Federal and Regional Reliability Standards Compliance

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9963	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project provides an online system that manages workflows and tracks compliance with North American Electric Reliability Corporation (NERC) standards and requirements. This project installs a dynamic customized Compliance Tracking Tool and Standardization Process across critical business units. This system will allow the Utility to prove compliance for all applicable federal standards, at any given day and time (24/7/365). City Light is subject to a federal audit on reliability standards every three years.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	783	28	0	0	0	0	0	811
<b>Total:</b>	0	783	28	0	0	0	0	0	811
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	783	28	0	0	0	0	0	811
<b>Total*:</b>	0	783	28	0	0	0	0	0	811
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		755	28	0	0	0	0	0	783
<b>Total:</b>		755	28	0	0	0	0	0	783

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## First Hill - Network

<b>BCL/Program Name:</b>	C2 Distribution - Network	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2002
<b>Project ID:</b>	8301	<b>End Date:</b>	Q4/2019
<b>Location:</b>	1100 Madison St		
<b>Neighborhood Plan:</b>	First Hill	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	10,688	1,473	1,403	2,606	2,674	2,738	1,666	1,700	24,948
<b>Total:</b>	10,688	1,473	1,403	2,606	2,674	2,738	1,666	1,700	24,948
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10,688	1,473	1,403	2,606	2,674	2,738	1,666	1,700	24,948
<b>Total*:</b>	10,688	1,473	1,403	2,606	2,674	2,738	1,666	1,700	24,948
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,322	1,403	2,606	2,674	2,738	1,666	1,700	14,109
<b>Total:</b>		1,322	1,403	2,606	2,674	2,738	1,666	1,700	14,109

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## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## First Hill - Network Load Transfer

<b>BCL/Program Name:</b>	C2 Distribution - Network	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2019
<b>Project ID:</b>	8407	<b>End Date:</b>	Q4/2022
<b>Location:</b>	1100 Madison St.		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	First Hill

This project transfers the First Hill Network to the Denny Substation. Work includes installing transmission lines, reconfiguring the network, transferring the power source, and supporting the customers during the process.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	6,528	6,528
<b>Total:</b>	0	0	0	0	0	0	0	6,528	6,528
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	0	6,528	6,528
<b>Total*:</b>	0	0	0	0	0	0	0	6,528	6,528
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	0	0	0	0	704	704
<b>Total:</b>		0	0	0	0	0	0	704	704

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## First Hill Connector Streetcar

<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	8442	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Broadway / Boren / Jackson / King		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,501	2,110	23	17	0	0	0	0	3,651
<b>Total:</b>	1,501	2,110	23	17	0	0	0	0	3,651
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,501	2,110	23	17	0	0	0	0	3,651
<b>Total*:</b>	1,501	2,110	23	17	0	0	0	0	3,651
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		710	23	17	0	0	0	0	750
<b>Total:</b>		710	23	17	0	0	0	0	750

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Generation Federal Reliability Standards Improvements

<b>BCL/Program Name:</b>	A4 Power Supply - Power Supply Other	<b>BCL/Program Code:</b>	SCL250-A4
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1989
<b>Project ID:</b>	6470	<b>End Date:</b>	Q4/2017
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	8,731	1,418	392	1,202	824	172	0	0	12,739
<b>Total:</b>	8,731	1,418	392	1,202	824	172	0	0	12,739
<b>Fund Appropriations/Allocations</b>									
City Light Fund	8,731	1,418	392	1,202	824	172	0	0	12,739
<b>Total*:</b>	8,731	1,418	392	1,202	824	172	0	0	12,739
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		570	392	1,202	824	172	0	0	3,160
<b>Total:</b>		570	392	1,202	824	172	0	0	3,160

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Gorge - 240V AC Station Service Switchgear Replacement

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2018
<b>Project ID:</b>	6581	<b>End Date:</b>	Q4/2019
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project replaces station service switchgear at Gorge.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	113	464	577
<b>Total:</b>	0	0	0	0	0	0	113	464	577
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	113	464	577
<b>Total*:</b>	0	0	0	0	0	0	113	464	577
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Gorge - Switchyard 230 kV Wrought Iron Bus Replacement

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	6578	<b>End Date:</b>	Q4/2016
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will replace an aging wrought iron bus with a modern aluminum bus.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	93	179	144	0	0	0	416
<b>Total:</b>	0	0	93	179	144	0	0	0	416
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	93	179	144	0	0	0	416
<b>Total*:</b>	0	0	93	179	144	0	0	0	416
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**Gorge Facility - Minor Improvements Program**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6404	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Milepost 121 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides financing for unforeseeable, unscheduled capital work related to Gorge Facilities. In addition, it funds scheduled, small capital projects that have cost estimates less than \$25,000. This project provides financial coverage for emergent capital projects which are, by definition, unpredictable, and which are on a first-come, first serve basis. Future work has been merged into project 6405 (Skagit Facility - Minor Improvements Program), in support of the consolidation of Skagit organizational units. This project has been included in the CIP to allow work already started under this project to be completed.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,134	0	0	0	0	0	0	0	2,134
<b>Total:</b>	2,134	0	0	0	0	0	0	0	2,134
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,134	0	0	0	0	0	0	0	2,134
<b>Total*:</b>	2,134	0	0	0	0	0	0	0	2,134
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		5	0	0	0	0	0	0	5
<b>Total:</b>		5	0	0	0	0	0	0	5

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Gorge Facility - Second Tunnel Installation

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	6302	<b>End Date:</b>	Q4/2013
<b>Location:</b>	Milepost 121 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project constructs a two-mile, 22 foot diameter, power tunnel adjacent to the existing tunnel at the Gorge Dam facility that carries water to the hydroturbine/generator units. The resulting lower water velocity in the two tunnels together increases overall plant efficiency without any change in water flow or plant operations by reducing energy lost in the power tunnels. This improvement is expected to increase annual generation by about 57,700 MWh. The project is currently budgeted for design only. Construction will be dependent on the justification of the market value of electricity and other favorable future market conditions.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	6,578	594	0	0	0	0	0	0	7,172
<b>Total:</b>	6,578	594	0	0	0	0	0	0	7,172
<b>Fund Appropriations/Allocations</b>									
City Light Fund	6,578	594	0	0	0	0	0	0	7,172
<b>Total*:</b>	6,578	594	0	0	0	0	0	0	7,172
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		62	0	0	0	0	0	0	62
<b>Total:</b>		62	0	0	0	0	0	0	62

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Gorge Powerhouse - Control and Power Cabling Replacement

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6328	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Milepost 121 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces old and deteriorating control and power cabling systems within the Gorge Powerhouse with new higher-capacity cables. When completed, this work will improve the efficiency and reliability of plant operations by extending their useful life. It will reduce troubleshooting time that is spent tracing ground faults, ease installation of future circuits and equipment, and increase generator availability and energy production.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	0	0	0	0	0	0	0
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	0	0	0	0	0	0	0	0	0
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Gorge Powerhouse - Transformer Bank 10 Replacement

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2000
<b>Project ID:</b>	6224	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Milepost 121 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project will replace the existing Gorge Bank 10 transformer with a new 3 MVA three-phase transformer. Voltage regulators will also be supplied and new disconnects installed. The existing transformer pad will be modified if needed.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	429	681	51	0	0	0	0	0	1,161
<b>Total:</b>	429	681	51	0	0	0	0	0	1,161
<b>Fund Appropriations/Allocations</b>									
City Light Fund	429	681	51	0	0	0	0	0	1,161
<b>Total*:</b>	429	681	51	0	0	0	0	0	1,161
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		330	51	0	0	0	0	0	381
<b>Total:</b>		330	51	0	0	0	0	0	381

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**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:** Q1/2013  
**Project ID:** 6530 **End Date:** Q4/2018  
**Location:**  
**Neighborhood Plan:** Not in Neighborhood Plan **Neighborhood Plan Matrix:**  
**Neighborhood District:** **Urban Village:**

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	306	536	960	905	884	702	0	4,293
<b>Total:</b>	0	306	536	960	905	884	702	0	4,293
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	306	536	960	905	884	702	0	4,293
<b>Total*:</b>	0	306	536	960	905	884	702	0	4,293
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		239	536	960	905	884	702	0	4,226
<b>Total:</b>		239	536	960	905	884	702	0	4,226

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Information Technology Disaster Recovery

<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9964	<b>End Date:</b>	Q4/2014
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project plans, builds, deploys and provides ongoing management of the Disaster Recovery (DR) program. The project develops and implements processes and procedures to exercise DR plans on an annual basis and develops updates for the IT Continuity of Operations (COOP IT Annex). In 2013, City Light will deploy recovery capability at a separate data center for two critical applications, Power Systems and Outage Management. City Light will coordinate these efforts with DOIT's city wide IT disaster recovery plans.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	655	618	0	0	0	0	0	1,273
<b>Total:</b>	0	655	618	0	0	0	0	0	1,273
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	655	618	0	0	0	0	0	1,273
<b>Total*:</b>	0	655	618	0	0	0	0	0	1,273
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		580	651	0	0	0	0	0	1,231
<b>Total:</b>		580	651	0	0	0	0	0	1,231

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Information Technology Infrastructure

<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9915	<b>End Date:</b>	Q4/2020
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds replacement and improvement of the Utility's information technology infrastructure. This infrastructure provides applications, data storage, and print services to the utility, and supports activities and applications including Microsoft Outlook, remote connectivity, electronic communications and recording of power marketing transactions (E-tagging), the City InWeb and network, common and City Light applications, UNIX services, and infrastructure change management. Components purchased by this project include servers, network and communications equipment, disk storage, and application and operating system software. Infrastructure is upgraded or replaced based upon a combination of factors, such as maintenance schedules, equipment warranties, availability of vendor support, Gartner recommendations, application growth, and security demands.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	41,456	4,054	3,106	3,343	3,666	3,923	3,749	6,922	70,219
<b>Total:</b>	41,456	4,054	3,106	3,343	3,666	3,923	3,749	6,922	70,219
<b>Fund Appropriations/Allocations</b>									
City Light Fund	41,456	4,054	3,106	3,343	3,666	3,923	3,749	6,922	70,219
<b>Total*:</b>	41,456	4,054	3,106	3,343	3,666	3,923	3,749	6,922	70,219
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,022	3,106	3,343	3,666	3,923	3,749	6,922	26,731
<b>Total:</b>		2,022	3,106	3,343	3,666	3,923	3,749	6,922	26,731

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## 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Integrated Budget System

<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	9955	<b>End Date:</b>	Q4/2014
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

City Light currently uses four systems to prepare the Department's budget submittal for Mayor and City Council approval. This project replaces existing City Light budget systems and provides automated support for the City's central budget process, including development of Budget Issue Papers and submittals for the City's REM budgeting system.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	15	738	548	0	0	0	0	0	1,301
<b>Total:</b>	15	738	548	0	0	0	0	0	1,301
<b>Fund Appropriations/Allocations</b>									
City Light Fund	15	738	548	0	0	0	0	0	1,301
<b>Total*:</b>	15	738	548	0	0	0	0	0	1,301
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		534	548	0	0	0	0	0	1,082
<b>Total:</b>		534	548	0	0	0	0	0	1,082

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Inventory System Redevelopment

<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9959	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project evaluates, selects and implements a modern Supply Chain Management System software package that manages inventory, logs receipts, issues materials, carries unit cost for valuation, tracks quantities and availability, and forecasts usage of supplies. It replaces existing software, installed in 2002, that has never been updated and is currently unsupported by the vendor. The project also upgrades the existing aging server and operating system which use incompatible JAVA applications and are no longer supported. This project reduces the likelihood of server failure and provides a reliable, modern and compatible interface to other City software, including WAMS, OMS, and Summit.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	1,208	526	0	0	0	0	0	1,734
<b>Total:</b>	0	1,208	526	0	0	0	0	0	1,734
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	1,208	526	0	0	0	0	0	1,734
<b>Total*:</b>	0	1,208	526	0	0	0	0	0	1,734
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,188	526	0	0	0	0	0	1,714
<b>Total:</b>		1,188	526	0	0	0	0	0	1,714

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### 2014 - 2019 Proposed Capital Improvement Program

**IT Security Upgrades**

<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9960	<b>End Date:</b>	Q4/2020
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

The ongoing project updates or replaces information security systems that are at high risk of failure. The project enhances vulnerability and intrusion detection as well as response capabilities and procedures. The project provides (by way of illustration but not limitation) for implementation of systems to replace or upgrade firewalls, routers, switches, operating systems, intrusion detection capabilities, security information and event management, Linux patching procedures, Dynamic Host Configuration Protocol server, Domain Name System server, internal vulnerability scanning, and physical security cameras and networks for SCL locations.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	887	810	1,140	558	515	559	920	5,389
<b>Total:</b>	0	887	810	1,140	558	515	559	920	5,389
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	887	810	1,140	558	515	559	920	5,389
<b>Total*:</b>	0	887	810	1,140	558	515	559	920	5,389
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		851	810	1,140	558	515	559	920	5,353
<b>Total:</b>		851	810	1,140	558	515	559	920	5,353

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**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Ladder Creek Garden - Irrigation and Illumination

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6234	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Milepost 126 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project will improve Ladder Creek Garden as required by City Light's Skagit FERC license requirements and the Historic Preservation Act by installing new irrigation and trail lighting systems. It will provide an irrigation system and assured supply of water to the garden features, such as pools and fountains. The electrical upgrade provides improved trail and creek lighting, while still keeping with the historical conditions.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,759	(2)	0	0	0	0	0	0	2,757
<b>Total:</b>	2,759	(2)	0	0	0	0	0	0	2,757
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,759	(2)	0	0	0	0	0	0	2,757
<b>Total*:</b>	2,759	(2)	0	0	0	0	0	0	2,757
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		174	624	0	0	0	0	0	798
<b>Total:</b>		174	624	0	0	0	0	0	798

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Lake Forest Park - Feeder Rehabilitation

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8384	<b>End Date:</b>	Q4/2013
<b>Location:</b>	N 205th & I - 5/N 145th & 61st Ave NE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project rehabilitates the aging distribution system in Lake Forest Park. This project services one feeder each year for four years. This project increases feeder reliability and reduces maintenance costs. The project also funds tree trimming, reducing the likelihood of outages and reduces emergency repair costs.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,277	69	0	0	0	0	0	0	3,346
<b>Total:</b>	3,277	69	0	0	0	0	0	0	3,346
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,277	69	0	0	0	0	0	0	3,346
<b>Total*:</b>	3,277	69	0	0	0	0	0	0	3,346
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1	0	0	0	0	0	0	1
<b>Total:</b>		1	0	0	0	0	0	0	1

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Landis and Gyr RTU Modernization Boundary, CF, Skagit

<b>BCL/Program Name:</b>	A1 Power Supply - Boundary	<b>BCL/Program Code:</b>	SCL250-A1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2016
<b>Project ID:</b>	6565	<b>End Date:</b>	Q4/2018
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will be combined with 6571 and 6579 to form larger project. Scope is to install new remote temperature monitoring equipment at Boundary, Skagit and Cedar Falls.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	714	395	254	0	1,363
<b>Total:</b>	0	0	0	0	714	395	254	0	1,363
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	714	395	254	0	1,363
<b>Total*:</b>	0	0	0	0	714	395	254	0	1,363
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Large Overhead and Underground Services

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8365	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides large size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of greater than 3 MVA and 26 kV radial services. Most of this related work is billable to the customer. The project allows Seattle City Light to provide service to new customers in a safe, reliable, timely and cost effective manner as a means to fulfill its commitment to be a customer and community-focused organization.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	11,357	2,717	3,922	3,569	2,779	2,798	2,892	4,346	34,380
<b>Total:</b>	11,357	2,717	3,922	3,569	2,779	2,798	2,892	4,346	34,380
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,357	2,717	3,922	3,569	2,779	2,798	2,892	4,346	34,380
<b>Total*:</b>	11,357	2,717	3,922	3,569	2,779	2,798	2,892	4,346	34,380
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,625	3,922	3,569	2,779	2,798	2,892	4,346	22,931
<b>Total:</b>		2,625	3,922	3,569	2,779	2,798	2,892	4,346	22,931

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Laurelhurst - Underground Rebuild

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8373	<b>End Date:</b>	Q4/2015
<b>Location:</b>	45th Street/38th Street		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	Not in an Urban Village

This project completes the final three phases of a nine phase rebuilding of the underground distribution system in Laurelhurst. It replaces increasingly failure-prone aging 4 kV equipment and direct buried cables with a buried conduit system. The project improves service reliability, customer satisfaction, economic operating efficiencies, and safety, and, since PCB transformers are replaced, reduces environmental damage exposure.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	4,645	4,639	747	407	0	0	0	0	10,438
<b>Total:</b>	4,645	4,639	747	407	0	0	0	0	10,438
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,645	4,639	747	407	0	0	0	0	10,438
<b>Total*:</b>	4,645	4,639	747	407	0	0	0	0	10,438
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,034	1,691	1,328	0	0	0	0	4,053
<b>Total:</b>		1,034	1,691	1,328	0	0	0	0	4,053

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Looped Radial Distribution System GIS Editor Replacement

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	9958	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1	1,176	37	0	0	0	0	0	1,214
<b>Total:</b>	1	1,176	37	0	0	0	0	0	1,214
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1	1,176	37	0	0	0	0	0	1,214
<b>Total*:</b>	1	1,176	37	0	0	0	0	0	1,214
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,184	37	0	0	0	0	0	1,221
<b>Total:</b>		1,184	37	0	0	0	0	0	1,221

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Major Emergency

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8380	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project covers unexpected problems that occur with the electrical system and result in repairs of over \$100,000 for any one event and for capital costs that are incurred during any single emergency situation lasting over 48 hours.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,107	891	943	118	117	120	122	125	3,543
<b>Total:</b>	1,107	891	943	118	117	120	122	125	3,543
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,107	891	943	118	117	120	122	125	3,543
<b>Total*:</b>	1,107	891	943	118	117	120	122	125	3,543
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		243	943	118	117	120	122	125	1,788
<b>Total:</b>		243	943	118	117	120	122	125	1,788

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Massachusetts Street Substation - Networks

<b>BCL/Program Name:</b>	C2 Distribution - Network	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	8202	<b>End Date:</b>	Q4/2019
<b>Location:</b>	1555 Utah AV S		
<b>Neighborhood Plan:</b>	Duwamish	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	21,732	3,401	3,370	3,710	3,801	3,890	3,982	4,074	47,960
<b>Total:</b>	21,732	3,401	3,370	3,710	3,801	3,890	3,982	4,074	47,960
<b>Fund Appropriations/Allocations</b>									
City Light Fund	21,732	3,401	3,370	3,710	3,801	3,890	3,982	4,074	47,960
<b>Total*:</b>	21,732	3,401	3,370	3,710	3,801	3,890	3,982	4,074	47,960
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,272	3,370	3,710	3,801	3,890	3,982	4,074	25,099
<b>Total:</b>		2,272	3,370	3,710	3,801	3,890	3,982	4,074	25,099

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Medium Overhead and Underground Services

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8366	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides medium size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of 50 KVA to 2.5 MVA and 26 kV radial services. Most of this related work is billable to the customer. The project allows Seattle City Light to provide service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community-focused organization.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	55,152	6,856	8,927	9,966	8,552	8,753	8,773	11,970	118,949
<b>Total:</b>	55,152	6,856	8,927	9,966	8,552	8,753	8,773	11,970	118,949
<b>Fund Appropriations/Allocations</b>									
City Light Fund	55,152	6,856	8,927	9,966	8,552	8,753	8,773	11,970	118,949
<b>Total*:</b>	55,152	6,856	8,927	9,966	8,552	8,753	8,773	11,970	118,949
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		8,895	8,927	9,966	8,552	8,753	8,773	11,970	65,836
<b>Total:</b>		8,895	8,927	9,966	8,552	8,753	8,773	11,970	65,836

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Mercer Corridor Relocations

<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	8376	<b>End Date:</b>	Q4/2013
<b>Location:</b>	Mercer Street & I - 5/Dexter Ave N		
<b>Neighborhood Plan:</b>	South Lake Union	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	South Lake Union

This project converts a section of SCL's existing 26kV overhead electrical distribution systems and a section of the existing overhead Broad-University 115kV transmission line to an underground configuration.

This project provides for the construction of a manageable and sustainable electrical power distribution infrastructure within this major City of Seattle transportation corridor improvement in the South Lake Union Urban Center.

The project is being managed with SDOT under the terms of SCL's new underground relocations policies, wherein project costs estimated to result from UG relocation of existing OH facilities, to the extent that these UG relocations are not an engineering or operational necessity to facilitate the other construction, will be reimbursed to SCL by the contracting agency. SCL's share of the distribution civil costs under the current plan & this new policy then, total about \$5.9M over the life of the project.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	11,266	6,246	0	0	0	0	0	0	17,512
<b>Total:</b>	11,266	6,246	0	0	0	0	0	0	17,512
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,266	6,246	0	0	0	0	0	0	17,512
<b>Total*:</b>	11,266	6,246	0	0	0	0	0	0	17,512
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,675	0	0	0	0	0	0	3,675
<b>Total:</b>		3,675	0	0	0	0	0	0	3,675

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## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Mercer Corridor West Phase Relocations

<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	8443	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Mercer/Broad/Aurora		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	324	2,958	563	412	577	0	0	0	4,834
<b>Total:</b>	324	2,958	563	412	577	0	0	0	4,834
<b>Fund Appropriations/Allocations</b>									
City Light Fund	324	2,958	563	412	577	0	0	0	4,834
<b>Total*:</b>	324	2,958	563	412	577	0	0	0	4,834
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		882	1,357	412	860	0	0	0	3,511
<b>Total:</b>		882	1,357	412	860	0	0	0	3,511

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Meter Additions

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	8054	<b>End Date:</b>	Q4/2020
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides new or replacement meters for both residential and commercial services. Work included in this project includes installations of new and/or upgraded meter services; obsolete meter exchanges; audits of new meter services, solar metering, and technology impacting the distribution system; testing, calibration, meter inventory management, and verifying electrical measurement standards. This project ensures accurate customer billing.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	68,178	4,920	4,588	3,164	2,574	2,493	1,986	1,697	89,600
<b>Total:</b>	68,178	4,920	4,588	3,164	2,574	2,493	1,986	1,697	89,600
<b>Fund Appropriations/Allocations</b>									
City Light Fund	68,178	4,920	4,588	3,164	2,574	2,493	1,986	1,697	89,600
<b>Total*:</b>	68,178	4,920	4,588	3,164	2,574	2,493	1,986	1,697	89,600
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,428	4,588	3,164	2,574	2,493	1,986	1,697	20,930
<b>Total:</b>		4,428	4,588	3,164	2,574	2,493	1,986	1,697	20,930

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### 2014 - 2019 Proposed Capital Improvement Program

**Meter Reading Software Replacement**

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	9953	<b>End Date:</b>	Q4/2013
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project upgrades City Light's aging Itron's Premier Plus 4(P+4) Meter Reading System. Support for the current meter reading system ceases in 2012. The system consists of electronic, handheld meter reading units used by the meter readers to record a customer's energy use information and a software system which interfaces with the handheld units and the CCSS Billing System. Upgrading City Light's Meter Reading System increases system stability and reliability, while enhancing accurate and timely customer billing.

The project will be implemented in two phases  
 Phase 1 will be software and hard ware upgrades  
 Phase 2 will be route optimization

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,113	591	0	0	0	0	0	0	1,704
<b>Total:</b>	1,113	591	0	0	0	0	0	0	1,704
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,113	591	0	0	0	0	0	0	1,704
<b>Total*:</b>	1,113	591	0	0	0	0	0	0	1,704
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		397	0	0	0	0	0	0	397
<b>Total:</b>		397	0	0	0	0	0	0	397

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**



# Seattle City Light

## Miscellaneous Building Improvements

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9007	<b>End Date:</b>	Q4/2019
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project capitalizes on emergent opportunities to make improvements to City Light's buildings and facilities. The project also provides for cost effective asset preservation measures, the need for which had not been previously foreseen. The project protects employees and customers from health and safety hazards and permits SCL to meet safety and health code requirements.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	13,902	1,889	2,473	1,150	1,172	1,200	1,001	1,255	24,042
<b>Total:</b>	13,902	1,889	2,473	1,150	1,172	1,200	1,001	1,255	24,042
<b>Fund Appropriations/Allocations</b>									
City Light Fund	13,902	1,889	2,473	1,150	1,172	1,200	1,001	1,255	24,042
<b>Total*:</b>	13,902	1,889	2,473	1,150	1,172	1,200	1,001	1,255	24,042
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,437	2,473	1,150	1,172	1,200	1,001	1,255	9,688
<b>Total:</b>		1,437	2,473	1,150	1,172	1,200	1,001	1,255	9,688

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Mobile Workforce Implementation

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	8429	<b>End Date:</b>	Q4/2018
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides mobile communication and computing equipment for Seattle City Light workers to use in the field. The project improves operational efficiency by permitting more efficient scheduling of crews and rapid revision of crew schedules during emergencies, and reducing transit time between job sites.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	1,536	2,939	1,210	1,166	0	6,851
<b>Total:</b>	0	0	0	1,536	2,939	1,210	1,166	0	6,851
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	1,536	2,939	1,210	1,166	0	6,851
<b>Total*:</b>	0	0	0	1,536	2,939	1,210	1,166	0	6,851
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Neighborhood Cable Injection Program

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	8440	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This ongoing project rejuvenates old cable in numerous Seattle neighborhoods by injecting an approved silicone type fluid that extends the life of the existing stranded power cables. This project injects 125,000 linear feet (LF) cable annually at an expected cost of about \$40 per LF.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	10,212	7,791	16	0	0	0	0	0	18,019
<b>Total:</b>	10,212	7,791	16	0	0	0	0	0	18,019
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10,212	7,791	16	0	0	0	0	0	18,019
<b>Total*:</b>	10,212	7,791	16	0	0	0	0	0	18,019
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,426	16	0	0	0	0	0	1,442
<b>Total:</b>		1,426	16	0	0	0	0	0	1,442

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Neighborhood Voluntary Undergrounding Program

<b>BCL/Program Name:</b>	D3 External Projects - Customer Other	<b>BCL/Program Code:</b>	SCL370-D3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8383	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides City Light resources to serve potential Voluntary Undergrounding Program (VUP) customers through the VUP process from initial estimate, financial planning, design, construction, and reimbursement of costs from the customers. The purpose of the Voluntary Underground Program (VUP) is to satisfy residential customers who are interested in converting their overhead distribution system to an underground system. This VUP is proscribed by Seattle Municipal Code, Section 21.49.110.T.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	277	470	2	2	2	2	13	13	781
<b>Total:</b>	277	470	2	2	2	2	13	13	781
<b>Fund Appropriations/Allocations</b>									
City Light Fund	277	470	2	2	2	2	13	13	781
<b>Total*:</b>	277	470	2	2	2	2	13	13	781
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		63	12	12	12	13	13	13	138
<b>Total:</b>		63	12	12	12	13	13	13	138

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Network Additions and Services - Denny

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	8405	<b>End Date:</b>	Q4/2019
<b>Location:</b>	Valley Street/Denny Ave		
<b>Neighborhood Plan:</b>	South Lake Union	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	South Lake Union

This ongoing project provides electrical service connections and related improvements in response to customer service needs within the North Downtown network area. The project provides civil and electrical design assistance to customers to connect existing and proposed buildings to the North Downtown network system. This project also performs capacity addition work associated with service connections, and replaces or installs network transformers, network protectors, and bus ties switches.

		LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
City Light Fund Revenues		0	129	1,425	2,570	2,636	682	691	707	8,840
<b>Total:</b>		0	129	1,425	2,570	2,636	682	691	707	8,840
<b>Fund Appropriations/Allocations</b>										
City Light Fund		0	129	1,425	2,570	2,636	682	691	707	8,840
<b>Total*:</b>		0	129	1,425	2,570	2,636	682	691	707	8,840
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
City Light Fund			122	1,425	2,570	2,636	682	691	707	8,833
<b>Total:</b>			122	1,425	2,570	2,636	682	691	707	8,833

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Network Additions and Services: Broad Street Substation

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8363	<b>End Date:</b>	Q4/2019
<b>Location:</b>	319 6th AV N		
<b>Neighborhood Plan:</b>	South Lake Union	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	29,264	6,748	5,115	5,879	6,021	6,163	6,308	6,455	71,953
<b>Total:</b>	29,264	6,748	5,115	5,879	6,021	6,163	6,308	6,455	71,953
<b>Fund Appropriations/Allocations</b>									
City Light Fund	29,264	6,748	5,115	5,879	6,021	6,163	6,308	6,455	71,953
<b>Total*:</b>	29,264	6,748	5,115	5,879	6,021	6,163	6,308	6,455	71,953
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		8,630	5,115	5,879	6,021	6,163	6,308	6,455	44,571
<b>Total:</b>		8,630	5,115	5,879	6,021	6,163	6,308	6,455	44,571

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Network Additions and Svcs: First Hill, Mass, Union & Univer

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8364	<b>End Date:</b>	Q4/2019
<b>Location:</b>	1555 Utah AV S		
<b>Neighborhood Plan:</b>	Duwamish	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	26,131	2,219	4,314	2,602	2,659	2,722	2,786	2,850	46,283
<b>Total:</b>	26,131	2,219	4,314	2,602	2,659	2,722	2,786	2,850	46,283
<b>Fund Appropriations/Allocations</b>									
City Light Fund	26,131	2,219	4,314	2,602	2,659	2,722	2,786	2,850	46,283
<b>Total*:</b>	26,131	2,219	4,314	2,602	2,659	2,722	2,786	2,850	46,283
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,027	4,314	2,602	2,659	2,722	2,786	2,850	19,960
<b>Total:</b>		2,027	4,314	2,602	2,659	2,722	2,786	2,850	19,960

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Network Geographic Information Systems

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	9943	<b>End Date:</b>	Q4/2015
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project moves the software environment used to maintain the Geographic Information System's data off of an obsolete, custom coded, legacy application environment, and into a more sustainable, more out of the box application environment. This project will enhance the reliability of the storage of GIS data and the day to day work of designing, maintaining and operating the Network system.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,241	1,751	301	114	0	0	0	0	3,407
<b>Total:</b>	1,241	1,751	301	114	0	0	0	0	3,407
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,241	1,751	301	114	0	0	0	0	3,407
<b>Total*:</b>	1,241	1,751	301	114	0	0	0	0	3,407
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,075	301	114	0	0	0	0	1,490
<b>Total:</b>		1,075	301	114	0	0	0	0	1,490

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### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Network Hazeltine Upgrade

<b>BCL/Program Name:</b>	C2 Distribution - Network	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	8129	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project upgrades City Light's remote vault monitoring capability for the Hazeltine system. The project provides remote monitoring of network transformers, protectors, vaults, and supports daily utility operations. The project enhances the network monitoring capability by allowing an alarm to be sent to the System Control Center within 30 seconds of an abnormal electrical component or environmental condition occurrence.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	4,942	564	470	518	525	537	550	563	8,669
<b>Total:</b>	4,942	564	470	518	525	537	550	563	8,669
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,942	564	470	518	525	537	550	563	8,669
<b>Total*:</b>	4,942	564	470	518	525	537	550	563	8,669
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		567	470	518	525	537	550	563	3,730
<b>Total:</b>		567	470	518	525	537	550	563	3,730

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## **2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Network Maintenance Hole and Vault Rebuild

<b>BCL/Program Name:</b>	C2 Distribution - Network	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	8130	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project repairs or replaces damaged electrical manholes, vaults and ducts located in the street right of way within the Downtown Central and Pioneer Square business districts. The project provides reliable and safe electrical service to the network, and enhances safety for City Light crews and the public by reducing the large backlog of old or damaged electrical facilities.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	47,351	2,493	2,333	2,915	2,988	3,013	3,083	3,155	67,331
<b>Total:</b>	47,351	2,493	2,333	2,915	2,988	3,013	3,083	3,155	67,331
<b>Fund Appropriations/Allocations</b>									
City Light Fund	47,351	2,493	2,333	2,915	2,988	3,013	3,083	3,155	67,331
<b>Total*:</b>	47,351	2,493	2,333	2,915	2,988	3,013	3,083	3,155	67,331
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,235	2,333	2,915	2,988	3,013	3,083	3,155	19,722
<b>Total:</b>		2,235	2,333	2,915	2,988	3,013	3,083	3,155	19,722

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Newhalem - Generator 20/Support Facility Rebuild

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	6479	<b>End Date:</b>	Q4/2014
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project rehabilitates the Newhalem Generator 20 turbine runner and penstock. Placed in service in 1921, the turbine runner and penstock have reached the end of their useful life. This system has a 2.5 megawatts generating capacity of clean renewable power. In addition, it provides emergency power backup to Newhalem and Gorge facilities.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	925	16	43	0	0	0	0	0	984
<b>Total:</b>	925	16	43	0	0	0	0	0	984
<b>Fund Appropriations/Allocations</b>									
City Light Fund	925	16	43	0	0	0	0	0	984
<b>Total*:</b>	925	16	43	0	0	0	0	0	984
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		354	43	0	0	0	0	0	397
<b>Total:</b>		354	43	0	0	0	0	0	397

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Normal Emergency

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8379	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	4,588	883	931	598	611	625	640	655	9,531
<b>Total:</b>	4,588	883	931	598	611	625	640	655	9,531
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,588	883	931	598	611	625	640	655	9,531
<b>Total*:</b>	4,588	883	931	598	611	625	640	655	9,531
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		531	931	598	611	625	640	655	4,591
<b>Total:</b>		531	931	598	611	625	640	655	4,591

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## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## North and South Service Center Improvements

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9107	<b>End Date:</b>	Q4/2019
<b>Location:</b>	Outside the City of Seattle		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project improves office, shop, and storage areas in the North and South Service Centers. The project increases efficiency, productivity, safety improvements and optimal use of space.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	27,440	3,252	718	512	317	287	479	311	33,316
<b>Total:</b>	27,440	3,252	718	512	317	287	479	311	33,316
<b>Fund Appropriations/Allocations</b>									
City Light Fund	27,440	3,252	718	512	317	287	479	311	33,316
<b>Total*:</b>	27,440	3,252	718	512	317	287	479	311	33,316
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,307	718	512	317	287	479	311	6,931
<b>Total:</b>		4,307	718	512	317	287	479	311	6,931

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## North Service Center Interim Work

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	9220	<b>End Date:</b>	Q4/2015
<b>Location:</b>	1300 N 97th St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Aurora-Licton

This project creates a master plan for the development of City Light's North Service Center (NSC) properties, buildings and workspaces. The plan includes acquiring property, abutting the Service Center that is being offered for sale by the University of Washington and will provide improvements to make this property usable for City Light operations. Additional properties will be acquired, if available, between Stone Way and Aurora Ave to allow further development of the NSC, to the west. The plan also looks at potential vacation of streets and alleys to combine the space into a campus setting that can be better secured for SCL security and safety purposes. The plan could also include the addition of parking, warehouse space, engineering and shop space, a customer service center, and improved access and egress for the NSC.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,314	1,988	152	198	0	0	0	0	5,652
<b>Total:</b>	3,314	1,988	152	198	0	0	0	0	5,652
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,314	1,988	152	198	0	0	0	0	5,652
<b>Total*:</b>	3,314	1,988	152	198	0	0	0	0	5,652
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		6,794	152	198	0	0	0	0	7,144
<b>Total:</b>		6,794	152	198	0	0	0	0	7,144

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## North Substation - Transformer Replacements

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	7777	<b>End Date:</b>	Q4/2014
<b>Location:</b>	814 NE 75th St		
<b>Neighborhood Plan:</b>	Greenlake	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	North	<b>Urban Village:</b>	Not in an Urban Village

This project funds the review of two power transformers at North Substation and determines dissolved gas concentration, insulation aging, oil leaks, maintenance cost, service stress, and fault-interrupting history. The project replaces transformers with the highest failure risk or those presenting substation capacity limits. The project enhances system reliability by replacing aging substation transformers before they fail in service.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,286	5,464	22	0	0	0	0	0	7,772
<b>Total:</b>	2,286	5,464	22	0	0	0	0	0	7,772
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,286	5,464	22	0	0	0	0	0	7,772
<b>Total*:</b>	2,286	5,464	22	0	0	0	0	0	7,772
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,851	22	0	0	0	0	0	4,873
<b>Total:</b>		4,851	22	0	0	0	0	0	4,873

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**Office Furniture and Equipment Purchase**

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	9103	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides office equipment and furniture costing more than \$5,000 each. This project furnishes newly created or modified space under the Workplace and Process Improvement program, and replaces aging office furnishings with modular office workstations, conference room ensemble furniture, and major office machines. This project enhances worker safety and morale by purchasing ergonomic furniture and providing modern workspaces.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	25,696	506	219	542	556	569	4	594	28,686
<b>Total:</b>	25,696	506	219	542	556	569	4	594	28,686
<b>Fund Appropriations/Allocations</b>									
City Light Fund	25,696	506	219	542	556	569	4	594	28,686
<b>Total*:</b>	25,696	506	219	542	556	569	4	594	28,686
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		251	219	542	556	569	4	594	2,735
<b>Total:</b>		251	219	542	556	569	4	594	2,735

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**



# Seattle City Light

## Overhead 26kV Conversion

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8358	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces the 4 kV electrical equipment remaining in the electrical distribution system with new, efficient and reliable 26 kV distribution equipment. This project increases capacity to deliver power to City Light customers, rebuilds and maintains the backbone of 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	7,827	1,548	1,910	1,449	600	684	1,637	1,679	17,334
<b>Total:</b>	7,827	1,548	1,910	1,449	600	684	1,637	1,679	17,334
<b>Fund Appropriations/Allocations</b>									
City Light Fund	7,827	1,548	1,910	1,449	600	684	1,637	1,679	17,334
<b>Total*:</b>	7,827	1,548	1,910	1,449	600	684	1,637	1,679	17,334
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,870	1,910	1,449	600	684	1,637	1,679	9,829
<b>Total:</b>		1,870	1,910	1,449	600	684	1,637	1,679	9,829

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Overhead Customer Driven Capacity Additions

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8355	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old line segments, 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	23,673	4,006	4,203	4,606	5,073	5,183	4,610	4,855	56,209
<b>Total:</b>	23,673	4,006	4,203	4,606	5,073	5,183	4,610	4,855	56,209
<b>Fund Appropriations/Allocations</b>									
City Light Fund	23,673	4,006	4,203	4,606	5,073	5,183	4,610	4,855	56,209
<b>Total*:</b>	23,673	4,006	4,203	4,606	5,073	5,183	4,610	4,855	56,209
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,176	4,203	4,606	5,073	5,183	4,610	4,855	31,706
<b>Total:</b>		3,176	4,203	4,606	5,073	5,183	4,610	4,855	31,706

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Overhead Equipment Replacements

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8351	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces older equipment in City Light's distribution system that is nearing the end of its usable life; is overloaded or is of an outdated design, which requires replacement due to the lack of spare parts. These items include, but are not limited to, poles, cross-arms, transformers, and open-wire secondaries.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	38,386	9,238	18,016	19,585	20,459	23,539	21,029	22,042	172,294
<b>Total:</b>	38,386	9,238	18,016	19,585	20,459	23,539	21,029	22,042	172,294
<b>Fund Appropriations/Allocations</b>									
City Light Fund	38,386	9,238	18,016	19,585	20,459	23,539	21,029	22,042	172,294
<b>Total*:</b>	38,386	9,238	18,016	19,585	20,459	23,539	21,029	22,042	172,294
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		8,904	18,016	19,585	20,459	23,539	21,029	22,042	133,574
<b>Total:</b>		8,904	18,016	19,585	20,459	23,539	21,029	22,042	133,574

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Overhead Outage Replacements

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8350	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project supports the capitalized portion of work resulting from unplanned, non-emergency, overhead outages. These outages result from events, such as storms, accidents, and equipment failures. The project funds permanent storm repairs and construction of new infrastructure to bypass failing equipment. The project ensures that customers' electric power is restored as quickly as possible.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,131	196	348	302	213	235	282	577	5,284
<b>Total:</b>	3,131	196	348	302	213	235	282	577	5,284
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,131	196	348	302	213	235	282	577	5,284
<b>Total*:</b>	3,131	196	348	302	213	235	282	577	5,284
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		116	348	302	213	235	282	577	2,073
<b>Total:</b>		116	348	302	213	235	282	577	2,073

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Overhead System Capacity Additions

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8356	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old line segments, replaces rotten and damaged poles in the distribution system. City Light customers pay for some of this work.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	22,106	2,119	2,209	2,823	2,759	2,931	2,903	2,607	40,457
<b>Total:</b>	22,106	2,119	2,209	2,823	2,759	2,931	2,903	2,607	40,457
<b>Fund Appropriations/Allocations</b>									
City Light Fund	22,106	2,119	2,209	2,823	2,759	2,931	2,903	2,607	40,457
<b>Total*:</b>	22,106	2,119	2,209	2,823	2,759	2,931	2,903	2,607	40,457
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,161	2,209	2,823	2,759	2,931	2,903	2,607	18,393
<b>Total:</b>		2,161	2,209	2,823	2,759	2,931	2,903	2,607	18,393

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### 2014 - 2019 Proposed Capital Improvement Program

**PC, Windows, Software Upgrades**

<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	9951	<b>End Date:</b>	Q4/2014
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project upgrades computers and core software applications that are now beyond or approaching end of life support from manufacturers. Upgrades may include: replace all Gateway PCs and laptops (quantity 1800); replace the Windows XP operating system with Windows 7; replace Office 2003 with Office 2010; replace Project 2003 and Visio 2003 with current versions; replace Novell ZENworks with Microsoft System Center Configuration Manager.

The project allows SCL to obtain bug fixes, compatibility updates, and less important security patches. It simplifies purchase of new hardware since manufacturers are no longer developing hardware drivers for Windows XP, which means that new printers and other peripherals are not compatible. This project allows SCL to maintain compatibility with other City departments that upgraded the Microsoft Office software in 2009. It eliminates compatibility problems, workarounds, and emergency fixes to maintain business processes.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,159	2,516	115	0	0	0	0	0	4,790
<b>Total:</b>	2,159	2,516	115	0	0	0	0	0	4,790
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,159	2,516	115	0	0	0	0	0	4,790
<b>Total*:</b>	2,159	2,516	115	0	0	0	0	0	4,790
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		939	846	0	0	0	0	0	1,785
<b>Total:</b>		939	846	0	0	0	0	0	1,785

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**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## PCB Transformer Replacement

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	8463	<b>End Date:</b>	Q4/2019
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	305	341	1,246	1,338	1,331	1,331	646	6,538
<b>Total:</b>	0	305	341	1,246	1,338	1,331	1,331	646	6,538
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	305	341	1,246	1,338	1,331	1,331	646	6,538
<b>Total*:</b>	0	305	341	1,246	1,338	1,331	1,331	646	6,538
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Pole Attachment Requests Preparation Work

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	8452	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds utility crews and engineers to prepare City Light poles for the attachment of other utilities and wireless site construction. This project provides for additional revenues through pole attachment fees and construction costs, which are fully reimbursable.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,581	2,417	2,747	2,775	3,431	3,512	3,595	3,678	23,736
<b>Total:</b>	1,581	2,417	2,747	2,775	3,431	3,512	3,595	3,678	23,736
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,581	2,417	2,747	2,775	3,431	3,512	3,595	3,678	23,736
<b>Total*:</b>	1,581	2,417	2,747	2,775	3,431	3,512	3,595	3,678	23,736
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,611	2,747	2,775	3,431	3,512	3,595	3,678	21,349
<b>Total:</b>		1,611	2,747	2,775	3,431	3,512	3,595	3,678	21,349

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### 2014 - 2019 Proposed Capital Improvement Program



**Pole Yard Relocation**

**BCL/Program Name:** E3 Central Utility Projects - Fleets and Facilities      **BCL/Program Code:** SCL250-E3  
**Project Type:** New Facility      **Start Date:** Q1/2011  
**Project ID:** 9226      **End Date:** Q4/2014  
**Location:**  
**Neighborhood Plan:** Not in Neighborhood Plan      **Neighborhood Plan Matrix:**  
**Neighborhood District:**      **Urban Village:**

This project creates a permanent pole storage yard using two rights of ways located just south of Seattle. Funding is needed for engineering design, site surveys, geotechnical, permits, roadways, pile storage, water main protection, drainage, environmental remediation, fencing, lighting, and the purchase and set up of a modular building. The project eliminates the potential of any contamination that may leech from our poles, from reaching the Duwamish River through the design of a drainage system that is filtered and then sent directly to the King County Waste Treatment facility.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	251	273	0	0	0	0	0	0	524
<b>Total:</b>	251	273	0	0	0	0	0	0	524
<b>Fund Appropriations/Allocations</b>									
City Light Fund	251	273	0	0	0	0	0	0	524
<b>Total*:</b>	251	273	0	0	0	0	0	0	524
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		239	0	0	0	0	0	0	239
<b>Total:</b>		239	0	0	0	0	0	0	239

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**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Power Production - Network Controls

<b>BCL/Program Name:</b>	A4 Power Supply - Power Supply Other	<b>BCL/Program Code:</b>	SCL250-A4
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	6385	<b>End Date:</b>	Q4/2017
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides the infrastructure required to install the basic control network and integrate existing, major control systems for a Skagit wide network controls program, to be located at each of the Skagit facilities. This project improves monitoring and control of the Skagit facilities, reduces maintenance and potential outages, and reduces cost and time of maintenance and outages. This project incorporates features that lead to enhanced data acquisition that is part of the NERC requirements.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,782	2,625	770	1,217	1,384	276	0	0	8,054
<b>Total:</b>	1,782	2,625	770	1,217	1,384	276	0	0	8,054
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,782	2,625	770	1,217	1,384	276	0	0	8,054
<b>Total*:</b>	1,782	2,625	770	1,217	1,384	276	0	0	8,054
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,164	770	438	1,199	1,239	0	0	4,810
<b>Total:</b>		1,164	770	438	1,199	1,239	0	0	4,810

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Relaying Improvements

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7753	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces protective relays, to ensure system reliability by protecting the rest of the distribution system from potentially cascading effects if one part fails to operate properly. It upgrades relay technology, allowing remote control and documentation of system events, which enhances the detection and management of equipment problems.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	16,423	3,000	4,508	5,150	4,136	4,250	4,590	5,298	47,355
<b>Total:</b>	16,423	3,000	4,508	5,150	4,136	4,250	4,590	5,298	47,355
<b>Fund Appropriations/Allocations</b>									
City Light Fund	16,423	3,000	4,508	5,150	4,136	4,250	4,590	5,298	47,355
<b>Total*:</b>	16,423	3,000	4,508	5,150	4,136	4,250	4,590	5,298	47,355
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,303	4,508	5,150	4,136	4,250	4,590	5,298	31,235
<b>Total:</b>		3,303	4,508	5,150	4,136	4,250	4,590	5,298	31,235

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Replace Breakers BPA Covington and Maple Valley Substations

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	7121	<b>End Date:</b>	Q4/2019
<b>Location:</b>	Kent		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	546	13	14	14	15	16	17	590	1,225
<b>Total:</b>	546	13	14	14	15	16	17	590	1,225
<b>Fund Appropriations/Allocations</b>									
City Light Fund	546	13	14	14	15	16	17	590	1,225
<b>Total*:</b>	546	13	14	14	15	16	17	590	1,225
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Ross - 480V AC Station Service Switchgear Replacement

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2016
<b>Project ID:</b>	6580	<b>End Date:</b>	Q4/2018
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project replaces station service switchgear at Ross.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	108	110	455	0	673
<b>Total:</b>	0	0	0	0	108	110	455	0	673
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	108	110	455	0	673
<b>Total*:</b>	0	0	0	0	108	110	455	0	673
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Ross - Butterfly Trunnion Replacement and By-Pass Retrofit

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	6587	<b>End Date:</b>	Q4/2016
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will design and install a by pass system to allow the Ross draft tube to be drained without releasing oil. It will also replace the butterfly valve with a greaseless gasket.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	592	548	117	0	0	0	1,257
<b>Total:</b>	0	0	592	548	117	0	0	0	1,257
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	592	548	117	0	0	0	1,257
<b>Total*:</b>	0	0	592	548	117	0	0	0	1,257
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**Ross - Oil Vapor Reduction @ Turbine Guide**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	6586	<b>End Date:</b>	Q4/2016
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will design and install a system to control oil vapor for the turbine guide at Ross.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	330	305	80	0	0	0	715
<b>Total:</b>	0	0	330	305	80	0	0	0	715
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	330	305	80	0	0	0	715
<b>Total*:</b>	0	0	330	305	80	0	0	0	715
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Ross - Powerhouse Rockfall Mitigation**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2017
<b>Project ID:</b>	6577	<b>End Date:</b>	Q4/2020
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will install rock fall protection measures above the Ross Powerhouse.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	110	338	0	448
<b>Total:</b>	0	0	0	0	0	110	338	0	448
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	110	338	0	448
<b>Total*:</b>	0	0	0	0	0	110	338	0	448
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**



# Seattle City Light

## Ross - R1 and R2 Relay and Instrumentation Upgrade

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2017
<b>Project ID:</b>	6582	<b>End Date:</b>	Q4/2020
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project installs relays and monitoring instruments on the Ross R1 and R2 lines to improve transmission reliability.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	111	114	491	716
<b>Total:</b>	0	0	0	0	0	111	114	491	716
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	111	114	491	716
<b>Total*:</b>	0	0	0	0	0	111	114	491	716
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Ross - Silvacell Nozzle Retrofit

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	6585	<b>End Date:</b>	Q4/2016
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will replace or rehabilitate Silvacell nozzle at Ross.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	179	482	335	0	0	0	996
<b>Total:</b>	0	0	179	482	335	0	0	0	996
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	179	482	335	0	0	0	996
<b>Total*:</b>	0	0	179	482	335	0	0	0	996
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Ross Dam - AC/DC Distribution System Upgrade

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6373	<b>End Date:</b>	Q4/2020
<b>Location:</b>	Milepost 128 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project upgrades aging AC electrical distribution system at Ross Dam with a new electrical distribution system. It installs conduit, ducting, distribution panels and wire. It improves the 4 kV system, improves lighting, and provides improvements on top of the dam including a center substation room, emergency generator, valve houses, and a 130-volt battery bank. New conduit and conductors improve reliability of spillgate operations and other dam operations requiring electric power. New electrical equipment, new lighting, and the addition of emergency lighting allow staff greater operational flexibility, safety, and efficiency.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,514	409	581	1,130	1,566	967	618	407	7,192
<b>Total:</b>	1,514	409	581	1,130	1,566	967	618	407	7,192
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,514	409	581	1,130	1,566	967	618	407	7,192
<b>Total*:</b>	1,514	409	581	1,130	1,566	967	618	407	7,192
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		230	581	1,130	492	1,581	1,078	407	5,499
<b>Total:</b>		230	581	1,130	492	1,581	1,078	407	5,499

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Ross Exciters 41 - 44

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6564	<b>End Date:</b>	Q4/2019
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will replace exciters on all four Ross generating units. The current exciters are extremely outdated and a failure would cause a long outage.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	2,223	426	1,919	502	574	32	5,676
<b>Total:</b>	0	0	2,223	426	1,919	502	574	32	5,676
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	2,223	426	1,919	502	574	32	5,676
<b>Total*:</b>	0	0	2,223	426	1,919	502	574	32	5,676
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		25	1,134	1,432	373	1,284	1,357	97	5,702
<b>Total:</b>		25	1,134	1,432	373	1,284	1,357	97	5,702

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Ross Governors

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6562	<b>End Date:</b>	Q4/2015
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project replaces Governors and Exciters on all four of the Ross Powerhouse generating units.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	2,506	2,537	0	0	0	0	5,043
<b>Total:</b>	0	0	2,506	2,537	0	0	0	0	5,043
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	2,506	2,537	0	0	0	0	5,043
<b>Total*:</b>	0	0	2,506	2,537	0	0	0	0	5,043
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		24	2,260	2,783	0	0	0	0	5,067
<b>Total:</b>		24	2,260	2,783	0	0	0	0	5,067

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Ross Powerhouse - Fire Protection Systems Modification

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	6166	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Milepost 128 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides a water spray generator fire suppression system for Generators 41-44, with installation coinciding with the generator rebuilds. The project replaces the existing carbon dioxide (CO2) system, and improves the sensing, controls, and alarms. The project scope includes design and installation of a water delivery system and a new control system for fire detection, alarming, and suppression. This project is consistent with a 2003 SCL engineering report which recommended conversion of generator fire suppression systems from CO2 to water spray.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,238	(9)	0	172	31	0	0	0	2,432
<b>Total:</b>	2,238	(9)	0	172	31	0	0	0	2,432
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,238	(9)	0	172	31	0	0	0	2,432
<b>Total*:</b>	2,238	(9)	0	172	31	0	0	0	2,432
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	172	31	0	0	0	203
<b>Total:</b>		0	0	172	31	0	0	0	203

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Ross Powerhouse - Programmable Language Controller Upgrade

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6376	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Milepost 128 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the five Ross Dam Powerhouse Programmable Logic Controllers (PLC). There is one PLC for each of the four generator units, and a fifth PLC monitoring other critical powerhouse equipment. The project improves City Light's ability to make programming enhancements commensurate with operational and regulatory needs, assures comprehensive and correct documentation, and delivers a 24VDC system that eliminates the need of LOTO (Lock-Out/Tag-Out) safety procedures. It provides redundancy, which yields the ability to perform remote start-stop and other control functions of the generators.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	191	378	343	0	0	0	0	912
<b>Total:</b>	0	191	378	343	0	0	0	0	912
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	191	378	343	0	0	0	0	912
<b>Total*:</b>	0	191	378	343	0	0	0	0	912
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		126	378	343	0	0	0	0	847
<b>Total:</b>		126	378	343	0	0	0	0	847

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Ross Powerhouse - Replace Governor Oil Pumps

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6377	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Milepost 128 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces the governor oil pump systems on all four Ross Powerhouse generator units. The original pump systems are over 50 years old. They are worn and inefficient. Failures have already caused forced outages. Spare parts are not available. Replacement of the governor oil pump systems helps ensure reliable operation for another 20-30 years.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	115	0	0	0	0	0	0	115
<b>Total:</b>	0	115	0	0	0	0	0	0	115
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	115	0	0	0	0	0	0	115
<b>Total*:</b>	0	115	0	0	0	0	0	0	115
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	676	42	0	0	0	0	718
<b>Total:</b>		0	676	42	0	0	0	0	718

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### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Ross Powerhouse - Replace Transformer Banks 42 and 44

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6541	<b>End Date:</b>	Q4/2016
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	1,689	3,290	1,673	0	0	0	6,652
<b>Total:</b>	0	0	1,689	3,290	1,673	0	0	0	6,652
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	1,689	3,290	1,673	0	0	0	6,652
<b>Total*:</b>	0	0	1,689	3,290	1,673	0	0	0	6,652
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,032	1,409	3,570	1,673	0	0	0	7,684
<b>Total:</b>		1,032	1,409	3,570	1,673	0	0	0	7,684

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Ross Rock Slide Area Improvements

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	6516	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Milepost 128 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,853	4,170	2,795	533	0	0	0	0	9,351
<b>Total:</b>	1,853	4,170	2,795	533	0	0	0	0	9,351
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,853	4,170	2,795	533	0	0	0	0	9,351
<b>Total*:</b>	1,853	4,170	2,795	533	0	0	0	0	9,351
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,956	2,795	533	0	0	0	0	5,284
<b>Total:</b>		1,956	2,795	533	0	0	0	0	5,284

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Safety Modifications

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9006	<b>End Date:</b>	Q4/2019
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project modifies City Light's facilities and provides equipment to correct imminent and critical safety hazards. The project includes upgrades and revisions to systems, equipment and operations, properties and facilities, as needed to comply with safety regulations and best practices for a safe, efficient, and secure work environment.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,602	1,447	579	1,312	1,347	1,379	503	1,440	11,609
<b>Total:</b>	3,602	1,447	579	1,312	1,347	1,379	503	1,440	11,609
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,602	1,447	579	1,312	1,347	1,379	503	1,440	11,609
<b>Total*:</b>	3,602	1,447	579	1,312	1,347	1,379	503	1,440	11,609
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,301	579	1,312	1,347	1,379	503	1,440	7,861
<b>Total:</b>		1,301	579	1,312	1,347	1,379	503	1,440	7,861

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## SeaTac Undergrounding

<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	8444	<b>End Date:</b>	Q4/2013
<b>Location:</b>	S. 154th St / 24th Ave S./S. 154th St / 32nd Ave S.		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces Seattle City Light's electrical distribution system with an underground electrical distribution system along on South 154th Street between 24th Avenue South & 32nd Avenue South in the SeaTac Area. The costs will be paid for by the City of SeaTac as part of the project cost for the road widening project which precipitated this OH to UG conversion.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	721	17	0	0	0	0	0	0	738
<b>Total:</b>	721	17	0	0	0	0	0	0	738
<b>Fund Appropriations/Allocations</b>									
City Light Fund	721	17	0	0	0	0	0	0	738
<b>Total*:</b>	721	17	0	0	0	0	0	0	738
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		11	0	0	0	0	0	0	11
<b>Total:</b>		11	0	0	0	0	0	0	11

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Security Improvements

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	9202	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program plans, designs and implements projects, improving the physical security of City Light critical facilities, in order to mitigate unauthorized access and criminal activities that could cause significant system damage, power outages, and other related disruptions to the electrical system. The project reduces the risk of sabotage, vandalism, theft, and terrorism that can result in the loss of valuable infrastructure for generation and distribution of power. The project also reduces risk of noncompliance with North American Reliability Council (NERC) 1200 Standards, adopted May 2, 2006, to improve security at critical facilities that house command and control systems. It enhances reliability of the power system in the Pacific Northwest, reduces the risk of lost revenues, and reduces the jeopardy to public safety and emergency response due to loss of lifeline services such as medical services, water and wastewater systems, communications, law enforcement, banking, transportation system, etc.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	14,648	2,942	2,085	2,006	2,054	2,102	2,151	2,335	30,323
<b>Total:</b>	14,648	2,942	2,085	2,006	2,054	2,102	2,151	2,335	30,323
<b>Fund Appropriations/Allocations</b>									
City Light Fund	14,648	2,942	2,085	2,006	2,054	2,102	2,151	2,335	30,323
<b>Total*:</b>	14,648	2,942	2,085	2,006	2,054	2,102	2,151	2,335	30,323
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,361	2,085	2,006	2,054	2,102	2,151	2,335	15,094
<b>Total:</b>		2,361	2,085	2,006	2,054	2,102	2,151	2,335	15,094

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Seismic Mitigation

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1998
<b>Project ID:</b>	9134	<b>End Date:</b>	Q4/2018
<b>Location:</b>	Outside the City of Seattle		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds structural upgrades to buildings. This project is for miscellaneous, unidentified seismic issues other than the Georgetown Steam Plant, Service Centers and Substations, which are funded through other projects. The project protects City Light's assets, employees, customers, visitors, equipment, and materials.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	4,567	57	61	32	33	34	34	0	4,818
<b>Total:</b>	4,567	57	61	32	33	34	34	0	4,818
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,567	57	61	32	33	34	34	0	4,818
<b>Total*:</b>	4,567	57	61	32	33	34	34	0	4,818
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		742	61	32	33	34	34	0	936
<b>Total:</b>		742	61	32	33	34	34	0	936

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Shoreline Undergrounding: North City and Aurora Avenue North

<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	8320	<b>End Date:</b>	Q4/2016
<b>Location:</b>	2136 N 163rd St, Shoreline		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	24,397	10,618	962	988	42	0	0	0	37,007
<b>Total:</b>	24,397	10,618	962	988	42	0	0	0	37,007
<b>Fund Appropriations/Allocations</b>									
City Light Fund	24,397	10,618	962	988	42	0	0	0	37,007
<b>Total*:</b>	24,397	10,618	962	988	42	0	0	0	37,007
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		166	4,041	5,686	42	0	0	0	9,935
<b>Total:</b>		166	4,041	5,686	42	0	0	0	9,935

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**Skagit - Babcock Creek Crossing**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	6514	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	370	0	0	0	0	0	370
<b>Total:</b>	0	0	370	0	0	0	0	0	370
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	370	0	0	0	0	0	370
<b>Total*:</b>	0	0	370	0	0	0	0	0	370
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**



# Seattle City Light

## Skagit - DC Battery System & Charge Modernization

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	6583	<b>End Date:</b>	Q4/2017
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will replace the existing DC battery system at Skagit.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	265	286	301	0	0	852
<b>Total:</b>	0	0	0	265	286	301	0	0	852
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	265	286	301	0	0	852
<b>Total*:</b>	0	0	0	265	286	301	0	0	852
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Skagit - Facilities Energy Conservation Program

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	6515	<b>End Date:</b>	Q4/2015
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,790	3,128	0	3,260	0	0	0	0	8,178
<b>Total:</b>	1,790	3,128	0	3,260	0	0	0	0	8,178
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,790	3,128	0	3,260	0	0	0	0	8,178
<b>Total*:</b>	1,790	3,128	0	3,260	0	0	0	0	8,178
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,913	0	3,260	0	0	0	0	6,173
<b>Total:</b>		2,913	0	3,260	0	0	0	0	6,173

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Skagit - Sewer System Rehabilitation

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	6232	<b>End Date:</b>	Q4/2017
<b>Location:</b>	Milepost 126 State Highway 20		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project replaces or repairs numerous sewer pipe breaks, leaks, and sags in the combined Skagit River sewer/drainage collection system, located at the Diablo Dam site. This project eliminates potential overloads in the sewage treatment plant that can cause pollution of the Skagit River and surrounding soil contamination.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	153	280	163	1,987	1,397	106	0	0	4,086
<b>Total:</b>	153	280	163	1,987	1,397	106	0	0	4,086
<b>Fund Appropriations/Allocations</b>									
City Light Fund	153	280	163	1,987	1,397	106	0	0	4,086
<b>Total*:</b>	153	280	163	1,987	1,397	106	0	0	4,086
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		197	163	1,987	860	643	0	0	3,850
<b>Total:</b>		197	163	1,987	860	643	0	0	3,850

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**Skagit Boat Facility Improvements**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6540	<b>End Date:</b>	Q4/2016
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	193	962	732	0	0	0	1,887
<b>Total:</b>	0	0	193	962	732	0	0	0	1,887
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	193	962	732	0	0	0	1,887
<b>Total*:</b>	0	0	193	962	732	0	0	0	1,887
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		163	193	962	732	0	0	0	2,050
<b>Total:</b>		163	193	962	732	0	0	0	2,050

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**2014 - 2019 Proposed Capital Improvement Program**

**Skagit Facilities Plan**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	6520	<b>End Date:</b>	Q4/2018
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,330	1,117	1	1,467	2,670	0	568	0	7,153
<b>Total:</b>	1,330	1,117	1	1,467	2,670	0	568	0	7,153
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,330	1,117	1	1,467	2,670	0	568	0	7,153
<b>Total*:</b>	1,330	1,117	1	1,467	2,670	0	568	0	7,153
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,052	1	705	3,432	0	568	0	5,758
<b>Total:</b>		1,052	1	705	3,432	0	568	0	5,758

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**2014 - 2019 Proposed Capital Improvement Program**

**Skagit Facility - Minor Improvements Program**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1989
<b>Project ID:</b>	6405	<b>End Date:</b>	Q4/2019
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides financial coverage for emergent capital projects related to all Skagit Facilities, which are by definition, unforeseeable, unscheduled, unpredictable, and occur on a first-come, first serve basis. In addition, it funds scheduled, small capital projects that have cost estimates less than \$25,000. 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	13,462	6,361	2,512	6,791	7,460	5,024	7,417	7,909	56,936
<b>Total:</b>	13,462	6,361	2,512	6,791	7,460	5,024	7,417	7,909	56,936
<b>Fund Appropriations/Allocations</b>									
City Light Fund	13,462	6,361	2,512	6,791	7,460	5,024	7,417	7,909	56,936
<b>Total*:</b>	13,462	6,361	2,512	6,791	7,460	5,024	7,417	7,909	56,936
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,394	2,512	6,791	7,460	5,024	7,417	7,909	40,507
<b>Total:</b>		3,394	2,512	6,791	7,460	5,024	7,417	7,909	40,507

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**2014 - 2019 Proposed Capital Improvement Program**

**Skagit Facility - Oil Containment Improvements**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	6458	<b>End Date:</b>	Q4/2014
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project corrects deficiencies in the existing oil containment systems at the Skagit Facility by upgrading these systems to comply with the requirements of the Clean Water Act. It provides for secondary containment for oil-filled equipment and storage containers holding greater than 54 gallons of oil. The project would bring City Light into compliance with the requirements of the Clean Water Act.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,720	269	194	0	0	0	0	0	2,183
<b>Total:</b>	1,720	269	194	0	0	0	0	0	2,183
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,720	269	194	0	0	0	0	0	2,183
<b>Total*:</b>	1,720	269	194	0	0	0	0	0	2,183
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,146	194	0	0	0	0	0	1,340
<b>Total:</b>		1,146	194	0	0	0	0	0	1,340

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Skagit Facility - Radio System Improvements

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	6421	<b>End Date:</b>	Q4/2017
<b>Location:</b>	10382 Boundary Rd, Metaline, WA 99153		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project will improve and extend radio communications to areas inside the dams where service is poor, to ensure that personnel can communicate immediately should there be a threat to personnel safety, a failure of mechanical or electrical equipment, or a concern about the dam structure. The project will improve the signal, extend service where it is currently unavailable, and provide new equipment where existing radio equipment is obsolete or no longer supported by its manufacturer.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	9	93	95	137	779	13	0	0	1,126
<b>Total:</b>	9	93	95	137	779	13	0	0	1,126
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9	93	95	137	779	13	0	0	1,126
<b>Total*:</b>	9	93	95	137	779	13	0	0	1,126
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	95	137	779	13	0	0	1,024
<b>Total:</b>		0	95	137	779	13	0	0	1,024

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



**Skagit Facility - Security Systems**

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	6388	<b>End Date:</b>	Q4/2013
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides security systems at Skagit camps and generating facilities. Project elements include installation of automated gates, surveillance equipment, and an access control and intrusion detection system. This system provides the ability to control access and prevent theft and vandalism, and is a direct result of a vulnerability and threat assessment meeting involving Skagit staff, the State Patrol, and the National Park Service.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,494	182	0	0	0	0	0	0	1,676
<b>Total:</b>	1,494	182	0	0	0	0	0	0	1,676
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,494	182	0	0	0	0	0	0	1,676
<b>Total*:</b>	1,494	182	0	0	0	0	0	0	1,676
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		94	0	0	0	0	0	0	94
<b>Total:</b>		94	0	0	0	0	0	0	94

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Skagit Licensing Mitigation

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1998
<b>Project ID:</b>	6991	<b>End Date:</b>	Q4/2018
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project enhances and protects wildlife habitat on utility owned land in the Upper Skagit River and South Fork Nooksack River valleys to meet the obligations outlined in City Light's 1995 Skagit license. It includes land acquisition, restoration, and management.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	35,530	958	596	74	261	76	77	0	37,572
<b>Total:</b>	35,530	958	596	74	261	76	77	0	37,572
<b>Fund Appropriations/Allocations</b>									
City Light Fund	35,530	958	596	74	261	76	77	0	37,572
<b>Total*:</b>	35,530	958	596	74	261	76	77	0	37,572
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		388	596	74	261	76	77	0	1,472
<b>Total:</b>		388	596	74	261	76	77	0	1,472

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Skagit Powerhouses - Install Protection Relays

<b>BCL/Program Name:</b>	A2 Power Supply - Skagit	<b>BCL/Program Code:</b>	SCL250-A2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	6415	<b>End Date:</b>	Q4/2018
<b>Location:</b>	500 Newhalem Creek Rd, Marblemount, WA 98267		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project enhances generating reliability by adding protective relays to generating systems at the Ross, Diablo, and Gorge plants, whose generator protective relays do not meet present IEEE Standards. The project funds the addition of microprocessor relays to the existing system, certain auxiliary protective equipment, and modifies the design of the existing protection system to upgrade functionality. This will limit the potential for damage when surges and faults occur in transmission lines due to lightning strikes, load rejections, and other unexpected events.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,152	879	485	506	735	449	269	0	5,475
<b>Total:</b>	2,152	879	485	506	735	449	269	0	5,475
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,152	879	485	506	735	449	269	0	5,475
<b>Total*:</b>	2,152	879	485	506	735	449	269	0	5,475
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		831	485	506	735	449	269	0	3,275
<b>Total:</b>		831	485	506	735	449	269	0	3,275

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Small Overhead and Underground Services

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8367	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides small size electric power service connections from Seattle City Light's distribution system to the customer's meter for power requirements of less than 50 KVA and 26 kV radial services. Most of this related work is billable to the customer. The project allows Seattle City Light to provide service to new customers in a safe, reliable, timely, and cost effective manner as a means to fulfill its commitment to be a customer and community-focused organization.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	36,173	5,468	5,656	6,176	6,325	6,474	6,626	6,780	79,678
<b>Total:</b>	36,173	5,468	5,656	6,176	6,325	6,474	6,626	6,780	79,678
<b>Fund Appropriations/Allocations</b>									
City Light Fund	36,173	5,468	5,656	6,176	6,325	6,474	6,626	6,780	79,678
<b>Total*:</b>	36,173	5,468	5,656	6,176	6,325	6,474	6,626	6,780	79,678
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		5,283	5,656	6,176	6,325	6,474	6,626	6,780	43,320
<b>Total:</b>		5,283	5,656	6,176	6,325	6,474	6,626	6,780	43,320

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Sound Transit Light Rail - City Light

<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	8204	<b>End Date:</b>	Q4/2014
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project allows the City of Seattle to be in compliance with several design and construction agreements between the City of Seattle and Sound Transit. The project funds the coordination, design, and construction work by project managers, engineers, and crews to add capacity to meet the new power demand along the 3.15 miles of tunnel, containing two additional stations and other supporting facilities, from the Convention Place Station to the University of Washington. The project also facilitates the region's switch to electric powered transportation systems as part of the region's clean energy future.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	47,371	6	173	0	0	0	0	0	47,550
<b>Total:</b>	47,371	6	173	0	0	0	0	0	47,550
<b>Fund Appropriations/Allocations</b>									
City Light Fund	47,371	6	173	0	0	0	0	0	47,550
<b>Total*:</b>	47,371	6	173	0	0	0	0	0	47,550
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3	173	0	0	0	0	0	176
<b>Total:</b>		3	173	0	0	0	0	0	176

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Sound Transit Light Rail East Link - City Light

<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	8450	<b>End Date:</b>	Q4/2016
<b>Location:</b>	I-90/International District Station/I-90 Bridge		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	Not in an Urban Village

This project plans for and relocates City Light's electrical facilities, as required by state law, enabling Sound Transit's construction of the East LINK light rail line from Seattle's International District Station to the Bellevue Redmond area. The department also plans to work with Sound Transit on a memorandum of agreement regarding cost reimbursement for its work, which is expected to be 100% reimbursable in keeping with past work with Sound Transit.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	42	191	1,105	39	0	0	0	1,377
<b>Total:</b>	0	42	191	1,105	39	0	0	0	1,377
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	42	191	1,105	39	0	0	0	1,377
<b>Total*:</b>	0	42	191	1,105	39	0	0	0	1,377
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		23	191	1,113	39	0	0	0	1,366
<b>Total:</b>		23	191	1,113	39	0	0	0	1,366

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**Seattle City Light**

**Sound Transit Northlink - City Light**

<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	8427	<b>End Date:</b>	Q4/2017
<b>Location:</b>	University District / Roosevelt / Northgate		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	356	3,174	1,924	946	2,171	20	0	0	8,591
<b>Total:</b>	356	3,174	1,924	946	2,171	20	0	0	8,591
<b>Fund Appropriations/Allocations</b>									
City Light Fund	356	3,174	1,924	946	2,171	20	0	0	8,591
<b>Total*:</b>	356	3,174	1,924	946	2,171	20	0	0	8,591
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,609	2,129	1,156	2,520	20	0	0	7,434
<b>Total:</b>		1,609	2,129	1,156	2,520	20	0	0	7,434

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**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## South Fork Tolt - DC Battery System & Charge Modernization

<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	6570	<b>End Date:</b>	Q4/2015
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project will replace the existing DC battery system at South Fork Tolt.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	264	0	0	0	0	264
<b>Total:</b>	0	0	0	264	0	0	0	0	264
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	264	0	0	0	0	264
<b>Total*:</b>	0	0	0	264	0	0	0	0	264
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## South Service Center Spokane Exit Modification

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	9215	<b>End Date:</b>	Q4/2014
<b>Location:</b>	3613 4th Ave S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project funds the architectural and engineering planning required to realign the South Service Center's main yard and service vehicle gate to access SDOT's new 4th Avenue S. intersection. Internal yard planning will also provide ancillary contract improvements to add warehouse shelving, yard subdivision fencing, and new garbage and recycling docks.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	3,104	5,029	276	0	0	0	0	0	8,409
<b>Total:</b>	3,104	5,029	276	0	0	0	0	0	8,409
<b>Fund Appropriations/Allocations</b>									
City Light Fund	3,104	5,029	276	0	0	0	0	0	8,409
<b>Total*:</b>	3,104	5,029	276	0	0	0	0	0	8,409
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		773	276	0	0	0	0	0	1,049
<b>Total:</b>		773	276	0	0	0	0	0	1,049

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## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Special Work Equipment - Generation Plant

<b>BCL/Program Name:</b>	A4 Power Supply - Power Supply Other	<b>BCL/Program Code:</b>	SCL250-A4
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	6102	<b>End Date:</b>	Q4/2018
<b>Location:</b>	Outside the City of Seattle		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides for the purchase of machinery and tools, and special work equipment to be used for operations activities of the Generation Branch, which include all the utility's generating sites, to ensure timely and efficient maintenance of generation facilities. Purchases are based on a five-year plan to ensure updates for technological improvements.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	11,549	1,017	903	926	952	974	997	0	17,318
<b>Total:</b>	11,549	1,017	903	926	952	974	997	0	17,318
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,549	1,017	903	926	952	974	997	0	17,318
<b>Total*:</b>	11,549	1,017	903	926	952	974	997	0	17,318
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		880	903	926	952	974	997	0	5,632
<b>Total:</b>		880	903	926	952	974	997	0	5,632

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Special Work Equipment - Other Plant

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	9102	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides new tools and work equipment to replace old or broken tools for all individual City Light units, except those required at the generation plants or substations, which have their own capital projects for special work equipment. The project ensures that field crews and other employees can accomplish their work assignments. The project supports the Department's goals of safety, productivity and employee morale.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	23,476	1,760	1,064	1,090	1,117	1,143	1,170	1,197	32,017
<b>Total:</b>	23,476	1,760	1,064	1,090	1,117	1,143	1,170	1,197	32,017
<b>Fund Appropriations/Allocations</b>									
City Light Fund	23,476	1,760	1,064	1,090	1,117	1,143	1,170	1,197	32,017
<b>Total*:</b>	23,476	1,760	1,064	1,090	1,117	1,143	1,170	1,197	32,017
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		947	1,064	1,090	1,117	1,143	1,170	1,197	7,728
<b>Total:</b>		947	1,064	1,090	1,117	1,143	1,170	1,197	7,728

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Special Work Equipment - Shops

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8389	<b>End Date:</b>	Q4/2018
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides new tools and work equipment to replace outdated equipment and testing software that is no longer supported. The project updates technical systems to current standards and provides the tools to ensure that City Light transformers are safe and will last up to and beyond the average life span for this equipment.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	972	155	165	303	311	318	326	0	2,550
<b>Total:</b>	972	155	165	303	311	318	326	0	2,550
<b>Fund Appropriations/Allocations</b>									
City Light Fund	972	155	165	303	311	318	326	0	2,550
<b>Total*:</b>	972	155	165	303	311	318	326	0	2,550
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	165	303	311	318	326	0	1,423
<b>Total:</b>		0	165	303	311	318	326	0	1,423

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Streetlight Infrastructure Replacement

<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	8460	<b>End Date:</b>	Q4/2027
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
City Light Fund Revenues		0	1,995	2,875	2,944	3,014	3,086	3,158	3,232	20,304
<b>Total:</b>		0	1,995	2,875	2,944	3,014	3,086	3,158	3,232	20,304
<b>Fund Appropriations/Allocations</b>										
City Light Fund		0	1,995	2,875	2,944	3,014	3,086	3,158	3,232	20,304
<b>Total*:</b>		0	1,995	2,875	2,944	3,014	3,086	3,158	3,232	20,304
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
City Light Fund			2,259	2,875	2,944	3,014	3,086	3,158	3,232	20,568
<b>Total:</b>			2,259	2,875	2,944	3,014	3,086	3,158	3,232	20,568

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Streetlight LED Conversion Program

<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	8441	<b>End Date:</b>	Q4/2019
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	12,186	5,111	5,382	5,510	5,643	5,776	5,402	6,048	51,058
<b>Total:</b>	12,186	5,111	5,382	5,510	5,643	5,776	5,402	6,048	51,058
<b>Fund Appropriations/Allocations</b>									
City Light Fund	12,186	5,111	5,382	5,510	5,643	5,776	5,402	6,048	51,058
<b>Total*:</b>	12,186	5,111	5,382	5,510	5,643	5,776	5,402	6,048	51,058
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,078	5,382	5,510	5,643	5,776	5,402	6,048	37,839
<b>Total:</b>		4,078	5,382	5,510	5,643	5,776	5,402	6,048	37,839

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Streetlights: Arterial, Residential and Floodlights

<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8378	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides street lighting as requested by various taxing jurisdictions and other customers. Streetlights and floodlights are provided in public right of way, and on private property, for either public or private benefit.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	17,029	2,996	3,202	3,282	3,194	3,269	3,346	3,639	39,957
<b>Total:</b>	17,029	2,996	3,202	3,282	3,194	3,269	3,346	3,639	39,957
<b>Fund Appropriations/Allocations</b>									
City Light Fund	17,029	2,996	3,202	3,282	3,194	3,269	3,346	3,639	39,957
<b>Total*:</b>	17,029	2,996	3,202	3,282	3,194	3,269	3,346	3,639	39,957
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		2,251	3,202	3,282	3,194	3,269	3,346	3,639	22,183
<b>Total:</b>		2,251	3,202	3,282	3,194	3,269	3,346	3,639	22,183

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Substation Automation

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	8424	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces and upgrades substation automation systems, including Remote Terminal Units (RTU) and annunciators, in each of City Light's fourteen substations, and upgrades equipment at two substations annually. The project reduces the likelihood and length of system outages due to failure as the current equipment is wearing out and cannot be replaced in kind because the equipment is no longer manufactured. The project also enhances energy efficiency, and reduces the probability of fines from appropriate governing bodies if loss of a substation, due to equipment failure, causes instability of the western interconnection grid and/or loss of load.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,405	1,296	1,028	840	859	879	899	965	8,171
<b>Total:</b>	1,405	1,296	1,028	840	859	879	899	965	8,171
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,405	1,296	1,028	840	859	879	899	965	8,171
<b>Total*:</b>	1,405	1,296	1,028	840	859	879	899	965	8,171
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		663	1,028	840	859	879	899	965	6,133
<b>Total:</b>		663	1,028	840	859	879	899	965	6,133

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Substation Breaker Replacements and Reliability Additions

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	7779	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds the review of City Light's inventory of approximately 400 transmission and distribution voltage circuit breakers. It determines which have the greatest wear, gas or oil leaks, maintenance cost, service stress, and fault interrupting history. It replaces those circuit breakers with the highest failure risk. This project also replaces transformer bank breakers at Union Street substation to support load growth.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	14,762	3,959	3,671	5,762	4,909	5,984	4,495	5,981	49,523
<b>Total:</b>	14,762	3,959	3,671	5,762	4,909	5,984	4,495	5,981	49,523
<b>Fund Appropriations/Allocations</b>									
City Light Fund	14,762	3,959	3,671	5,762	4,909	5,984	4,495	5,981	49,523
<b>Total*:</b>	14,762	3,959	3,671	5,762	4,909	5,984	4,495	5,981	49,523
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,093	3,671	5,762	4,909	5,984	4,495	5,981	33,895
<b>Total:</b>		3,093	3,671	5,762	4,909	5,984	4,495	5,981	33,895

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Substation Capacity Additions

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7751	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project adds new infrastructure to existing substations and systems, adds capacity to existing substations to meet increasing load demands, and enhances safety, reliability, and efficiency in the transmission of power from the substations to the distribution system.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,851	1,696	1,528	2,403	1,672	1,726	1,979	2,082	18,937
<b>Total:</b>	5,851	1,696	1,528	2,403	1,672	1,726	1,979	2,082	18,937
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,851	1,696	1,528	2,403	1,672	1,726	1,979	2,082	18,937
<b>Total*:</b>	5,851	1,696	1,528	2,403	1,672	1,726	1,979	2,082	18,937
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,733	1,528	2,403	1,672	1,726	1,979	2,082	13,123
<b>Total:</b>		1,733	1,528	2,403	1,672	1,726	1,979	2,082	13,123

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Substation Comprehensive Improvements

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	9161	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds substation improvements identified in City Light's Comprehensive Facilities Plan, seismic fitness reports, and periodic inspections targeting transmission and distribution buildings. The project implements items necessary to support assigned personnel, such as lunchroom and locker room facilities required by the union contracts, as well as structural and mechanical corrections and enhancements at substation facilities.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,580	1,112	312	195	199	203	1,011	837	6,449
<b>Total:</b>	<b>2,580</b>	<b>1,112</b>	<b>312</b>	<b>195</b>	<b>199</b>	<b>203</b>	<b>1,011</b>	<b>837</b>	<b>6,449</b>
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,580	1,112	312	195	199	203	1,011	837	6,449
<b>Total*:</b>	<b>2,580</b>	<b>1,112</b>	<b>312</b>	<b>195</b>	<b>199</b>	<b>203</b>	<b>1,011</b>	<b>837</b>	<b>6,449</b>
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		875	312	195	199	203	1,011	837	3,632
<b>Total:</b>		<b>875</b>	<b>312</b>	<b>195</b>	<b>199</b>	<b>203</b>	<b>1,011</b>	<b>837</b>	<b>3,632</b>

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Substation Equipment Improvements

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7752	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

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

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	43,410	4,323	5,402	7,163	4,573	5,317	6,117	6,317	82,622
<b>Total:</b>	43,410	4,323	5,402	7,163	4,573	5,317	6,117	6,317	82,622
<b>Fund Appropriations/Allocations</b>									
City Light Fund	43,410	4,323	5,402	7,163	4,573	5,317	6,117	6,317	82,622
<b>Total*:</b>	43,410	4,323	5,402	7,163	4,573	5,317	6,117	6,317	82,622
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		4,313	5,402	7,163	4,573	5,317	6,117	6,317	39,202
<b>Total:</b>		4,313	5,402	7,163	4,573	5,317	6,117	6,317	39,202

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Substation Plant Improvements

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7750	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project upgrades and retrofits substation buildings, their facilities and systems, and related structures. The project includes environmental improvements, and removal and replacement of outdated utilities and structures. The project provides station security, safe working conditions, and improvements in related services, such as water, sewer, and lighting.

		LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
City Light Fund Revenues		7,075	815	695	897	880	901	922	1,045	13,230
<b>Total:</b>		7,075	815	695	897	880	901	922	1,045	13,230
<b>Fund Appropriations/Allocations</b>										
City Light Fund		7,075	815	695	897	880	901	922	1,045	13,230
<b>Total*:</b>		7,075	815	695	897	880	901	922	1,045	13,230
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
City Light Fund			270	695	897	880	901	922	1,045	5,610
<b>Total:</b>			270	695	897	880	901	922	1,045	5,610

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Substation Transformer Replacements

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	7776	<b>End Date:</b>	Q4/2028
<b>Location:</b>	2136 N 163rd St, Shoreline		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	59	4,326	3,540	372	3,674	376	1,810	2,715	16,872
<b>Total:</b>	59	4,326	3,540	372	3,674	376	1,810	2,715	16,872
<b>Fund Appropriations/Allocations</b>									
City Light Fund	59	4,326	3,540	372	3,674	376	1,810	2,715	16,872
<b>Total*:</b>	59	4,326	3,540	372	3,674	376	1,810	2,715	16,872
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,238	2,659	1,997	1,958	2,079	2,094	585	12,610
<b>Total:</b>		1,238	2,659	1,997	1,958	2,079	2,094	585	12,610

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Substations Demand Driven Improvements

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7755	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project enables City Light to perform cooperative work on shared lines and systems that other electrical utilities in the region periodically ask City Light to do.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,801	6	6	6	6	7	7	7	5,846
<b>Total:</b>	5,801	6	6	6	6	7	7	7	5,846
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,801	6	6	6	6	7	7	7	5,846
<b>Total*:</b>	5,801	6	6	6	6	7	7	7	5,846
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		8	6	6	6	7	7	7	47
<b>Total:</b>		8	6	6	6	7	7	7	47

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Substations Oil Containment

<b>BCL/Program Name:</b>	C1 Distribution - Substations	<b>BCL/Program Code:</b>	SCL360-C1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	7783	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1	483	444	438	449	460	470	583	3,328
<b>Total:</b>	1	483	444	438	449	460	470	583	3,328
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1	483	444	438	449	460	470	583	3,328
<b>Total*:</b>	1	483	444	438	449	460	470	583	3,328
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		118	444	438	449	460	470	583	2,962
<b>Total:</b>		118	444	438	449	460	470	583	2,962

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Summit FinMap Upgrade - City Light

<b>BCL/Program Name:</b>	E2 Central Utility Projects - Finance and IT Systems	<b>BCL/Program Code:</b>	SCL550-E2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	9961	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project provides for the City Light participation in the evaluation, selection, implementation, and training within City Light as the City of Seattle upgrades from the current version of PeopleSoft (which is being used as the financial system for the entire City). Since this PeoplesSoft software upgrade is managed by the City, the final proposal and decision to move forward is external to City Light.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	1,200	1,281	0	0	0	0	0	2,481
<b>Total:</b>	0	1,200	1,281	0	0	0	0	0	2,481
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	1,200	1,281	0	0	0	0	0	2,481
<b>Total*:</b>	0	1,200	1,281	0	0	0	0	0	2,481
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,183	1,281	0	0	0	0	0	2,464
<b>Total:</b>		1,183	1,281	0	0	0	0	0	2,464

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**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:** Q1/2013  
**Project ID:** 9230      **End Date:** Q4/2015  
**Location:**  
**Neighborhood Plan:** Not in Neighborhood Plan      **Neighborhood Plan Matrix:**  
**Neighborhood District:**      **Urban Village:**

This project provides a new technical training center on an approximately 7 acre vacant property on East Marginal Way South in Seattle that is owned by Seattle City Light. The training center will include an approximately 9000 square foot one story building, which will house classrooms, training laboratories, and a computer lab, as well as office space, locker rooms and storage space. The center will also include extensive outdoor training installations, including two pole climbing yards, underground training vaults, a tower, and other electrical distribution oriented training equipment. Also included will be a large open paved area for CDL driving training and crane safety training.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	4,832	6,152	2,500	0	0	0	0	13,484
<b>Total:</b>	0	4,832	6,152	2,500	0	0	0	0	13,484
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	4,832	6,152	2,500	0	0	0	0	13,484
<b>Total*:</b>	0	4,832	6,152	2,500	0	0	0	0	13,484
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,647	4,097	7,764	0	0	0	0	13,508
<b>Total:</b>		1,647	4,097	7,764	0	0	0	0	13,508

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Tolt Facility - Penstock Rehabilitation**

<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	6478	<b>End Date:</b>	Q4/2013
<b>Location:</b>	19901 Cedar Falls Rd SE, North Bend, WA 98045		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project installs a Pig launcher and receiver pipe sets in the existing Tolt penstock. The Pig cleans the Iron-Related Bacteria build-up inside the penstock that has reduced generation by 4% or 2,300 MW-Hr/Year. The project improves power production capacity and reduces financial losses.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	0	0	0	0	0	0	0
<b>Total:</b>	0	0	0	0	0	0	0	0	0
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	0	0	0	0	0	0	0	0	0
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Tolt Powerhouse - Power Monitoring Equipment Upgrades

<b>BCL/Program Name:</b>	A3 Power Supply - Cedar Falls - Tolt	<b>BCL/Program Code:</b>	SCL250-A3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	6323	<b>End Date:</b>	Q4/2013
<b>Location:</b>	19901 Cedar Falls Rd SE, North Bend, WA 98045		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project installs a generator totalizer and clock at the Tolt plant to track running hours and create voltage charts. The voltage charts are essential to identifying and troubleshooting system voltage, spikes, and other voltage problems.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	42	0	0	0	0	0	0	42
<b>Total:</b>	0	42	0	0	0	0	0	0	42
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	42	0	0	0	0	0	0	42
<b>Total*:</b>	0	42	0	0	0	0	0	0	42
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		0	0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

**Tool Room Automation**

**BCL/Program Name:** C5 Distribution - Distribution Other      **BCL/Program Code:** SCL360-C5  
**Project Type:** New Facility      **Start Date:** Q1/2013  
**Project ID:** 9965      **End Date:** Q4/2014  
**Location:**  
**Neighborhood Plan:** Not in Neighborhood Plan      **Neighborhood Plan Matrix:**  
**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 tracking 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	0	269	0	0	0	0	0	269
<b>Total:</b>	0	0	269	0	0	0	0	0	269
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	0	269	0	0	0	0	0	269
<b>Total*:</b>	0	0	269	0	0	0	0	0	269
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		507	269	0	0	0	0	0	776
<b>Total:</b>		507	269	0	0	0	0	0	776

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

# Seattle City Light

## Transformer and Network Load Management Tools Upgrade

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	9952	<b>End Date:</b>	Q4/2014
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	1,055	107	0	0	0	0	0	1,162
<b>Total:</b>	0	1,055	107	0	0	0	0	0	1,162
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	1,055	107	0	0	0	0	0	1,162
<b>Total*:</b>	0	1,055	107	0	0	0	0	0	1,162
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		998	107	0	0	0	0	0	1,105
<b>Total:</b>		998	107	0	0	0	0	0	1,105

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Transmission & Generation Radio Systems

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9108	<b>End Date:</b>	Q4/2018
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project builds or replaces communications infrastructure consisting of fiber optic rings, digital microwave, telephone networks, and two-way radio systems. This project provides City Light with command and control capabilities for the operation of the electrical system. This project ensures the safe, reliable, and efficient operation of the system and positions City Light to meet the Federal Energy Regulatory Commission's vital communications systems requirements.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	12,152	2,025	488	426	436	446	457	0	16,430
<b>Total:</b>	12,152	2,025	488	426	436	446	457	0	16,430
<b>Fund Appropriations/Allocations</b>									
City Light Fund	12,152	2,025	488	426	436	446	457	0	16,430
<b>Total*:</b>	12,152	2,025	488	426	436	446	457	0	16,430
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,462	488	426	436	446	457	0	3,715
<b>Total:</b>		1,462	488	426	436	446	457	0	3,715

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Transmission Capacity

<b>BCL/Program Name:</b>	B1 Transmission - Transmission	<b>BCL/Program Code:</b>	SCL360-B1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	7011	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project upgrades transmission lines, builds new lines, relocates lines, and provides for other system needs related to the transmission system. The project enhances City Light's transmission capacity, which is the available power capacity to meet the load on the transmission system.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	11,566	50	24	24	25	25	26	20	11,760
<b>Total:</b>	11,566	50	24	24	25	25	26	20	11,760
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,566	50	24	24	25	25	26	20	11,760
<b>Total*:</b>	11,566	50	24	24	25	25	26	20	11,760
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Transmission Inter-Agency

<b>BCL/Program Name:</b>	B1 Transmission - Transmission	<b>BCL/Program Code:</b>	SCL360-B1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7105	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides demand-driven improvements to City Light's transmission system, including reimbursable transmission work and relocations of transmission equipment to meet customer, other utility, agency, and regulatory requirements. It permits Seattle City Light to meet its duties to relocate facilities at the request of other agencies.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	1,638	642	526	512	524	536	549	562	5,489
<b>Total:</b>	1,638	642	526	512	524	536	549	562	5,489
<b>Fund Appropriations/Allocations</b>									
City Light Fund	1,638	642	526	512	524	536	549	562	5,489
<b>Total*:</b>	1,638	642	526	512	524	536	549	562	5,489
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		133	526	512	524	536	549	562	3,342
<b>Total:</b>		133	526	512	524	536	549	562	3,342

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Transmission Line Inductor Installation

<b>BCL/Program Name:</b>	B1 Transmission - Transmission	<b>BCL/Program Code:</b>	SCL360-B1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	8461	<b>End Date:</b>	Q4/2016
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	227	215	6,765	6,561	0	0	0	13,768
<b>Total:</b>	0	227	215	6,765	6,561	0	0	0	13,768
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	227	215	6,765	6,561	0	0	0	13,768
<b>Total*:</b>	0	227	215	6,765	6,561	0	0	0	13,768
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		302	218	3,077	10,249	0	0	0	13,846
<b>Total:</b>		302	218	3,077	10,249	0	0	0	13,846

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Transmission Line Reconductoring

<b>BCL/Program Name:</b>	B1 Transmission - Transmission	<b>BCL/Program Code:</b>	SCL360-B1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	8462	<b>End Date:</b>	Q4/2017
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	217	206	1,270	5,005	625	0	0	7,323
<b>Total:</b>	0	217	206	1,270	5,005	625	0	0	7,323
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	217	206	1,270	5,005	625	0	0	7,323
<b>Total*:</b>	0	217	206	1,270	5,005	625	0	0	7,323
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		296	209	1,270	2,876	2,754	0	0	7,405
<b>Total:</b>		296	209	1,270	2,876	2,754	0	0	7,405

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Transmission Reliability

<b>BCL/Program Name:</b>	B1 Transmission - Transmission	<b>BCL/Program Code:</b>	SCL360-B1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	7104	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces the worst one percent of City Light's transmission structures and conductors each year. This project also provides engineering, construction, and related work; improving and maintaining the reliability of the overhead or underground transmission system.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	11,299	5,043	2,532	2,517	2,577	2,638	2,700	2,763	32,069
<b>Total:</b>	11,299	5,043	2,532	2,517	2,577	2,638	2,700	2,763	32,069
<b>Fund Appropriations/Allocations</b>									
City Light Fund	11,299	5,043	2,532	2,517	2,577	2,638	2,700	2,763	32,069
<b>Total*:</b>	11,299	5,043	2,532	2,517	2,577	2,638	2,700	2,763	32,069
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,506	2,532	2,517	2,577	2,638	2,700	2,763	19,233
<b>Total:</b>		3,506	2,532	2,517	2,577	2,638	2,700	2,763	19,233

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Transportation Driven Relocations

<b>BCL/Program Name:</b>	D2 External Projects - Transportation Relocations	<b>BCL/Program Code:</b>	SCL370-D2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8369	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project moves electrical lines to accommodate or take advantage of transportation-related projects, street vacations, or other projects being constructed by non-City Light agencies. This project addresses modifications to the distribution system, including replacement or modifications of old line segments, poles, and underground facilities, as necessary. Some project costs are paid by City Light and some are paid by the requesting agencies, depending on the circumstances.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	10,940	2,729	3,336	3,162	2,638	2,512	2,784	6,322	34,423
<b>Total:</b>	10,940	2,729	3,336	3,162	2,638	2,512	2,784	6,322	34,423
<b>Fund Appropriations/Allocations</b>									
City Light Fund	10,940	2,729	3,336	3,162	2,638	2,512	2,784	6,322	34,423
<b>Total*:</b>	10,940	2,729	3,336	3,162	2,638	2,512	2,784	6,322	34,423
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,937	3,336	3,162	2,638	2,512	2,784	6,322	22,691
<b>Total:</b>		1,937	3,336	3,162	2,638	2,512	2,784	6,322	22,691

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## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Transportation Streetlights

<b>BCL/Program Name:</b>	D1 External Projects - Local Jurisdictions	<b>BCL/Program Code:</b>	SCL370-D1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	8377	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project relocates Seattle City Light owned streetlights as required by City of Seattle transportation projects.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	5,356	922	1,499	1,701	686	548	560	571	11,843
<b>Total:</b>	5,356	922	1,499	1,701	686	548	560	571	11,843
<b>Fund Appropriations/Allocations</b>									
City Light Fund	5,356	922	1,499	1,701	686	548	560	571	11,843
<b>Total*:</b>	5,356	922	1,499	1,701	686	548	560	571	11,843
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,538	1,499	1,701	686	548	560	571	7,103
<b>Total:</b>		1,538	1,499	1,701	686	548	560	571	7,103

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Underground 26kV Conversion

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8362	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces the 4 kV electrical equipment remaining in the electrical distribution system with new, efficient and reliable 26 kV distribution equipment. This project increases capacity to deliver power to City Light customers, rebuilds and maintains the backbone of the system, saves energy by reducing transformer and line losses, improves quality and reliability of service to customers, and releases unit substation properties for better neighborhood uses.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	4,486	855	1,485	1,681	1,510	1,116	1,427	2,010	14,570
<b>Total:</b>	4,486	855	1,485	1,681	1,510	1,116	1,427	2,010	14,570
<b>Fund Appropriations/Allocations</b>									
City Light Fund	4,486	855	1,485	1,681	1,510	1,116	1,427	2,010	14,570
<b>Total*:</b>	4,486	855	1,485	1,681	1,510	1,116	1,427	2,010	14,570
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		465	1,485	1,681	1,510	1,116	1,427	2,010	9,694
<b>Total:</b>		465	1,485	1,681	1,510	1,116	1,427	2,010	9,694

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Underground Customer Driven Capacity Additions

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8360	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old underground line segments, and may replace rotten and damaged poles in the distribution system that have underground facilities beneath them. This work is driven by specific customer projects, for their direct benefit, to identify and upgrade feeders that are impacted before the new load from those projects comes online. City Light is reimbursed by the customers for this work.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	15,515	1,928	2,085	1,993	1,963	2,011	1,653	2,235	29,383
<b>Total:</b>	15,515	1,928	2,085	1,993	1,963	2,011	1,653	2,235	29,383
<b>Fund Appropriations/Allocations</b>									
City Light Fund	15,515	1,928	2,085	1,993	1,963	2,011	1,653	2,235	29,383
<b>Total*:</b>	15,515	1,928	2,085	1,993	1,963	2,011	1,653	2,235	29,383
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,840	2,085	1,993	1,963	2,011	1,653	2,235	13,780
<b>Total:</b>		1,840	2,085	1,993	1,963	2,011	1,653	2,235	13,780

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Seattle City Light

## Underground Equipment Replacements

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	8353	<b>End Date:</b>	Q4/2023
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces and improves underground electrical system equipment that is failing or approaching the end of its useful life. This project enhances distribution system reliability, avoiding unplanned outages or interruption of service due to equipment failure.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	9,209	4,066	11,632	10,739	7,497	5,423	5,820	6,016	60,402
<b>Total:</b>	9,209	4,066	11,632	10,739	7,497	5,423	5,820	6,016	60,402
<b>Fund Appropriations/Allocations</b>									
City Light Fund	9,209	4,066	11,632	10,739	7,497	5,423	5,820	6,016	60,402
<b>Total*:</b>	9,209	4,066	11,632	10,739	7,497	5,423	5,820	6,016	60,402
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		7,352	11,632	10,739	7,497	5,423	5,820	6,016	54,479
<b>Total:</b>		7,352	11,632	10,739	7,497	5,423	5,820	6,016	54,479

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Underground Outage Replacements

<b>BCL/Program Name:</b>	C4 Distribution - Service Connections	<b>BCL/Program Code:</b>	SCL370-C4
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8352	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project supports the capitalized portion of work resulting from unplanned, non-emergency, underground outages. These outages result from events, such as storms, accidents, and equipment failures. The project funds permanent storm repairs, and construction of new infrastructure to bypass failing equipment.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	16,712	1,372	1,543	1,464	1,495	1,531	1,566	2,274	27,957
<b>Total:</b>	16,712	1,372	1,543	1,464	1,495	1,531	1,566	2,274	27,957
<b>Fund Appropriations/Allocations</b>									
City Light Fund	16,712	1,372	1,543	1,464	1,495	1,531	1,566	2,274	27,957
<b>Total*:</b>	16,712	1,372	1,543	1,464	1,495	1,531	1,566	2,274	27,957
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,236	1,543	1,464	1,495	1,531	1,566	2,274	11,109
<b>Total:</b>		1,236	1,543	1,464	1,495	1,531	1,566	2,274	11,109

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Underground System Capacity Additions

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8361	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project provides electrical lines from substations to customers' property lines. This project builds new and replaces old underground lines, and may replace rotten and damaged poles in the distribution system with underground facilities beneath them. This work identifies and upgrades the feeders that are impacted by increased loads, as needed, before those load increases come online. City Light customers pay for a portion of this work.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
City Light Fund Revenues	18,525	3,091	2,611	2,314	2,369	2,425	2,480	2,415	36,230
<b>Total:</b>	18,525	3,091	2,611	2,314	2,369	2,425	2,480	2,415	36,230
<b>Fund Appropriations/Allocations</b>									
City Light Fund	18,525	3,091	2,611	2,314	2,369	2,425	2,480	2,415	36,230
<b>Total*:</b>	18,525	3,091	2,611	2,314	2,369	2,425	2,480	2,415	36,230
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		3,543	2,611	2,314	2,369	2,425	2,480	2,415	18,157
<b>Total:</b>		3,543	2,611	2,314	2,369	2,425	2,480	2,415	18,157

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Union Street Substation Networks

<b>BCL/Program Name:</b>	C2 Distribution - Network	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	8201	<b>End Date:</b>	Q4/2019
<b>Location:</b>	1312 Western AV		
<b>Neighborhood Plan:</b>	Commercial Core	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	22,385	2,689	1,688	2,234	2,290	2,344	2,400	2,455	38,485
<b>Total:</b>	22,385	2,689	1,688	2,234	2,290	2,344	2,400	2,455	38,485
<b>Fund Appropriations/Allocations</b>									
City Light Fund	22,385	2,689	1,688	2,234	2,290	2,344	2,400	2,455	38,485
<b>Total*:</b>	22,385	2,689	1,688	2,234	2,290	2,344	2,400	2,455	38,485
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		1,165	1,688	2,234	2,290	2,344	2,400	2,455	14,576
<b>Total:</b>		1,165	1,688	2,234	2,290	2,344	2,400	2,455	14,576

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### 2014 - 2019 Proposed Capital Improvement Program

**University Substation - Network**

<b>BCL/Program Name:</b>	C2 Distribution - Network	<b>BCL/Program Code:</b>	SCL360-C2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	8464	<b>End Date:</b>	Q4/2019
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	0	371	530	395	377	413	423	432	2,941
<b>Total:</b>	0	371	530	395	377	413	423	432	2,941
<b>Fund Appropriations/Allocations</b>									
City Light Fund	0	371	530	395	377	413	423	432	2,941
<b>Total*:</b>	0	371	530	395	377	413	423	432	2,941
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		372	530	395	377	413	423	432	2,942
<b>Total:</b>		372	530	395	377	413	423	432	2,942

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**2014 - 2019 Proposed Capital Improvement Program**

# Seattle City Light

## Wood Pole Replacement Program

<b>BCL/Program Name:</b>	C3 Distribution - Radial	<b>BCL/Program Code:</b>	SCL360-C3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	8371	<b>End Date:</b>	Q4/2014
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project replaces an estimated 2,000 wood poles per year. The project increases distribution system reliability and public safety by eliminating the likelihood of failure from poles past their useful life.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	25,849	9,871	10	0	0	0	0	0	35,730
<b>Total:</b>	25,849	9,871	10	0	0	0	0	0	35,730
<b>Fund Appropriations/Allocations</b>									
City Light Fund	25,849	9,871	10	0	0	0	0	0	35,730
<b>Total*:</b>	25,849	9,871	10	0	0	0	0	0	35,730
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		9,128	10	0	0	0	0	0	9,138
<b>Total:</b>		9,128	10	0	0	0	0	0	9,138

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## 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Work and Asset Management System

<b>BCL/Program Name:</b>	C5 Distribution - Distribution Other	<b>BCL/Program Code:</b>	SCL360-C5
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	9941	<b>End Date:</b>	Q4/2013
<b>Location:</b>	700 5th Avenue		
<b>Neighborhood Plan:</b>	Commercial Core	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project designs, develops, and implements hardware, software, and related tools to track asset information and work history. The project implements Oracle WAM and Utility Group Business Intelligence (BI) products, and establishes standard business processes. The project enables SCL to make better asset investment decisions and improves operational efficiency through improved work management.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	31,418	6,340	0	0	0	0	0	0	37,758
<b>Total:</b>	31,418	6,340	0	0	0	0	0	0	37,758
<b>Fund Appropriations/Allocations</b>									
City Light Fund	31,418	6,340	0	0	0	0	0	0	37,758
<b>Total*:</b>	31,418	6,340	0	0	0	0	0	0	37,758
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		5,173	0	0	0	0	0	0	5,173
<b>Total:</b>		5,173	0	0	0	0	0	0	5,173

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### 2014 - 2019 Proposed Capital Improvement Program

# Seattle City Light

## Workplace and Process Improvement

<b>BCL/Program Name:</b>	E3 Central Utility Projects - Fleets and Facilities	<b>BCL/Program Code:</b>	SCL250-E3
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	9159	<b>End Date:</b>	Q4/2019
<b>Location:</b>	System Wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project funds alterations that preserve workplace efficiency. The project focuses on adapting exterior work spaces and interior building elements to support business process improvements for occupant work groups. Interior systems improvements could include flooring replacements, interior remodeling, computer network cabling upgrades, uninterruptible power systems and computer flooring. Exterior system improvements could include fencing, security systems, paving and striping, and exterior building components.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
City Light Fund Revenues	2,889	1,421	607	1,050	1,191	1,103	753	672	9,686
<b>Total:</b>	2,889	1,421	607	1,050	1,191	1,103	753	672	9,686
<b>Fund Appropriations/Allocations</b>									
City Light Fund	2,889	1,421	607	1,050	1,191	1,103	753	672	9,686
<b>Total*:</b>	2,889	1,421	607	1,050	1,191	1,103	753	672	9,686
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
City Light Fund		958	607	1,050	1,191	1,103	753	672	6,334
<b>Total:</b>		958	607	1,050	1,191	1,103	753	672	6,334

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### 2014 - 2019 Proposed Capital Improvement Program



# **Seattle Public Utilities**

## **Drainage and Wastewater**



### Overview

Seattle Public Utilities (SPU) is responsible for building, maintaining, and replacing the network of sewer and drainage systems throughout the City of Seattle. These systems include approximately:

- 948 miles of sanitary sewers
- 477 miles of storm drains
- 472 miles of combined sewers
- 68 pump stations
- 90 permitted combined sewer overflow outfalls
- 295 storm drain outfalls
- 189 stormwater quality treatment facilities
- 145 flow control facilities
- 38 combined sewer overflow control detention tanks/pipes

The Drainage and Wastewater Fund (DWF) 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 DWF CIP is approximately \$570.8 million (excluding Technology) over the next six years.

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 the Utility to fund the CIP. Since 2007, cash contribution of total CIP costs has averaged just over the current financial policy of 25% of total CIP costs, with the remainder funded through debt financing.

### Summary of Upcoming Budget Issues and Challenges

The biggest challenge for the Drainage and Wastewater Fund will be managing large priority projects while still accomplishing City priorities and complying with Environmental Protection Agency (EPA), Department of Ecology (DOE), and the National Pollutant Discharge Elimination System (NPDES) permits.

Stormwater Permit Regulations: The City's NPDES permit for stormwater, granted by the State government in 2007, will be renewed in 2013. This permit introduced more prescriptive requirements to help protect local waterways and Puget Sound from damaging pollutants and excessive runoff. This increasing regulatory emphasis on protecting and improving water quality has resulted in the need for the City of Seattle to make substantial investments in managing stormwater flow, treating runoff, retrofitting combined sewer systems, and building Green Stormwater Infrastructure (GSI).

Combined Sewer Overflows: The Combined Sewer Overflow (CSO) Reduction Program constitutes one of the major investments and challenges for the Drainage and Wastewater Fund in upcoming years. During heavy rains, the combination of stormwater (about 90 percent of the volume) and sewage may exceed the capacity of the combined sewer system 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 of Seattle. These spills violate water quality standards, create unacceptable risk to public health, contaminate sediment and habitat for endangered species and pollute Puget Sound. CSO spills are illegal and unacceptable under any standard of environmental care.

While annual overflows have been reduced from 20-30 billion gallons per year by both the City and the County in 1970 to 100-200 million gallons per year by the City today, SPU is still not meeting regulatory

### 2014-2019 Proposed Capital Improvement Program

## SPU – Drainage and Wastewater

mandates which limit overflows to one overflow per outfall location per year. SPU is required by state and federal law to achieve control of CSOs by 2025 through a Long Term Control Plan to be completed by 2015. SPU must also achieve significant permit milestones for the control of CSOs to Lake Washington by December 30, 2015.

Most recently, the DOJ on behalf of the EPA and Washington State DOE finalized a Consent Decree describing measures the DOJ will require of SPU to remedy violations of the Clean Water Act. The Consent Decree includes, among other significant requirements, completion of a Long Term Control Plan by 2015 and control of all CSOs by 2025. Continuing investments in CSO control will enable SPU to meet current permit requirements including preparation of a Long Term Control Plan, accomplish required milestones to control CSOs into Lake Washington and achieve compliance with the 2025 goal.

SPU is expected to spend approximately \$283 million over the next six years (2014-2019) on CSO reduction projects. The projects will include a combination of underground storage tanks, GSI, system retrofits, 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.

Balancing Basic Services with Regulatory Requirements: A challenge for the DWF is ensuring 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 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. In turn, 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 Thornton Confluence Improvement project will replace the road culvert at 35<sup>th</sup> 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.
- The Broadview neighborhood has experienced a long history of capacity-related backups and overflows. The Broadview Sewer and Stormwater Improvements project will test non-traditional solutions to these longstanding issues, with a goal of reducing sewer backups and stormwater flooding in the Broadview basin.

Adapting to Climate Changes: When making investments in capital facilities that will last decades, SPU considers the potential impacts of climate change on local precipitation and sea levels in Puget Sound. There have been four major storms (2006, 2007, 2010, and 2012) in recent years that have resulted in serious drainage and wastewater impacts related to capacity. Scientists indicate that there is potential that

### 2014-2019 Proposed Capital Improvement Plan

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. The utility 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.

### Thematic Priorities

The overriding 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 CIP are also guided by federal regulations, City policies, long-term plan documents, and the SPU Asset Management Committee (AMC) benefit criteria. Many Drainage and Wastewater CIP projects are outlined in the Wastewater System Plan, Combined Sewer Overflow Reduction Plan, and the Comprehensive Drainage Plan. The Drainage and Wastewater Fund 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 Drainage and Wastewater Fund is maintaining public health and safety. This will be accomplished through capital programs and projects including the 14<sup>th</sup> 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 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 EPA and DOJ. The two most significant regulatory drivers associated with the CWA are the NPDES Waste Discharge Permit (aka NPDES CSO Permit) and the NPDES Phase I Municipal Stormwater Permit (aka NPDES MS4 Permit).

- As required by the NPDES CSO Permit, Seattle developed a 2010 CSO Reduction Plan Amendment to describe the effort to reduce CSOs to the state standard of one overflow per outfall per year. As part of meeting these requirements, SPU will be constructing CSO reduction facilities at Windermere, South Genesee, and Henderson. DWF is committed to completing this program by 2025 at an estimated cost of \$500 million.
- As part of the NPDES MS4 Permit, Seattle is required to have a Structural Stormwater Control Program to address stormwater impacts that are not adequately controlled through other required permit actions. As part of meeting this requirement, SPU is constructing stormwater quality and flow control facilities including South Park Pump Station, the Capitol Hill Water Quality Facility, and Broadview sewer system improvements.

Green Stormwater: Projects in the 6-year CIP that specifically address environmentally sustainable infrastructure include the Venema Natural Drainage System (NDS) and Capitol Hill Water Quality Facility where green stormwater infrastructure will be used to reduce stormwater impacts while contributing to meeting sustainability goals.

## SPU – Drainage and Wastewater

- The Venema NDS project will construct natural drainage elements including large bioretention swales and 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 developed and includes new sidewalks and road surfaces.

### Project Selection

SPU identifies candidate capital projects from several sources – planning (e.g. comprehensive plans, program plans), external projects and opportunities, and emergencies or other unexpected events. Under SPU’s Asset Management system, projects must be justified through a business case process that establishes that a problem or opportunity is timely and important, and that the proposed solution is superior to alternatives based on a triple bottom line analysis (economic, environmental and social) of life cycle costs and benefits. The process also recognizes that a project may be a “must do” project (e.g. required by regulation).

SPU prioritizes its capital projects into three categories – Priorities 1, 2 and 3, with 1 being the most important and critical. Some projects are identified as 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 Windermere, South Genesee and Henderson CSO projects.
- **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 Point Sewer Pipe Rehabilitation and Emergency Rehabilitation programs.
- **Level of Service:** The importance of this project in providing or improving services to customers. Examples of highly ranked projects in this category include the South Park Pump Station, Localized Flood Control program, Sanitary Sewer Overflow Capacity program, Point Sewer Pipe Rehabilitation, and Emergency Rehabilitation programs.

## SPU – Drainage and Wastewater

- **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. Examples of highly ranked projects in this category include the North 107<sup>th</sup> and Midvale Drainage project (part of the Densmore Basin Drainage Improvements program) and the Long Term Control Plan.

Every project is rated against each criterion; criteria ratings are then considered in determining an overall project priority ranking, using expert judgment (rather than a formula). Priority rankings for the CIP are determined by the leads for each Line of Business (LOB), with review by key internal stakeholders. The ranking scheme and criteria are the same for all LOBs and are approved by the SPU 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 or excluded (or deferred) from the CIP, and which projects should receive priority attention if a staff or financial resource constraint should arise.

### Aligning Infrastructure with Planned Growth

SPU is working to take better advantage of opportunities to incorporate improvements and repairs to our drainage and wastewater systems with major redevelopment and projects undertaken by others (e.g., private developers, other city departments, regional and state agencies). Currently, SPU is partnering with South Lake Union developers to build a regional GSI-based stormwater treatment facility to treat Capitol Hill stormwater runoff while also increasing green space in the public right of way. For the future, SPU will be ramping up long-range planning efforts to improve understanding of the existing conditions of our drainage and wastewater system, predicted growth areas, and possible impacts to the drainage and wastewater system. This better understanding will lead to more forward thinking decisions on where we need to better plan to for growth and allow us to better leverage both our investments and those made by others.

### Future Projects/What is on the Horizon

The DWF CIP will increase programs to meet requirements and commitments outlined in the CSO Reduction Plan. The 2014-2019 Proposed CIP includes significant investments for the Windermere, South Genesee, and Henderson CSO reduction projects. Costs shifted for these projects from 2013 to 2014 and 2015 due to delays.

The six-year CIP also includes funding for the Long Term Control Plan, which will identify all remaining CSO projects throughout the City to achieve the Washington State requirement to reduce CSOs down to an average one untreated CSO per year per outfall. Funding to address those remaining CSO projects will need to be included in future CIP budget submittals. In addition, SPU has been authorized by the EPA to prepare an Integrated Plan, which will propose projects to reduce stormwater pollution into the environment. Integrated Plan projects will need to be funded and constructed between 2016-2025. The Integrated Plan itself is funded under SPU's pre-capital planning operations and maintenance budget. Finally, water quality requirements for stormwater will likely result in increases in capital investment requirements on both new projects and potential retrofits of the existing system.

The programmatic analysis and prioritization currently being done in the Flooding, Sewer Back-up, and Landslides business area will result in a comprehensive list of small to large CIP projects to be constructed over the next 15 to 20 years. Projects will be similar to current projects such as 14<sup>th</sup> and Concord CSS improvements, Broadview sewer system improvements and the South Park Pump Station.

## 2014-2019 Proposed Capital Improvement Plan

## SPU – Drainage and Wastewater

Additional stormwater and CSO facilities, both structural and green, will require growing levels of operations and maintenance support for inspection and maintenance.

### CIP Revenue Sources

SPU’s Drainage and Wastewater CIP is funded largely by Drainage and Sewer ratepayers. SPU issues bonds, serviced by ratepayers that cover approximately 75% of the CIP, with the remainder funded by cash. DWF rates were approved by the Executive and City Council last year for the three-year period of 2013-2015.

SPU also actively seeks grants and low interest loans. For example, SPU will be utilizing a low-interest loan on the Capitol Hill Water Quality project. 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.

### CIP Spending by Major Category

(In ‘000s; total may not sum due to rounding)

<b>Drainage and Wastewater Fund</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
PROTECTION OF BENEFICIAL USES	3,195	3,003	6,985	4,347	4,695	4,000	<b>26,225</b>
SEDIMENTS	3,423	4,396	1,491	1,410	11,610	11,610	<b>33,940</b>
COMBINED SEWER OVERFLOWS	47,697	39,584	49,239	46,988	40,627	30,400	<b>254,534</b>
REHABILITATION	11,864	12,360	12,880	11,520	11,520	11,520	<b>71,664</b>
FLOODING, SEWER BACKUP & LANDSLIDES	17,025	15,505	23,189	24,520	17,199	14,242	<b>111,680</b>
SHARED COST PROJECTS	14,196	8,550	12,116	14,035	13,789	9,742	<b>72,428</b>
TECHNOLOGY	9,196	8,929	6,884	6,149	6,443	4,778	<b>42,379</b>
<b>Total</b>	<b>106,596</b>	<b>92,326</b>	<b>112,784</b>	<b>108,970</b>	<b>105,883</b>	<b>86,292</b>	<b>612,851</b>

**Protection of Beneficial Uses:** This program makes improvements to the City’s drainage system to reduce the harmful effects of stormwater runoff on creeks and receiving water bodies by improving water quality and protecting or enhancing creek habitat. The program includes projects to meet regulatory requirements. Funding in 2014 and 2015 will be focused on cost effective stormwater projects such as the Venema Creek Natural Drainage System (NDS) project, the Knickerbocker Floodplain Improvement project, and the Capitol Hill Water Quality (WQ) project. Two of these projects (Venema Creek NDS and Capitol Hill WQ) were put on hold in 2009 due to financial constraints, but have since been re-instated.

### 2014-2019 Proposed Capital Improvement Plan



Decreases in the **Protection of Beneficial Uses BCL** in 2014, compared to amounts adopted in 2013 in the 2013-2018 CIP, are primarily the result of a reduced scope for the Venema Creek NDS project and the Taylor Creek Culvert Replacement project construction being pushed out from 2014 to 2016. The Venema Creek NDS project no longer constructing swales on 2nd Ave NW between NW 122nd and 125th Streets due to community concerns. The Taylor Creek Culvert Replacement project is delayed and construction planned in 2014 is now pushed out to 2016 because the community engagement process is taking longer than expected.

**Sediments:** The City of Seattle is named as a Potentially Responsible Party (PRP) for the Duwamish River Superfund Site because of alleged contamination of sediments in the river from CSO and storm drain discharges. The City continues to work with the Washington State Department of Ecology, King County, and other PRPs on an assessment of contaminants and sources. The Sediments program provides funding for preliminary studies and analysis for cleanup of contaminated sediment sites in which the City is a participant, for actual cleanup of contaminated sites, for preliminary engineering for future cleanup efforts, and for liability allocation negotiations. Funding is used to develop studies and analyses required by regulatory agencies for determining the boundaries and cleanup requirements for specific action sites. The study phase of sediment remediation projects often requires multiple years before specific cleanup actions are defined. As regulatory agency cleanup requirements become clear, additional individual cleanup projects are included in subsequent CIP proposals.

Increases in the **Sediments BCL** for 2014, compared to amounts adopted in 2013 in the 2013-2018 CIP, reflect the latest schedule and estimates based on negotiations and agreements between parties for proposed actions needed. Overall projects were slightly delayed in 2013 which increased costs in 2014 and 2015 due to regulatory agencies (DOE and EPA) disagreement on the cleanup approach at the Gas Works site.

**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 infrastructure for CSO control, and development of regulatory required plans such as the Long-Term Control Plan. Key projects in the 2014 Budget include the Windermere, South Genesee and Henderson CSO projects. When completed, these projects will result in cutting CSO volumes into Lake Washington by about 14 million gallons per year, a reduction of about 60 percent from current overflows.

Compared to amounts adopted in 2013 in the 2013-2018 CIP, the **Combined Sewer Overflows BCL** is decreasing in 2014 reflecting revisions to the cash flow and schedules for the Windermere CSO project, which is now under construction. The Windermere CSO project had permitting delays that constrained finishing design and delayed the signing of construction contracts until late 2012, but now with construction started, costs projections are more refined and certain. The increase in 2015 is driven by the CSO Facility Retrofit program. The phasing of the construction work for the Delridge CSO Retrofit project has been tightened to meet the permit deadline required in the 2011-2015 National Pollutant Discharge Elimination System (NPDES) Permit that improvements be completed at NPDES168 and NPDES169 by November 1, 2015.

**Rehabilitation:** This program consists of projects to rehabilitate or replace existing drainage and wastewater assets in-kind to maintain 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; and pipes and culverts. Individual projects are defined by the type

## SPU – Drainage and Wastewater

and method of rehabilitation and/or replacement and include emergency rehabilitation, no-dig pipe and maintenance rehabilitation, point sewer pipe rehabilitation by crews, and point sewer pipe rehabilitation by contract.

Increases in the **Rehabilitation BCL** for 2014, compared to amounts adopted in 2013 in the 2013-2018 CIP, are driven by the strategic plan process which increased baseline funding for the Pump Station Improvements program as well as the CSO Outfall Rehabilitation program. Over the next two years efforts in these areas will focus on sites with the highest risk as well as those prioritized to fulfill regulatory NPDES permit commitments that will restore original pipe capacity and address issues with discharge points of selected outfalls where these characteristics have been diminished, as well as increasing capacity to Pump Stations to meet Consent Decree requirements.

**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 channels, pipes, roadside 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 the Broadview Long Term Plan, which aims to reduce sewer backups and stormwater flooding in the Broadview basin.

Increased funding for the **Flooding, Sewer Back-up, and Landslides BCL** in 2014 compared with amounts adopted in 2013 in the 2013-2018 CIP are driven primarily by a delay in the start of construction for the Thornton Confluence Improvement project due to last year's CIP prioritization process, which shifted costs into 2014. Additionally, the Broadview Long Term Plan is planning to do more work upfront than initially planned and shift design and construction up from 2016 to 2015. The Broadview infiltration reduction project is a high priority project and the local community is supportive of the project moving more quickly.

**Shared Cost Projects:** This program includes individual capital improvement projects which typically benefit multiple lines of business (e.g., the Water line of business and the Drainage and Wastewater line of business) where costs are "shared," or paid for, by more than one of SPU's utility funds. In 2014, the Shared Cost program includes funding for a number of interdepartmental projects including the Alaskan Way Viaduct and Seawall Replacement, Yesler Terrace, Mercer Corridor and Sound Transit Link Light Rail. Funding is also included for SPU's Heavy Equipment Purchases, the Integrated Control Monitoring Program and a number of smaller projects.

Increased funding in the **Shared Cost Projects BCL** for 2013, compared to amounts adopted in 2013 in the 2013-2018 CIP, are driven primarily by the Yesler Terrace project that will provide infrastructure improvements and utility relocations. These investments provide sufficient wastewater and drainage capacity in the affected neighborhood. In addition, the increase is driven by the Other Major Transportation Projects program, specifically the SR-520 Bridge Replacement project. Washington State Department of Transportation (WSDOT) is moving ahead with design of the West Approach Bridge North segment in 2014. WSDOT is proceeding with the design of a reroute of a 24" SPU combined sewer.

**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

### 2014-2019 Proposed Capital Improvement Plan

## SPU – Drainage and Wastewater

- Enterprise Information Management
- IT Infrastructure
- Project Delivery & Performance
- Science & System Performance
- Asset Information Management

Investments in 2014 and 2015 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

The 2014-2019 Proposed CIP increases Technology CIP spending for all utility funds by \$2.8 million in 2014 and \$10.4 million in 2015 as compared to the 2013-2018 Adopted CIP. The Drainage and Wastewater Utility’s Technology CIP amount increases by \$1.58 million in 2014 and increases by \$3.78 million in 2015. These amounts are based on the Drainage and Wastewater Utility’s share of benefit from these projects.

## SPU-Drainage & Wastewater

### Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
<b>Protection of Beneficial Uses</b>		<b>BCL/Program Code:</b>							<b>C333B</b>
Best Management Practice Program (C3313)	3,240	40	0	0	0	0	0	0	3,280
Capitol Hill Water Quality Project (C3373)	4,446	2,887	261	237	2,516	239	695	0	11,281
Knickerbocker Floodplain Improvements (C3383)	256	1,540	1,368	0	0	0	0	0	3,164
Street Sweeping for Water Quality (C3363)	183	100	0	0	150	0	0	0	433
Taylor Creek Culvert Replacement (C3353)	1,682	450	450	450	4,000	0	0	0	7,032
Venema Creek Natural Drainage System (C3333)	2,260	650	1,116	2,316	318	108	0	0	6,769
Water Quality & Flow Improvements (C3393)	0	0	0	0	0	4,000	4,000	4,000	12,000
<b>Protection of Beneficial Uses</b>	<b>12,066</b>	<b>5,667</b>	<b>3,195</b>	<b>3,003</b>	<b>6,985</b>	<b>4,347</b>	<b>4,695</b>	<b>4,000</b>	<b>43,958</b>
<b>Sediments</b>		<b>BCL/Program Code:</b>							<b>C350B</b>
Sediment Remediation - DWF (C3503)	35,500	1,934	3,423	4,396	1,491	1,410	11,610	11,610	71,374
<b>Sediments</b>	<b>35,500</b>	<b>1,934</b>	<b>3,423</b>	<b>4,396</b>	<b>1,491</b>	<b>1,410</b>	<b>11,610</b>	<b>11,610</b>	<b>71,374</b>
<b>Combined Sewer Overflows</b>		<b>BCL/Program Code:</b>							<b>C360B</b>
Combined Sewer Overflow Facility Retrofit (C3611)	11,775	3,758	2,392	7,083	5,473	4,194	6,301	400	41,376
Future CSO Projects (C3612)	0	0	0	3,619	17,400	20,400	28,000	28,000	97,419
Green Stormwater Infrastructure Program (C3610)	3,892	5,102	5,747	6,278	6,099	4,866	4,009	0	35,992
Long Term Control Plan (C3604)	27,713	6,305	4,510	2,780	2,000	2,000	2,000	2,000	49,308
S Genesee Combined Sewer Overflow (C3608)	10,008	8,120	14,506	284	0	0	0	0	32,918
S Henderson Combined Sewer Overflow Storage (C3609)	12,804	6,196	7,627	18,039	18,268	15,528	317	0	78,779
Windermere Combined Sewer Overflow Storage (C3605)	18,860	22,566	12,915	1,500	0	0	0	0	55,841
<b>Combined Sewer Overflows</b>	<b>85,052</b>	<b>52,047</b>	<b>47,697</b>	<b>39,584</b>	<b>49,239</b>	<b>46,988</b>	<b>40,627</b>	<b>30,400</b>	<b>391,633</b>
<b>Rehabilitation</b>		<b>BCL/Program Code:</b>							<b>C370B</b>
Emergency Rehabilitation (C3705)	8,375	1,980	1,070	1,250	1,250	1,250	1,250	1,250	17,675
No Dig Pipe & Maintenance Rehabilitation (C3707)	13,108	2,977	1,500	1,742	2,500	2,500	2,500	2,500	29,327

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
Outfall Rehabilitation Program (C3708)	6	504	1,893	1,186	1,542	500	500	500	6,631
Point Sewer Pipe Rehabilitation (C3704)	41,698	3,900	4,236	4,500	4,500	4,500	4,500	4,500	72,334
Pump Station and Force Main Improvements (C3703)	8,443	1,896	3,251	3,432	2,838	2,520	2,520	2,520	27,421
Sewer Full Line Replacements (C3702)	349	250	250	250	250	250	250	250	2,099
<b>Rehabilitation</b>	<b>71,980</b>	<b>11,508</b>	<b>12,200</b>	<b>12,360</b>	<b>12,880</b>	<b>11,520</b>	<b>11,520</b>	<b>11,520</b>	<b>155,487</b>
<b>Flooding, Sewer Back-up, and Landslides</b>									<b>BCL/Program Code: C380B</b>
Broadview Long Term Plan (C3812)	905	2,500	4,000	5,600	6,000	7,000	0	0	26,005
Culvert Replacement Program (C3810)	1,864	595	1,405	1,382	4,450	2,050	2,000	2,000	15,746
Densmore Basin Drainage Improvements (C3803)	7,123	350	12	0	0	0	0	0	7,485
Localized Flood Control Program (C3802)	3,955	3,845	3,602	2,550	4,823	5,839	5,956	6,075	36,646
Madison Valley Long Term Solution (C3805)	34,036	384	50	0	0	0	0	0	34,470
Meadowbrook Pond Sediment Management (C3808)	2,526	135	31	0	0	0	0	0	2,692
Sanitary Sewer Overflow Capacity (C3804)	4,975	1,935	3,340	3,943	4,916	5,631	5,743	5,858	36,341
South Park Pump Station (C3806)	6,030	4,500	500	1,500	3,000	4,000	3,500	308	23,339
Thornton Confluence Improvement (C3811)	1,525	4,000	4,085	530	0	0	0	0	10,140
<b>Flooding, Sewer Back-up, and Landslides</b>	<b>62,940</b>	<b>18,244</b>	<b>17,025</b>	<b>15,505</b>	<b>23,189</b>	<b>24,520</b>	<b>17,199</b>	<b>14,242</b>	<b>192,864</b>
<b>Shared Cost Projects</b>									<b>BCL/Program Code: C410B</b>
1% for Art – DWF (C4118-DWF)	2,303	622	643	374	524	275	290	296	5,327
Alaskan Way Viaduct & Seawall Replacement Program - DWF (C4102-DWF)	9,529	3,557	3,708	2,032	6,501	6,203	6,528	2,464	40,520
Bridging the Gap - DWF (C4119-DWF)	184	500	0	0	0	100	100	100	984
Emergency Storms - DWF (C4120-DWF)	4,506	150	100	100	100	100	100	100	5,256
First Hill Streetcar - DWF (C4130-DWF)	0	0	100	600	260	250	250	250	1,710
Heavy Equipment Purchases - DWF (C4116-DWF)	8,622	2,345	2,420	2,200	2,200	2,200	2,200	2,200	24,387

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
Integrated Control Monitoring Program - DWF (C4108-DWF)	14,084	1,050	800	500	250	250	250	250	17,434
Mercer Corridor Project East Phase - DWF (C4114-DWF)	6,294	795	50	0	0	0	0	0	7,139
Mercer Corridor Project West Phase - DWF (C4133-DWF)	244	629	649	294	0	0	0	0	1,817
Meter Replacement - DWF (C4101-DWF)	4,307	652	585	595	605	615	630	636	8,626
Operational Facility - Construction - DWF (C4106-DWF)	8,163	1,263	398	703	1,120	3,534	2,200	2,040	19,421
Operational Facility - Other - DWF (C4115-DWF)	329	75	150	300	100	0	0	0	954
Operations Control Center - DWF (C4105-DWF)	2,420	76	806	43	60	206	310	400	4,320
Other Major Transportation Projects - DWF (C4123-DWF)	1	0	568	580	198	100	750	750	2,947
Security Improvements - DWF (C4113-DWF)	1,061	115	178	98	113	128	131	206	2,028
Sound Transit - North Link - DWF (C4135-DWF)	58	87	75	75	75	75	50	50	545
Sound Transit – University Link - DWF (C4110-DWF)	334	191	127	41	10	0	0	0	702
Sound Transit-East Link (C4122-DWF)	0	0	40	15	0	0	0	0	55
Yesler Terrace-DWF (C4136-DWF)	0	0	2,800	0	0	0	0	0	2,800
<b>Shared Cost Projects</b>	62,440	12,107	14,196	8,550	12,116	14,035	13,789	9,742	146,976
<b>Technology</b>									<b>BCL/Program Code: C510B</b>
Asset Information Management (C5407)	2,477	1,802	945	847	934	886	905	865	9,660
Customer Contact & Billing (C5402)	590	5,130	3,848	3,414	1,276	1,332	1,230	513	17,333
Enterprise Information Management (C5403)	54	464	864	965	1,044	451	548	1,056	5,445
IT Infrastructure (C5404)	1,444	913	1,276	923	1,271	800	1,517	902	9,045
Project Delivery & Performance (C5405)	1,783	1,375	1,294	2,069	1,648	1,939	993	943	12,043
Science & System Performance (C5406)	992	876	970	711	711	742	1,250	500	6,754
<b>Technology</b>	7,341	10,559	9,196	8,929	6,884	6,149	6,443	4,778	60,280
<b>Department Total*:</b>	337,319	112,067	106,933	92,326	112,784	108,970	105,883	86,292	1,062,573

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

**SPU-Drainage & Wastewater**

**Fund Summary**

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Drainage and Wastewater Fund (44010)	337,319	112,067	106,933	92,326	112,784	108,970	105,883	86,292	1,062,573
<b>Department Total*:</b>	337,319	112,067	106,933	92,326	112,784	108,970	105,883	86,292	1,062,573

*\*Amounts in thousands of dollars*

## SPU-Drainage & Wastewater

### 1% for Art – DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	C4118-DWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,303	622	643	374	524	275	290	296	5,327
<b>Total:</b>	2,303	622	643	374	524	275	290	296	5,327
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	2,303	622	643	374	524	275	290	296	5,327
<b>Total*:</b>	2,303	622	643	374	524	275	290	296	5,327
<b>O &amp; M Costs (Savings)</b>			53	53	53	53	53	53	320

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



## SPU-Drainage & Wastewater

### Alaskan Way Viaduct & Seawall Replacement Program - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C4102-DWF	<b>End Date:</b>	Q4/2019
<b>Location:</b>	SR 99 / Battery St		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	9,529	3,557	3,708	2,032	6,501	6,203	6,528	2,464	40,520
<b>Total:</b>	9,529	3,557	3,708	2,032	6,501	6,203	6,528	2,464	40,520
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	9,529	3,557	3,708	2,032	6,501	6,203	6,528	2,464	40,520
<b>Total*:</b>	9,529	3,557	3,708	2,032	6,501	6,203	6,528	2,464	40,520
<b>O &amp; M Costs (Savings)</b>			405	405	405	405	405	405	2,431
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		3,716	3,708	2,032	6,501	6,203	6,528	2,464	31,151
<b>Total:</b>		3,716	3,708	2,032	6,501	6,203	6,528	2,464	31,151

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Best Management Practice Program

<b>BCL/Program Name:</b>	Protection of Beneficial Uses	<b>BCL/Program Code:</b>	C333B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2000
<b>Project ID:</b>	C3313	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	In more than one Urban Village
<b>Neighborhood District:</b>	In more than one District		

This ongoing program provides high priority water quality improvement projects in the Norfolk, South Park, and Densmore drainage basins. Incorporating Best Management Practices (BMP), projects are identified, developed, and implemented. The results will be improved quality of stormwater runoff from City-owned storm drains, discharged to nearby receiving water bodies such as streams and lakes.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	3,240	40	0	0	0	0	0	0	3,280
<b>Total:</b>	3,240	40	0	0	0	0	0	0	3,280
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	3,240	40	0	0	0	0	0	0	3,280
<b>Total*:</b>	3,240	40	0	0	0	0	0	0	3,280
<b>O &amp; M Costs (Savings)</b>			33	33	33	33	33	33	197
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		44	0	0	0	0	0	0	44
<b>Total:</b>		44	0	0	0	0	0	0	44

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Bridging the Gap - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	C4119-DWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	184	500	0	0	0	100	100	100	984
<b>Total:</b>	184	500	0	0	0	100	100	100	984
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	184	500	0	0	0	100	100	100	984
<b>Total*:</b>	184	500	0	0	0	100	100	100	984
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	59
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		0	0	0	0	100	100	100	300
<b>Total:</b>		0	0	0	0	100	100	100	300

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Broadview Long Term Plan

<b>BCL/Program Name:</b>	Flooding, Sewer Back-up, and Landslides	<b>BCL/Program Code:</b>	C380B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C3812	<b>End Date:</b>	ONGOING
<b>Location:</b>	Broadview		
<b>Neighborhood Plan:</b>	Broadview-Bitter Lake-Haller Lake	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	905	2,500	4,000	5,600	6,000	7,000	0	0	26,005
<b>Total:</b>	905	2,500	4,000	5,600	6,000	7,000	0	0	26,005
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	905	2,500	4,000	5,600	6,000	7,000	0	0	26,005
<b>Total*:</b>	905	2,500	4,000	5,600	6,000	7,000	0	0	26,005
<b>O &amp; M Costs (Savings)</b>			260	260	260	260	260	260	1,560
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,107	4,000	5,600	6,000	7,000	0	0	24,707
<b>Total:</b>		2,107	4,000	5,600	6,000	7,000	0	0	24,707

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Capitol Hill Water Quality Project

<b>BCL/Program Name:</b>	Protection of Beneficial Uses	<b>BCL/Program Code:</b>	C333B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	C3373	<b>End Date:</b>	Q4/2018
<b>Location:</b>	Yale Ave N/Pontius Ave N/Thomas Street		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	4,446	2,887	261	237	2,516	239	695	0	11,281
<b>Total:</b>	4,446	2,887	261	237	2,516	239	695	0	11,281
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	4,446	2,887	261	237	2,516	239	695	0	11,281
<b>Total*:</b>	4,446	2,887	261	237	2,516	239	695	0	11,281
<b>O &amp; M Costs (Savings)</b>			113	113	113	113	113	113	677
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		3,340	261	237	2,516	239	695	0	7,288
<b>Total:</b>		3,340	261	237	2,516	239	695	0	7,288

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Combined Sewer Overflow Facility Retrofit

<b>BCL/Program Name:</b>	Combined Sewer Overflows	<b>BCL/Program Code:</b>	C360B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2002
<b>Project ID:</b>	C3611	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	11,775	3,758	2,392	7,083	5,473	4,194	6,301	400	41,376
<b>Total:</b>	11,775	3,758	2,392	7,083	5,473	4,194	6,301	400	41,376
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	11,775	3,758	2,392	7,083	5,473	4,194	6,301	400	41,376
<b>Total*:</b>	11,775	3,758	2,392	7,083	5,473	4,194	6,301	400	41,376
<b>O &amp; M Costs (Savings)</b>			414	414	414	414	414	414	2,483
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		3,049	2,392	7,083	5,473	4,194	6,301	400	28,892
<b>Total:</b>		3,049	2,392	7,083	5,473	4,194	6,301	400	28,892

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Culvert Replacement Program

<b>BCL/Program Name:</b>	Flooding, Sewer Back-up, and Landslides	<b>BCL/Program Code:</b>	C380B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2008
<b>Project ID:</b>	C3810	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,864	595	1,405	1,382	4,450	2,050	2,000	2,000	15,746
<b>Total:</b>	1,864	595	1,405	1,382	4,450	2,050	2,000	2,000	15,746
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,864	595	1,405	1,382	4,450	2,050	2,000	2,000	15,746
<b>Total*:</b>	1,864	595	1,405	1,382	4,450	2,050	2,000	2,000	15,746
<b>O &amp; M Costs (Savings)</b>			157	157	157	157	157	157	945
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		854	1,405	1,382	4,450	2,050	2,000	2,000	14,141
<b>Total:</b>		854	1,405	1,382	4,450	2,050	2,000	2,000	14,141

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Densmore Basin Drainage Improvements

<b>BCL/Program Name:</b>	Flooding, Sewer Back-up, and Landslides	<b>BCL/Program Code:</b>	C380B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	C3803	<b>End Date:</b>	Q2/2014
<b>Location:</b>	Densmore Basin		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	7,123	350	12	0	0	0	0	0	7,485
<b>Total:</b>	7,123	350	12	0	0	0	0	0	7,485
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	7,123	350	12	0	0	0	0	0	7,485
<b>Total*:</b>	7,123	350	12	0	0	0	0	0	7,485
<b>O &amp; M Costs (Savings)</b>			75	75	75	75	75	75	449
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		430	12	0	0	0	0	0	442
<b>Total:</b>		430	12	0	0	0	0	0	442

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### 2014 - 2019 Proposed Capital Improvement Program



## SPU-Drainage & Wastewater

### Emergency Rehabilitation

<b>BCL/Program Name:</b>	Rehabilitation	<b>BCL/Program Code:</b>	C370B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1998
<b>Project ID:</b>	C3705	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	In more than one Urban Village
<b>Neighborhood District:</b>	In more than one District		

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	8,375	1,980	1,070	1,250	1,250	1,250	1,250	1,250	17,675
<b>Total:</b>	8,375	1,980	1,070	1,250	1,250	1,250	1,250	1,250	17,675
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	8,375	1,980	1,070	1,250	1,250	1,250	1,250	1,250	17,675
<b>Total*:</b>	8,375	1,980	1,070	1,250	1,250	1,250	1,250	1,250	17,675
<b>O &amp; M Costs (Savings)</b>			177	177	177	177	177	177	1,061
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,439	1,070	1,250	1,250	1,250	1,250	1,250	8,759
<b>Total:</b>		1,439	1,070	1,250	1,250	1,250	1,250	1,250	8,759

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Emergency Storms - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2007
<b>Project ID:</b>	C4120-DWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	4,506	150	100	100	100	100	100	100	5,256
<b>Total:</b>	4,506	150	100	100	100	100	100	100	5,256
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	4,506	150	100	100	100	100	100	100	5,256
<b>Total*:</b>	4,506	150	100	100	100	100	100	100	5,256
<b>O &amp; M Costs (Savings)</b>			53	53	53	53	53	53	315
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		0	100	100	100	100	100	100	600
<b>Total:</b>		0	100	100	100	100	100	100	600

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### First Hill Streetcar - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	C4130-DWF	<b>End Date:</b>	Q4/2020
<b>Location:</b>	First Hill		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	100	600	260	250	250	250	1,710
<b>Total:</b>	0	0	100	600	260	250	250	250	1,710
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	0	100	600	260	250	250	250	1,710
<b>Total*:</b>	0	0	100	600	260	250	250	250	1,710
<b>O &amp; M Costs (Savings)</b>			17	17	17	17	17	17	103

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Future CSO Projects

<b>BCL/Program Name:</b>	Combined Sewer Overflows	<b>BCL/Program Code:</b>	C360B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	C3612	<b>End Date:</b>	Q4/2025
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	0	3,619	17,400	20,400	28,000	28,000	97,419
<b>Total:</b>	0	0	0	3,619	17,400	20,400	28,000	28,000	97,419
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	0	0	3,619	17,400	20,400	28,000	28,000	97,419
<b>Total*:</b>	0	0	0	3,619	17,400	20,400	28,000	28,000	97,419
<b>O &amp; M Costs (Savings)</b>			974	974	974	974	974	974	5,845

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Green Stormwater Infrastructure Program

<b>BCL/Program Name:</b>	Combined Sewer Overflows	<b>BCL/Program Code:</b>	C360B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	C3610	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	3,892	5,102	5,747	6,278	6,099	4,866	4,009	0	35,992
<b>Total:</b>	3,892	5,102	5,747	6,278	6,099	4,866	4,009	0	35,992
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	3,892	5,102	5,747	6,278	6,099	4,866	4,009	0	35,992
<b>Total*:</b>	3,892	5,102	5,747	6,278	6,099	4,866	4,009	0	35,992
<b>O &amp; M Costs (Savings)</b>			360	360	360	360	360	360	2,160
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		4,372	5,747	6,278	6,099	4,866	4,009	0	31,371
<b>Total:</b>		4,372	5,747	6,278	6,099	4,866	4,009	0	31,371

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Heavy Equipment Purchases - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C4116-DWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	8,622	2,345	2,420	2,200	2,200	2,200	2,200	2,200	24,387
<b>Total:</b>	8,622	2,345	2,420	2,200	2,200	2,200	2,200	2,200	24,387
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	8,622	2,345	2,420	2,200	2,200	2,200	2,200	2,200	24,387
<b>Total*:</b>	8,622	2,345	2,420	2,200	2,200	2,200	2,200	2,200	24,387
<b>O &amp; M Costs (Savings)</b>			244	244	244	244	244	244	1,463
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		2,345	2,420	2,200	2,200	2,200	2,200	2,200	15,765
<b>Total:</b>		2,345	2,420	2,200	2,200	2,200	2,200	2,200	15,765

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Integrated Control Monitoring Program - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2002
<b>Project ID:</b>	C4108-DWF	<b>End Date:</b>	Q4/2019
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	14,084	1,050	800	500	250	250	250	250	17,434
<b>Total:</b>	14,084	1,050	800	500	250	250	250	250	17,434
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	14,084	1,050	800	500	250	250	250	250	17,434
<b>Total*:</b>	14,084	1,050	800	500	250	250	250	250	17,434
<b>O &amp; M Costs (Savings)</b>			174	174	174	174	174	174	1,046
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,320	800	500	250	250	250	250	3,620
<b>Total:</b>		1,320	800	500	250	250	250	250	3,620

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Knickerbocker Floodplain Improvements

<b>BCL/Program Name:</b>	Protection of Beneficial Uses	<b>BCL/Program Code:</b>	C333B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2012
<b>Project ID:</b>	C3383	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	256	1,540	1,368	0	0	0	0	0	3,164
<b>Total:</b>	256	1,540	1,368	0	0	0	0	0	3,164
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	256	1,540	1,368	0	0	0	0	0	3,164
<b>Total*:</b>	256	1,540	1,368	0	0	0	0	0	3,164
<b>O &amp; M Costs (Savings)</b>			32	32	32	32	32	32	190

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



## SPU-Drainage & Wastewater

### Localized Flood Control Program

<b>BCL/Program Name:</b>	Flooding, Sewer Back-up, and Landslides	<b>BCL/Program Code:</b>	C380B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C3802	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	3,955	3,845	3,602	2,550	4,823	5,839	5,956	6,075	36,646
<b>Total:</b>	3,955	3,845	3,602	2,550	4,823	5,839	5,956	6,075	36,646
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	3,955	3,845	3,602	2,550	4,823	5,839	5,956	6,075	36,646
<b>Total*:</b>	3,955	3,845	3,602	2,550	4,823	5,839	5,956	6,075	36,646
<b>O &amp; M Costs (Savings)</b>			366	366	366	366	366	366	2,199
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		3,396	3,602	2,550	4,823	5,839	5,956	6,075	32,241
<b>Total:</b>		3,396	3,602	2,550	4,823	5,839	5,956	6,075	32,241

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### 2014 - 2019 Proposed Capital Improvement Program

# SPU-Drainage & Wastewater

## Long Term Control Plan

<b>BCL/Program Name:</b>	Combined Sewer Overflows	<b>BCL/Program Code:</b>	C360B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2008
<b>Project ID:</b>	C3604	<b>End Date:</b>	Q4/2025
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This program creates a Long Term Control Plan (LTCP) in accordance with SPU's Combined Sewer Overflow (CSO) National Pollutant Discharge Elimination System (NPDES) permit and the Federal CSO Control Policy. On May 1, 2012, the Environmental Protection Agency/Department of Justice issued a draft Consent Decree to the City of Seattle which requires the development and submission of a Long-Term Control Plan for approval by 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 in 2015 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	27,713	6,305	4,510	2,780	2,000	2,000	2,000	2,000	49,308
<b>Total:</b>	27,713	6,305	4,510	2,780	2,000	2,000	2,000	2,000	49,308
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	27,713	6,305	4,510	2,780	2,000	2,000	2,000	2,000	49,308
<b>Total*:</b>	27,713	6,305	4,510	2,780	2,000	2,000	2,000	2,000	49,308
<b>O &amp; M Costs (Savings)</b>			493	493	493	493	493	493	2,958
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		4,302	4,510	2,780	2,000	2,000	2,000	2,000	19,592
<b>Total:</b>		4,302	4,510	2,780	2,000	2,000	2,000	2,000	19,592

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Madison Valley Long Term Solution

<b>BCL/Program Name:</b>	Flooding, Sewer Back-up, and Landslides	<b>BCL/Program Code:</b>	C380B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C3805	<b>End Date:</b>	Q2/2014
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	34,036	384	50	0	0	0	0	0	34,470
<b>Total:</b>	34,036	384	50	0	0	0	0	0	34,470
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	34,036	384	50	0	0	0	0	0	34,470
<b>Total*:</b>	34,036	384	50	0	0	0	0	0	34,470
<b>O &amp; M Costs (Savings)</b>			345	345	345	345	345	345	2,068
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		662	50	0	0	0	0	0	712
<b>Total:</b>		662	50	0	0	0	0	0	712

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Meadowbrook Pond Sediment Management

<b>BCL/Program Name:</b>	Flooding, Sewer Back-up, and Landslides	<b>BCL/Program Code:</b>	C380B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	C3808	<b>End Date:</b>	Q4/2014
<b>Location:</b>	35th AVE NE/NE 105th ST/NE 110th ST		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,526	135	31	0	0	0	0	0	2,692
<b>Total:</b>	2,526	135	31	0	0	0	0	0	2,692
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	2,526	135	31	0	0	0	0	0	2,692
<b>Total*:</b>	2,526	135	31	0	0	0	0	0	2,692
<b>O &amp; M Costs (Savings)</b>			27	27	27	27	27	27	162
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		959	31	0	0	0	0	0	990
<b>Total:</b>		959	31	0	0	0	0	0	990

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Mercer Corridor Project East Phase - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C4114-DWF	<b>End Date:</b>	Q4/2014
<b>Location:</b>	South Lake Union	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	South Lake Union	<b>Urban Village:</b>	South Lake Union
<b>Neighborhood District:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	6,294	795	50	0	0	0	0	0	7,139
<b>Total:</b>	6,294	795	50	0	0	0	0	0	7,139
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	6,294	795	50	0	0	0	0	0	7,139
<b>Total*:</b>	6,294	795	50	0	0	0	0	0	7,139
<b>O &amp; M Costs (Savings)</b>			71	71	71	71	71	71	428
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		745	50	0	0	0	0	0	795
<b>Total:</b>		745	50	0	0	0	0	0	795

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Mercer Corridor Project West Phase - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	C4133-DWF	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Mercer St/Elliott Ave W/Dexter Ave N		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	T01, T02, T03, T11 T15
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	244	629	649	294	0	0	0	0	1,817
<b>Total:</b>	244	629	649	294	0	0	0	0	1,817
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	244	629	649	294	0	0	0	0	1,817
<b>Total*:</b>	244	629	649	294	0	0	0	0	1,817
<b>O &amp; M Costs (Savings)</b>			18	18	18	18	18	18	109
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		500	649	294	0	0	0	0	1,443
<b>Total:</b>		500	649	294	0	0	0	0	1,443

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Meter Replacement - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C4101-DWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	4,307	652	585	595	605	615	630	636	8,626
<b>Total:</b>	4,307	652	585	595	605	615	630	636	8,626
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	4,307	652	585	595	605	615	630	636	8,626
<b>Total*:</b>	4,307	652	585	595	605	615	630	636	8,626
<b>O &amp; M Costs (Savings)</b>			86	86	86	86	86	86	518

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### No Dig Pipe & Maintenance Rehabilitation

<b>BCL/Program Name:</b>	Rehabilitation	<b>BCL/Program Code:</b>	C370B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1998
<b>Project ID:</b>	C3707	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	13,108	2,977	1,500	1,742	2,500	2,500	2,500	2,500	29,327
<b>Total:</b>	13,108	2,977	1,500	1,742	2,500	2,500	2,500	2,500	29,327
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	13,108	2,977	1,500	1,742	2,500	2,500	2,500	2,500	29,327
<b>Total*:</b>	13,108	2,977	1,500	1,742	2,500	2,500	2,500	2,500	29,327
<b>O &amp; M Costs (Savings)</b>			293	293	293	293	293	293	1,760
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,500	1,500	1,742	2,500	2,500	2,500	2,500	14,742
<b>Total:</b>		1,500	1,500	1,742	2,500	2,500	2,500	2,500	14,742

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### 2014 - 2019 Proposed Capital Improvement Program



## SPU-Drainage & Wastewater

### Operational Facility - Construction - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C4106-DWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	8,163	1,263	398	703	1,120	3,534	2,200	2,040	19,421
<b>Total:</b>	8,163	1,263	398	703	1,120	3,534	2,200	2,040	19,421
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	8,163	1,263	398	703	1,120	3,534	2,200	2,040	19,421
<b>Total*:</b>	8,163	1,263	398	703	1,120	3,534	2,200	2,040	19,421
<b>O &amp; M Costs (Savings)</b>			194	194	194	194	194	194	1,165
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,256	398	703	1,120	3,534	2,200	2,040	11,251
<b>Total:</b>		1,256	398	703	1,120	3,534	2,200	2,040	11,251

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Operational Facility - Other - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	C4115-DWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	329	75	150	300	100	0	0	0	954
<b>Total:</b>	329	75	150	300	100	0	0	0	954
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	329	75	150	300	100	0	0	0	954
<b>Total*:</b>	329	75	150	300	100	0	0	0	954
<b>O &amp; M Costs (Savings)</b>			10	10	10	10	10	10	57
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		0	150	300	100	0	0	0	550
<b>Total:</b>		0	150	300	100	0	0	0	550

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Operations Control Center - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	C4105-DWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	2700 Airport Way S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,420	76	806	43	60	206	310	400	4,320
<b>Total:</b>	2,420	76	806	43	60	206	310	400	4,320
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	2,420	76	806	43	60	206	310	400	4,320
<b>Total*:</b>	2,420	76	806	43	60	206	310	400	4,320
<b>O &amp; M Costs (Savings)</b>			43	43	43	43	43	43	259
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		60	806	43	60	206	310	400	1,884
<b>Total:</b>		60	806	43	60	206	310	400	1,884

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Other Major Transportation Projects - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2008
<b>Project ID:</b>	C4123-DWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1	0	568	580	198	100	750	750	2,947
<b>Total:</b>	1	0	568	580	198	100	750	750	2,947
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1	0	568	580	198	100	750	750	2,947
<b>Total*:</b>	1	0	568	580	198	100	750	750	2,947
<b>O &amp; M Costs (Savings)</b>			29	29	29	29	29	29	177

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Outfall Rehabilitation Program

<b>BCL/Program Name:</b>	Rehabilitation	<b>BCL/Program Code:</b>	C370B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	C3708	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	6	504	1,893	1,186	1,542	500	500	500	6,631
<b>Total:</b>	6	504	1,893	1,186	1,542	500	500	500	6,631
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	6	504	1,893	1,186	1,542	500	500	500	6,631
<b>Total*:</b>	6	504	1,893	1,186	1,542	500	500	500	6,631
<b>O &amp; M Costs (Savings)</b>			66	66	66	66	66	66	398
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		746	1,893	1,186	1,542	500	500	500	6,867
<b>Total:</b>		746	1,893	1,186	1,542	500	500	500	6,867

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Point Sewer Pipe Rehabilitation

<b>BCL/Program Name:</b>	Rehabilitation	<b>BCL/Program Code:</b>	C370B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	C3704	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	41,698	3,900	4,236	4,500	4,500	4,500	4,500	4,500	72,334
<b>Total:</b>	41,698	3,900	4,236	4,500	4,500	4,500	4,500	4,500	72,334
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	41,698	3,900	4,236	4,500	4,500	4,500	4,500	4,500	72,334
<b>Total*:</b>	41,698	3,900	4,236	4,500	4,500	4,500	4,500	4,500	72,334
<b>O &amp; M Costs (Savings)</b>			723	723	723	723	723	723	4,340
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		3,751	4,236	4,500	4,500	4,500	4,500	4,500	30,486
<b>Total:</b>		3,751	4,236	4,500	4,500	4,500	4,500	4,500	30,486

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Pump Station and Force Main Improvements

<b>BCL/Program Name:</b>	Rehabilitation	<b>BCL/Program Code:</b>	C370B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	C3703	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	8,443	1,896	3,251	3,432	2,838	2,520	2,520	2,520	27,421
<b>Total:</b>	8,443	1,896	3,251	3,432	2,838	2,520	2,520	2,520	27,421
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	8,443	1,896	3,251	3,432	2,838	2,520	2,520	2,520	27,421
<b>Total*:</b>	8,443	1,896	3,251	3,432	2,838	2,520	2,520	2,520	27,421
<b>O &amp; M Costs (Savings)</b>			274	274	274	274	274	274	1,645
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		556	3,251	3,432	2,838	2,520	2,520	2,520	17,637
<b>Total:</b>		556	3,251	3,432	2,838	2,520	2,520	2,520	17,637

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### S Genesee Combined Sewer Overflow

<b>BCL/Program Name:</b>	Combined Sewer Overflows	<b>BCL/Program Code:</b>	C360B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	C3608	<b>End Date:</b>	Q4/2015
<b>Location:</b>	S. Genesee St.		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	10,008	8,120	14,506	284	0	0	0	0	32,918
<b>Total:</b>	10,008	8,120	14,506	284	0	0	0	0	32,918
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	10,008	8,120	14,506	284	0	0	0	0	32,918
<b>Total*:</b>	10,008	8,120	14,506	284	0	0	0	0	32,918
<b>O &amp; M Costs (Savings)</b>			329	329	329	329	329	329	1,975
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		14,900	14,506	284	0	0	0	0	29,690
<b>Total:</b>		14,900	14,506	284	0	0	0	0	29,690

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### 2014 - 2019 Proposed Capital Improvement Program



## SPU-Drainage & Wastewater

### S Henderson Combined Sewer Overflow Storage

<b>BCL/Program Name:</b>	Combined Sewer Overflows	<b>BCL/Program Code:</b>	C360B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	C3609	<b>End Date:</b>	Q4/2018
<b>Location:</b>	S Henderson St.		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	Not in an Urban Village

This project provides construction of combined sewer overflows (CSO) facilities in the Henderson area in the southeast part of Seattle. Facilities will be built to meet level of service requirements for CSOs and comply with state and federal regulations. The project will meet requirements of the City's current National Pollutant Discharge Elimination System (NPDES) Wastewater Discharge Permit. Maintenance costs will not begin until after 2020, when the project completes construction.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	12,804	6,196	7,627	18,039	18,268	15,528	317	0	78,779
<b>Total:</b>	12,804	6,196	7,627	18,039	18,268	15,528	317	0	78,779
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	12,804	6,196	7,627	18,039	18,268	15,528	317	0	78,779
<b>Total*:</b>	12,804	6,196	7,627	18,039	18,268	15,528	317	0	78,779
<b>O &amp; M Costs (Savings)</b>			788	788	788	788	788	788	4,727
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		4,557	7,627	18,039	18,268	15,528	317	0	64,336
<b>Total:</b>		4,557	7,627	18,039	18,268	15,528	317	0	64,336

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Sanitary Sewer Overflow Capacity

<b>BCL/Program Name:</b>	Flooding, Sewer Back-up, and Landslides	<b>BCL/Program Code:</b>	C380B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q2/2002
<b>Project ID:</b>	C3804	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	4,975	1,935	3,340	3,943	4,916	5,631	5,743	5,858	36,341
<b>Total:</b>	4,975	1,935	3,340	3,943	4,916	5,631	5,743	5,858	36,341
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	4,975	1,935	3,340	3,943	4,916	5,631	5,743	5,858	36,341
<b>Total*:</b>	4,975	1,935	3,340	3,943	4,916	5,631	5,743	5,858	36,341
<b>O &amp; M Costs (Savings)</b>			363	363	363	363	363	363	2,180
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		936	3,340	3,943	4,916	5,631	5,743	5,858	30,367
<b>Total:</b>		936	3,340	3,943	4,916	5,631	5,743	5,858	30,367

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Security Improvements - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C4113-DWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,061	115	178	98	113	128	131	206	2,028
<b>Total:</b>	1,061	115	178	98	113	128	131	206	2,028
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,061	115	178	98	113	128	131	206	2,028
<b>Total*:</b>	1,061	115	178	98	113	128	131	206	2,028
<b>O &amp; M Costs (Savings)</b>			20	20	20	20	20	20	122
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		224	178	98	113	128	131	206	1,076
<b>Total:</b>		224	178	98	113	128	131	206	1,076

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Sediment Remediation - DWF

<b>BCL/Program Name:</b>	Sediments	<b>BCL/Program Code:</b>	C350B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q4/2000
<b>Project ID:</b>	C3503	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing program provides for City of Seattle participation in cleanup of contaminated sediment sites at multiple locations across the city for which the City's drainage and wastewater utilities may have some liability. Typical phases of such projects include preliminary studies and analyses, preliminary engineering for actual cleanup efforts, and liability allocation negotiations. This program enhances the natural environment of Seattle and addresses both state and federal regulatory agency requirements.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	35,500	1,934	3,423	4,396	1,491	1,410	11,610	11,610	71,374
<b>Total:</b>	35,500	1,934	3,423	4,396	1,491	1,410	11,610	11,610	71,374
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	35,500	1,934	3,423	4,396	1,491	1,410	11,610	11,610	71,374
<b>Total*:</b>	35,500	1,934	3,423	4,396	1,491	1,410	11,610	11,610	71,374
<b>O &amp; M Costs (Savings)</b>			714	714	714	714	714	714	4,282
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		1,665	3,423	4,396	1,491	1,410	11,610	11,610	35,605
<b>Total:</b>		1,665	3,423	4,396	1,491	1,410	11,610	11,610	35,605

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Sewer Full Line Replacements

<b>BCL/Program Name:</b>	Rehabilitation	<b>BCL/Program Code:</b>	C370B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	C3702	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	In more than one Urban Village
<b>Neighborhood District:</b>	In more than one District		

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	349	250	250	250	250	250	250	250	2,099
<b>Total:</b>	349	250	250	250	250	250	250	250	2,099
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	349	250	250	250	250	250	250	250	2,099
<b>Total*:</b>	349	250	250	250	250	250	250	250	2,099
<b>O &amp; M Costs (Savings)</b>			21	21	21	21	21	21	126
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		100	250	250	250	250	250	250	1,600
<b>Total:</b>		100	250	250	250	250	250	250	1,600

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Sound Transit - North Link - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	C4135-DWF	<b>End Date:</b>	Q4/2020
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	58	87	75	75	75	75	50	50	545
<b>Total:</b>	58	87	75	75	75	75	50	50	545
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	58	87	75	75	75	75	50	50	545
<b>Total*:</b>	58	87	75	75	75	75	50	50	545
<b>O &amp; M Costs (Savings)</b>			5	5	5	5	5	5	33

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Sound Transit – University Link - DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C4110-DWF	<b>End Date:</b>	Q2/2016
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	334	191	127	41	10	0	0	0	702
<b>Total:</b>	334	191	127	41	10	0	0	0	702
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	334	191	127	41	10	0	0	0	702
<b>Total*:</b>	334	191	127	41	10	0	0	0	702
<b>O &amp; M Costs (Savings)</b>			7	7	7	7	7	7	42

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Sound Transit-East Link

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2013
<b>Project ID:</b>	C4122-DWF	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	40	15	0	0	0	0	55
<b>Total:</b>	0	0	40	15	0	0	0	0	55
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	0	40	15	0	0	0	0	55
<b>Total*:</b>	0	0	40	15	0	0	0	0	55
<b>O &amp; M Costs (Savings)</b>			1	1	1	1	1	1	3

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



## SPU-Drainage & Wastewater

### South Park Pump Station

<b>BCL/Program Name:</b>	Flooding, Sewer Back-up, and Landslides	<b>BCL/Program Code:</b>	C380B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q3/2008
<b>Project ID:</b>	C3806	<b>End Date:</b>	Q4/2019
<b>Location:</b>	698 S Riverside DR/Holden/Austin		
<b>Neighborhood Plan:</b>	South Park	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	6,030	4,500	500	1,500	3,000	4,000	3,500	308	23,339
<b>Total:</b>	6,030	4,500	500	1,500	3,000	4,000	3,500	308	23,339
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	6,030	4,500	500	1,500	3,000	4,000	3,500	308	23,339
<b>Total*:</b>	6,030	4,500	500	1,500	3,000	4,000	3,500	308	23,339
<b>O &amp; M Costs (Savings)</b>			233	233	233	233	233	233	1,400
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		662	500	1,500	3,000	4,000	3,500	308	13,471
<b>Total:</b>		662	500	1,500	3,000	4,000	3,500	308	13,471

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Street Sweeping for Water Quality

<b>BCL/Program Name:</b>	Protection of Beneficial Uses	<b>BCL/Program Code:</b>	C333B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	C3363	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	183	100	0	0	150	0	0	0	433
<b>Total:</b>	183	100	0	0	150	0	0	0	433
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	183	100	0	0	150	0	0	0	433
<b>Total*:</b>	183	100	0	0	150	0	0	0	433
<b>O &amp; M Costs (Savings)</b>			4	4	4	4	4	4	26
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		101	0	0	150	0	0	0	251
<b>Total:</b>		101	0	0	150	0	0	0	251

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Taylor Creek Culvert Replacement

<b>BCL/Program Name:</b>	Protection of Beneficial Uses	<b>BCL/Program Code:</b>	C333B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q4/1999
<b>Project ID:</b>	C3353	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Taylor Creek at Rainier Ave S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,682	450	450	450	4,000	0	0	0	7,032
<b>Total:</b>	1,682	450	450	450	4,000	0	0	0	7,032
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,682	450	450	450	4,000	0	0	0	7,032
<b>Total*:</b>	1,682	450	450	450	4,000	0	0	0	7,032
<b>O &amp; M Costs (Savings)</b>			70	70	70	70	70	70	422
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		83	450	450	4,000	0	0	0	4,983
<b>Total:</b>		83	450	450	4,000	0	0	0	4,983

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Thornton Confluence Improvement

<b>BCL/Program Name:</b>	Flooding, Sewer Back-up, and Landslides	<b>BCL/Program Code:</b>	C380B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	C3811	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Thornton Creek		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	1,525	4,000	4,085	530	0	0	0	0	10,140
<b>Total:</b>	1,525	4,000	4,085	530	0	0	0	0	10,140
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	1,525	4,000	4,085	530	0	0	0	0	10,140
<b>Total*:</b>	1,525	4,000	4,085	530	0	0	0	0	10,140
<b>O &amp; M Costs (Savings)</b>			101	101	101	101	101	101	608
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		290	4,085	530	0	0	0	0	4,905
<b>Total:</b>		290	4,085	530	0	0	0	0	4,905

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Venema Creek Natural Drainage System

<b>BCL/Program Name:</b>	Protection of Beneficial Uses	<b>BCL/Program Code:</b>	C333B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	C3333	<b>End Date:</b>	Q4/2017
<b>Location:</b>	1st and 2nd Ave NW/NW 120th St/NW 122nd St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	2,260	650	1,116	2,316	318	108	0	0	6,769
<b>Total:</b>	2,260	650	1,116	2,316	318	108	0	0	6,769
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	2,260	650	1,116	2,316	318	108	0	0	6,769
<b>Total*:</b>	2,260	650	1,116	2,316	318	108	0	0	6,769
<b>O &amp; M Costs (Savings)</b>			68	68	68	68	68	68	406
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		534	1,116	2,316	318	108	0	0	4,393
<b>Total:</b>		534	1,116	2,316	318	108	0	0	4,393

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Water Quality & Flow Improvements

<b>BCL/Program Name:</b>	Protection of Beneficial Uses	<b>BCL/Program Code:</b>	C333B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2017
<b>Project ID:</b>	C3393	<b>End Date:</b>	ONGOING
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
Drainage and Wastewater Rates		0	0	0	0	0	4,000	4,000	4,000	12,000
<b>Total:</b>		0	0	0	0	0	4,000	4,000	4,000	12,000
<b>Fund Appropriations/Allocations</b>										
Drainage and Wastewater Fund		0	0	0	0	0	4,000	4,000	4,000	12,000
<b>Total*:</b>		0	0	0	0	0	4,000	4,000	4,000	12,000
<b>O &amp; M Costs (Savings)</b>				0	0	0	120	120	120	360

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Windermere Combined Sewer Overflow Storage

<b>BCL/Program Name:</b>	Combined Sewer Overflows	<b>BCL/Program Code:</b>	C360B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2002
<b>Project ID:</b>	C3605	<b>End Date:</b>	Q4/2015
<b>Location:</b>	NE 65th St./Sand Point Way NE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	18,860	22,566	12,915	1,500	0	0	0	0	55,841
<b>Total:</b>	18,860	22,566	12,915	1,500	0	0	0	0	55,841
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	18,860	22,566	12,915	1,500	0	0	0	0	55,841
<b>Total*:</b>	18,860	22,566	12,915	1,500	0	0	0	0	55,841
<b>O &amp; M Costs (Savings)</b>			558	558	558	558	558	558	3,350
<b>Spending Plan by Fund</b>									
Drainage and Wastewater Fund		18,748	12,915	1,500	0	0	0	0	33,163
<b>Total:</b>		18,748	12,915	1,500	0	0	0	0	33,163

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Drainage & Wastewater

### Yesler Terrace-DWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	C4136-DWF	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Yesler and Broadway		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Drainage and Wastewater Rates	0	0	2,800	0	0	0	0	0	2,800
<b>Total:</b>	0	0	2,800	0	0	0	0	0	2,800
<b>Fund Appropriations/Allocations</b>									
Drainage and Wastewater Fund	0	0	2,800	0	0	0	0	0	2,800
<b>Total*:</b>	0	0	2,800	0	0	0	0	0	2,800
<b>O &amp; M Costs (Savings)</b>			28	28	28	28	28	28	168

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### 2014 - 2019 Proposed Capital Improvement Program



# **Seattle Public Utilities**

## **Solid Waste**



## **Overview**

Seattle Public Utilities (SPU) collects and disposes of solid waste generated within the City of Seattle. To fulfill this responsibility the City owns and manages the following infrastructure:

- Two recycling and disposal stations (transfer stations)
- Two household hazardous waste facilities
- A fleet of trucks and heavy equipment
- Two 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 \$144 million (excluding Technology) for 2014 through 2019.

The largest anticipated projects over this time period are:

- Rebuilding of the North Transfer Station (2013-2016)
- Constructing a recycling/re-use facility at the South Transfer Station (2015-2017)
- Completing the South Park Development Project

These projects comprise roughly 63% of the CIP. Other significant projects include investigation and closure of the South Park Landfill and replacement of the South Household Hazardous Waste facility.

SPU funds about 90% of the SWF CIP through the sale of revenue bonds. The remaining 10% is funded with cash. By using debt financing through bond sales, SPU is able to distribute the cost of large, expensive system improvements over several years to better address equity between current and future ratepayers. SPU plans Solid Waste Bond issues in 2014, 2015 and 2017. Cash and repayment of debt come predominantly from rate-based charges to customers whose garbage, recycling, and organics are handled by the City's solid waste infrastructure and services. Solid Waste rates were last set in 2012 for the period of 2013-2016.

## **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: Solid Waste must continue handling solid waste while it reconstructs its transfer stations. With the new South Transfer Station coming on line in March 2013, Solid Waste is now focused on reconstruction of the North Transfer Station (NTS). To adequately manage waste, the old South Transfer Station will be kept in operation until the North Transfer Station is complete. This will require diversion of waste from the northern station to the old STS. In addition, it will require Solid Waste to maintain the aged old STS through 2016.

Financial Challenges: Reconstruction of both transfer stations along with site remediation efforts puts considerable short-term financial strain on the Solid Waste Fund. At the same time that Solid Waste is funding and building these major projects, it is working to address environmental stewardship by encouraging waste reduction, which results in declining demand for services.

To address the funding needed for transfer station reconstructions and site remediation, SPU is planning bond sales in 2014, 2015, and 2017. The cost to repay or service these bonds will be paid through rate-based revenues, which also support the utility's operations, maintenance, administration, and contract costs. To assure that the 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.

### Thematic Priorities

The SPU Solid Waste Fund 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. The Mayor's Walk Bike Ride initiative is also supported through design elements of the two transfer station projects

- 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 existing North transfer stations are at the end of their useful lives. Safety standards at these older facilities will be greatly enhanced once the rebuilds are complete, resulting 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.
- Walk Bike Ride: The new South Transfer Station will include a trail on the east side of the property as a community benefit associated with the street vacation. This trail will create a link in the corridor between South Park and the Alki neighborhoods. The design for the new North Transfer Station includes separated traffic, a separate recycling building and approximately 44,000 square feet of publicly accessible green space. SPU engaged neighbors to help program the green space.

### Project Selection Criteria

SPU identifies candidate capital projects from several sources – planning (e.g., comprehensive plans, program plans), external projects and opportunities, and emergencies or other unexpected events. Under SPU's Asset Management System, projects must be justified through a business case process that establishes that a problem or opportunity is timely and important, and that the proposed solution is superior to alternatives based on a triple bottom line analysis (economic, environmental and social) of life cycle costs and benefits. The process also recognizes that a project may be a "must do" project (e.g. required by 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:

## 2014-2019 Proposed Capital Improvement Program

- **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 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 North and South Transfer Station Rebuild projects.
- **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 North and South Transfer Station Rebuild projects as well as the Household Hazardous Waste Relocation project.
- **Other Factors:** Other important factors include high net present value or cost-effectiveness, social or environmental benefits which were not otherwise recognized, a project already in progress or near completion, limited time opportunity, demonstration projects, community visibility, outside funding. An example of a project in this category is the SW Comp Plan Update projects.

Every project is rated against each criterion. Criteria ratings are then considered in determining an overall project priority ranking, using expert judgment (rather than a formula). Priority rankings for the CIP are determined by the leads for each Line of Business (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.

### **Aligning Infrastructure with Planned Growth**

The City’s Comprehensive Plan incorporates the Solid Waste six-year CIP by reference to provide the infrastructure needed for the solid waste system. In addition, investments in solid waste infrastructure support the Comprehensive Plan’s sustainability and zero waste goals.

The City’s transfer stations are part of a comprehensive waste management system that aims to accommodate population growth while reducing the overall amount of solid waste sent to landfills. The transfer stations balance the capital cost of station construction with convenience and collection cost minimization. This is reflected in optimizing a north end transfer station and a south end transfer station as opposed to one large central station or multiple small neighborhood based stations.

The South Park Development project will result in an approved cleanup of the historic landfill and put approximately 20 acres of unused property back into productive use and create economic opportunities adjacent to the South Park Urban Village.

## Future Projects/What is on the Horizon

In the seven years prior to the initiation of the transfer station rebuild projects, the Solid Waste Fund CIP Budget averaged \$4.7 million annually. In the years when the transfer station rebuild projects are included, the SWF CIP Budget averages \$21 million annually. Once the stations are completed, the core Solid Waste Fund CIP is expected to return closer to the lower, historical levels.

Once the North and South Transfer Stations are rebuilt, continued capital investments at the stations will decrease. The old South and existing North stations are at the end of their useful lives. While the old South station is being replaced, the facility continues to need maintenance while the North station continues to require major improvements each year to keep it operational and safe for both the public and SPU employees who work there. Upon completion of the new stations, annual costs for repairs and upkeep are projected to decrease initially and then increase as equipment replacement/renewal projects are required on the new facilities.

## CIP Revenue Sources

SPU’s Solid Waste CIP is funded almost entirely by Solid Waste ratepayers. SPU issues bonds, serviced by ratepayers that in the current rate period cover 89% of projected CIP, with the remainder funded by current operating revenues. SPU also actively seeks grants, low interest loans, and other funding sources whenever possible. The Solid Waste Utility has faced challenges since 2008 as a result of fuel prices and the economic downturn, which have reduced demand while increasing required payments to contractors. Approved 2013-16 rates include average annual increases of 4.5% for residential and commercial customers. This includes a \$2.30 monthly increase in 2013 for typical residential customers.

## CIP Spending by Major Category

(In ‘000s; total may not sum due to rounding)

Solid Waste Fund	2014	2015	2016	2017	2018	2019	Total
New Facilities	26,574	48,569	25,621	20,608	177	0	121,550
Rehabilitation & Heavy Equipment	45	25	425	25	25	425	970
Shared Cost Projects	2,239	1,682	1,418	1,847	1,910	1,917	11,014
Technology	5,337	5,269	3,122	2,443	2,352	1,482	20,006
<b>Total</b>	<b>34,195</b>	<b>55,546</b>	<b>30,587</b>	<b>24,924</b>	<b>4,463</b>	<b>3,823</b>	<b>153,539</b>

**New Facilities:** This program plans, designs, and constructs new facilities to enhance solid waste operations. In 2014, SPU will continue the implementation of its Solid Waste Facilities Master Plan, which features a two-station configuration. The key project drivers of the New Facilities budget category are the North and South Transfer Station Rebuild projects.

## 2014-2019 Proposed Capital Improvement Program

The proposed budget for this BCL has decreased by \$5.5 million for 2014 and increases by \$13.4 million in 2015 as costs shift into future years. Having a preferred design concept that has been recommended by stakeholders and approved by SPU, a design contract for the North Transfer Station (NTS) has been procured and now more is known about the construction schedule. This has resulted in a slight shift in construction timing from 2014 to 2015. The schedule for the South Park Development Project has shifted out as a result of changes to the NTS.

**Rehabilitation and Heavy Equipment:** This program designs and constructs projects to repair and/or upgrade solid waste facilities. The key driver of this budget category is the Kent Highlands Landfill program. Landfill improvements include the replacement of existing flares, drainage improvements, groundwater protection and water treatment as required by State environmental policy.

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

The proposed budget for this BCL will decrease by \$117K in 2014 and increase by \$189K in 2015 compared to the adopted budget for the respective years. One of the key drivers for the change in 2014 would be the SWF SCADA program. Other changes in the budget for 2014 and 2015 were related to changes that were made in the calculation for the 1% for Arts – Solid Waste Project.

**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 2014 and 2015 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

The 2014-2019 Proposed CIP increases Technology CIP spending for all utility funds by \$2.8 million in 2014 and \$10.4 million in 2015 as compared to the 2013-2018 Adopted CIP. Solid Waste Utility's Technology CIP amount increases by \$0.45 million in 2014 and increases by \$2.95 million in 2015. These amounts are based on the Solid Waste Utility's share of benefit from these projects.

**Project Summary**

<b>BCL/Program Name/ Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>New Facilities</b>									<b>C230B</b>
Miscellaneous Station Improvements (C2303)	2,776	300	600	581	0	0	0	0	4,257
North Transfer Station Rebuild (C2306)	4,777	7,751	23,731	45,926	3,357	0	0	0	85,542
South Park Development (C2304)	2,427	670	744	385	13,228	9,572	0	0	27,025
South Recycling Disposal Station Household Hazardous Waste Relocation (C2305)	0	0	0	177	1,036	1,036	177	0	2,425
South Transfer Station Rebuild (C2302)	74,186	1,716	1,500	1,500	8,000	10,000	0	0	96,901
<b>New Facilities</b>	<b>84,166</b>	<b>10,436</b>	<b>26,574</b>	<b>48,569</b>	<b>25,621</b>	<b>20,608</b>	<b>177</b>	<b>0</b>	<b>216,151</b>
<b>Rehabilitation and Heavy Equipment</b>									<b>C240B</b>
Kent Highlands Landfill (C2402)	727	253	20	25	25	25	25	425	1,525
Midway Landfill (C2403)	109	25	25	0	400	0	0	0	559
<b>Rehabilitation and Heavy Equipment</b>	<b>835</b>	<b>278</b>	<b>45</b>	<b>25</b>	<b>425</b>	<b>25</b>	<b>25</b>	<b>425</b>	<b>2,084</b>
<b>Shared Cost Projects</b>									<b>C410B</b>
1% for Art – SWF (C4118-SWF)	852	332	292	276	10	82	80	82	2,007
Heavy Equipment Purchases - SWF (C4116-SWF)	5,975	1,525	1,380	1,200	1,200	1,200	1,200	1,200	14,880
Integrated Control Monitoring Program - SWF (C4108-SWF)	0	50	200	0	0	0	0	0	250
Operational Facility - Construction - SWF (C4106-SWF)	2,499	158	80	140	90	392	450	405	4,213
Operations Control Center - SWF (C4105-SWF)	690	24	152	2	18	63	68	68	1,084
Security Improvements - SWF (C4113-SWF)	890	167	135	65	100	110	113	163	1,742
<b>Shared Cost Projects</b>	<b>10,906</b>	<b>2,257</b>	<b>2,239</b>	<b>1,682</b>	<b>1,418</b>	<b>1,847</b>	<b>1,910</b>	<b>1,917</b>	<b>24,177</b>
<b>Technology</b>									<b>C510B</b>
Asset Information Management (C5407)	1,076	630	455	364	363	379	389	225	3,880
Customer Contact & Billing (C5402)	230	4,429	3,382	2,685	548	572	450	188	12,484
Enterprise Information Management (C5403)	23	182	322	357	383	165	205	394	2,031
IT Infrastructure (C5404)	452	379	464	338	465	293	555	330	3,275

\*Amounts in thousands of dollars

**2014 - 2019 Proposed Capital Improvement Program**



**SPU-Solid Waste**

**Project Summary**

<b>BCL/Program Name/ Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Project Delivery & Performance (C5405)	788	559	533	776	613	716	426	345	4,757
Science & System Performance (C5406)	87	68	181	750	750	319	327	0	2,482
<b>Technology</b>	2,656	6,248	5,337	5,269	3,122	2,443	2,352	1,482	28,910
<b>Department Total*:</b>	98,563	19,220	34,195	55,546	30,587	24,924	4,463	3,823	271,322

*\*Amounts in thousands of dollars*

**2014 - 2019 Proposed Capital Improvement Program**

## SPU-Solid Waste

### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Solid Waste Fund (45010)	98,563	19,220	34,195	55,546	30,587	24,924	4,463	3,823	271,322
<b>Department Total*:</b>	98,563	19,220	34,195	55,546	30,587	24,924	4,463	3,823	271,322

*\*Amounts in thousands of dollars*

**2014 - 2019 Proposed Capital Improvement Program**

## SPU-Solid Waste

### 1% for Art – SWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	C4118-SWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Solid Waste Rates	852	332	292	276	10	82	80	82	2,007
<b>Total:</b>	852	332	292	276	10	82	80	82	2,007
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	852	332	292	276	10	82	80	82	2,007
<b>Total*:</b>	852	332	292	276	10	82	80	82	2,007
<b>O &amp; M Costs (Savings)</b>			20	20	20	20	20	20	120

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Solid Waste

### Heavy Equipment Purchases - SWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C4116-SWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Solid Waste Rates	5,975	1,525	1,380	1,200	1,200	1,200	1,200	1,200	14,880
<b>Total:</b>	5,975	1,525	1,380	1,200	1,200	1,200	1,200	1,200	14,880
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	5,975	1,525	1,380	1,200	1,200	1,200	1,200	1,200	14,880
<b>Total*:</b>	5,975	1,525	1,380	1,200	1,200	1,200	1,200	1,200	14,880
<b>O &amp; M Costs (Savings)</b>			149	149	149	149	149	149	893
<b>Spending Plan by Fund</b>									
Solid Waste Fund		794	1,380	1,200	1,200	1,200	1,200	1,200	8,174
<b>Total:</b>		794	1,380	1,200	1,200	1,200	1,200	1,200	8,174

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Solid Waste

### Integrated Control Monitoring Program - SWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	C4108-SWF	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Kent, WA		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
Solid Waste Rates		0	50	200	0	0	0	0	0	250
<b>Total:</b>		0	50	200	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>										
Solid Waste Fund		0	50	200	0	0	0	0	0	250
<b>Total*:</b>		0	50	200	0	0	0	0	0	250
<b>O &amp; M Costs (Savings)</b>				3	3	3	3	3	3	15
<b>Spending Plan by Fund</b>										
Solid Waste Fund			0	200	0	0	0	0	0	200
<b>Total:</b>			0	200	0	0	0	0	0	200

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Solid Waste

### Kent Highlands Landfill

<b>BCL/Program Name:</b>	Rehabilitation and Heavy Equipment	<b>BCL/Program Code:</b>	C240B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	C2402	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This program funds compliance activities related to the Kent Highlands landfill closure project. These activities include environmental and feasibility studies to demonstrate the effectiveness of the Kent Highlands landfill closure project, as well as various landfill improvements. The environmental and feasibility studies are required under the existing Consent Decree with the State Department of Ecology and validate that current environmental controls are effective and reduce the likelihood of additional capital or O&M expenditures. The landfill improvements include replacement of existing flares, drainage improvements, groundwater protection and water treatment.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Solid Waste Rates	727	253	20	25	25	25	25	425	1,525
<b>Total:</b>	727	253	20	25	25	25	25	425	1,525
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	727	253	20	25	25	25	25	425	1,525
<b>Total*:</b>	727	253	20	25	25	25	25	425	1,525
<b>O &amp; M Costs (Savings)</b>			15	15	15	15	15	15	92
<b>Spending Plan by Fund</b>									
Solid Waste Fund		349	20	25	25	25	25	425	894
<b>Total:</b>		349	20	25	25	25	25	425	894

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Solid Waste

### Midway Landfill

<b>BCL/Program Name:</b>	Rehabilitation and Heavy Equipment	<b>BCL/Program Code:</b>	C240B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	C2403	<b>End Date:</b>	Q4/2016
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This program funds compliance activities related to the Midway landfill closure project. These activities include environmental and feasibility studies to demonstrate the effectiveness of the Midway landfill closure project 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Solid Waste Rates	109	25	25	0	400	0	0	0	559
<b>Total:</b>	109	25	25	0	400	0	0	0	559
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	109	25	25	0	400	0	0	0	559
<b>Total*:</b>	109	25	25	0	400	0	0	0	559
<b>O &amp; M Costs (Savings)</b>			6	6	6	6	6	6	34

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### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Solid Waste

### Miscellaneous Station Improvements

<b>BCL/Program Name:</b>	New Facilities	<b>BCL/Program Code:</b>	C230B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2003
<b>Project ID:</b>	C2303	<b>End Date:</b>	Q4/2015
<b>Location:</b>	8101 2nd Ave S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Solid Waste Rates	2,776	300	600	581	0	0	0	0	4,257
<b>Total:</b>	2,776	300	600	581	0	0	0	0	4,257
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	2,776	300	600	581	0	0	0	0	4,257
<b>Total*:</b>	2,776	300	600	581	0	0	0	0	4,257
<b>O &amp; M Costs (Savings)</b>			43	43	43	43	43	43	255

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### 2014 - 2019 Proposed Capital Improvement Program



## SPU-Solid Waste

### North Transfer Station Rebuild

<b>BCL/Program Name:</b>	New Facilities	<b>BCL/Program Code:</b>	C230B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	C2306	<b>End Date:</b>	Q4/2016
<b>Location:</b>	1350 N 34th St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Solid Waste Rates	4,777	7,751	23,731	45,926	3,357	0	0	0	85,542
<b>Total:</b>	4,777	7,751	23,731	45,926	3,357	0	0	0	85,542
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	4,777	7,751	23,731	45,926	3,357	0	0	0	85,542
<b>Total*:</b>	4,777	7,751	23,731	45,926	3,357	0	0	0	85,542
<b>O &amp; M Costs (Savings)</b>			958	958	958	958	958	958	5,751
<b>Spending Plan by Fund</b>									
Solid Waste Fund		7,049	23,731	45,926	3,357	0	0	0	80,063
<b>Total:</b>		7,049	23,731	45,926	3,357	0	0	0	80,063

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Solid Waste

### Operational Facility - Construction - SWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C4106-SWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Solid Waste Rates	2,499	158	80	140	90	392	450	405	4,213
<b>Total:</b>	2,499	158	80	140	90	392	450	405	4,213
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	2,499	158	80	140	90	392	450	405	4,213
<b>Total*:</b>	2,499	158	80	140	90	392	450	405	4,213
<b>O &amp; M Costs (Savings)</b>			42	42	42	42	42	42	253
<b>Spending Plan by Fund</b>									
Solid Waste Fund		159	80	140	90	392	450	405	1,715
<b>Total:</b>		159	80	140	90	392	450	405	1,715

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Solid Waste

### Operations Control Center - SWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C4105-SWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	2700 Airport Way S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Solid Waste Rates	690	24	152	2	18	63	68	68	1,084
<b>Total:</b>	690	24	152	2	18	63	68	68	1,084
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	690	24	152	2	18	63	68	68	1,084
<b>Total*:</b>	690	24	152	2	18	63	68	68	1,084
<b>O &amp; M Costs (Savings)</b>			11	11	11	11	11	11	65
<b>Spending Plan by Fund</b>									
Solid Waste Fund		19	152	2	18	63	68	68	389
<b>Total:</b>		19	152	2	18	63	68	68	389

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Solid Waste

### Security Improvements - SWF

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C4113-SWF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Urban Village:</b>	Not in an Urban Village
<b>Neighborhood District:</b>	In more than one District		

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Solid Waste Rates	890	167	135	65	100	110	113	163	1,742
<b>Total:</b>	890	167	135	65	100	110	113	163	1,742
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	890	167	135	65	100	110	113	163	1,742
<b>Total*:</b>	890	167	135	65	100	110	113	163	1,742
<b>O &amp; M Costs (Savings)</b>			17	17	17	17	17	17	105
<b>Spending Plan by Fund</b>									
Solid Waste Fund		266	135	65	100	110	113	163	951
<b>Total:</b>		266	135	65	100	110	113	163	951

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Solid Waste

### South Park Development

<b>BCL/Program Name:</b>	New Facilities	<b>BCL/Program Code:</b>	C230B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2006
<b>Project ID:</b>	C2304	<b>End Date:</b>	Q4/2017
<b>Location:</b>	8100 2nd Ave S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Solid Waste Rates	2,427	670	744	385	13,228	9,572	0	0	27,025
<b>Total:</b>	2,427	670	744	385	13,228	9,572	0	0	27,025
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	2,427	670	744	385	13,228	9,572	0	0	27,025
<b>Total*:</b>	2,427	670	744	385	13,228	9,572	0	0	27,025
<b>O &amp; M Costs (Savings)</b>			270	270	270	270	270	270	1,622
<b>Spending Plan by Fund</b>									
Solid Waste Fund		2,425	744	385	13,228	9,572	0	0	26,354
<b>Total:</b>		2,425	744	385	13,228	9,572	0	0	26,354

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Solid Waste

### South Recycling Disposal Station Household Hazardous Waste Relocation

<b>BCL/Program Name:</b>	New Facilities	<b>BCL/Program Code:</b>	C230B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	C2305	<b>End Date:</b>	Q4/2018
<b>Location:</b>	8105 5th Ave S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Solid Waste Rates	0	0	0	177	1,036	1,036	177	0	2,425
<b>Total:</b>	0	0	0	177	1,036	1,036	177	0	2,425
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	0	0	0	177	1,036	1,036	177	0	2,425
<b>Total*:</b>	0	0	0	177	1,036	1,036	177	0	2,425
<b>O &amp; M Costs (Savings)</b>			24	24	24	24	24	24	146

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## SPU-Solid Waste

### South Transfer Station Rebuild

<b>BCL/Program Name:</b>	New Facilities	<b>BCL/Program Code:</b>	C230B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	C2302	<b>End Date:</b>	Q4/2017
<b>Location:</b>	8100 2nd AVE S		
<b>Neighborhood Plan:</b>	Duwamish	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Solid Waste Rates	74,186	1,716	1,500	1,500	8,000	10,000	0	0	96,901
<b>Total:</b>	74,186	1,716	1,500	1,500	8,000	10,000	0	0	96,901
<b>Fund Appropriations/Allocations</b>									
Solid Waste Fund	74,186	1,716	1,500	1,500	8,000	10,000	0	0	96,901
<b>Total*:</b>	74,186	1,716	1,500	1,500	8,000	10,000	0	0	96,901
<b>O &amp; M Costs (Savings)</b>			969	969	969	969	969	969	5,814
<b>Spending Plan by Fund</b>									
Solid Waste Fund		2,550	1,500	1,500	8,000	10,000	0	0	23,550
<b>Total:</b>		2,550	1,500	1,500	8,000	10,000	0	0	23,550

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program





# **Seattle Public Utilities**

## **Technology Projects**



**Project Summary**

<b>BCL/Program Name/</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Technology</b>							<b>BCL/Program Code:</b>		<b>C510B</b>
Asset Information Management (C5407)	7,278	4,620	2,460	2,258	2,344	2,358	2,415	2,000	25,732
Customer Contact & Billing (C5402)	1,483	14,982	11,445	9,881	3,404	3,552	3,369	1,250	49,366
Enterprise Information Management (C5403)	143	1,171	2,126	2,365	2,550	1,100	1,350	2,600	13,405
IT Infrastructure (C5404)	3,526	2,507	3,109	2,250	3,100	1,950	3,700	2,200	22,343
Project Delivery & Performance (C5405)	5,015	3,549	3,359	5,106	4,050	4,750	2,649	2,300	30,778
Science & System Performance (C5406)	1,155	945	1,423	2,342	2,341	2,061	2,498	1,000	13,765
<b>Technology</b>	<b>18,600</b>	<b>27,774</b>	<b>23,922</b>	<b>24,202</b>	<b>17,790</b>	<b>15,770</b>	<b>15,980</b>	<b>11,350</b>	<b>155,388</b>
<b>Department Total*:</b>	<b>18,600</b>	<b>27,774</b>	<b>23,922</b>	<b>24,202</b>	<b>17,790</b>	<b>15,770</b>	<b>15,980</b>	<b>11,350</b>	<b>155,388</b>

\*Amounts in thousands of dollars

## SPU-Technology

### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Drainage and Wastewater Fund (44010)	7,341	10,559	9,196	8,929	6,884	6,149	6,443	4,778	60,280
Solid Waste Fund (45010)	2,656	6,248	5,337	5,269	3,122	2,443	2,352	1,482	28,910
Water Fund (43000)	8,603	10,966	9,389	10,004	7,783	7,178	7,185	5,090	66,199
<b>Department Total*:</b>	<b>18,600</b>	<b>27,774</b>	<b>23,922</b>	<b>24,202</b>	<b>17,790</b>	<b>15,770</b>	<b>15,980</b>	<b>11,350</b>	<b>155,388</b>

*\*Amounts in thousands of dollars*

**2014 - 2019 Proposed Capital Improvement Program**

**Asset Information Management**

<b>BCL/Program Name:</b>	Technology	<b>BCL/Program Code:</b>	C510B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C5407	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	3,725	2,188	1,060	1,048	1,048	1,093	1,120	910	12,192
Drainage and Wastewater Rates	2,477	1,802	945	847	934	886	905	865	9,660
Solid Waste Rates	1,076	630	455	364	363	379	389	225	3,880
<b>Total:</b>	7,278	4,620	2,460	2,258	2,344	2,358	2,415	2,000	25,732
<b>Fund Appropriations/Allocations</b>									
Water Fund	3,725	2,188	1,060	1,048	1,048	1,093	1,120	910	12,192
Drainage and Wastewater Fund	2,477	1,802	945	847	934	886	905	865	9,660
Solid Waste Fund	1,076	630	455	364	363	379	389	225	3,880
<b>Total*:</b>	7,278	4,620	2,460	2,258	2,344	2,358	2,415	2,000	25,732
<b>O &amp; M Costs (Savings)</b>			262	262	262	262	262	262	1,574
<b>Spending Plan by Fund</b>									
Water Fund		2,060	1,060	1,048	1,048	1,093	1,120	910	8,338
Drainage and Wastewater Fund		1,390	945	847	934	886	905	865	6,771
Solid Waste Fund		622	455	364	363	379	389	225	2,797
<b>Total:</b>		4,071	2,460	2,258	2,344	2,358	2,415	2,000	17,906

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**2014 - 2019 Proposed Capital Improvement Program**

## SPU-Technology

### Customer Contact & Billing

<b>BCL/Program Name:</b>	Technology	<b>BCL/Program Code:</b>	C510B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C5402	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	663	5,423	4,214	3,782	1,579	1,648	1,689	550	19,549
Drainage and Wastewater Rates	590	5,130	3,848	3,414	1,276	1,332	1,230	513	17,333
Solid Waste Rates	230	4,429	3,382	2,685	548	572	450	188	12,484
<b>Total:</b>	1,483	14,982	11,445	9,881	3,404	3,552	3,369	1,250	49,366
<b>Fund Appropriations/Allocations</b>									
Water Fund	663	5,423	4,214	3,782	1,579	1,648	1,689	550	19,549
Drainage and Wastewater Fund	590	5,130	3,848	3,414	1,276	1,332	1,230	513	17,333
Solid Waste Fund	230	4,429	3,382	2,685	548	572	450	188	12,484
<b>Total*:</b>	1,483	14,982	11,445	9,881	3,404	3,552	3,369	1,250	49,366
<b>O &amp; M Costs (Savings)</b>			494	494	494	494	494	494	2,962
<b>Spending Plan by Fund</b>									
Water Fund		2,449	4,214	3,782	1,579	1,648	1,689	550	15,912
Drainage and Wastewater Fund		2,317	3,848	3,414	1,276	1,332	1,230	513	13,930
Solid Waste Fund		1,909	3,382	2,685	548	572	450	188	9,734
<b>Total:</b>		6,676	11,445	9,881	3,404	3,552	3,369	1,250	39,576

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### 2014 - 2019 Proposed Capital Improvement Program

**Enterprise Information Management**

<b>BCL/Program Name:</b>	Technology	<b>BCL/Program Code:</b>	C510B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C5403	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	66	525	940	1,043	1,123	484	598	1,150	5,929
Drainage and Wastewater Rates	54	464	864	965	1,044	451	548	1,056	5,445
Solid Waste Rates	23	182	322	357	383	165	205	394	2,031
<b>Total:</b>	143	1,171	2,126	2,365	2,550	1,100	1,350	2,600	13,405
<b>Fund Appropriations/Allocations</b>									
Water Fund	66	525	940	1,043	1,123	484	598	1,150	5,929
Drainage and Wastewater Fund	54	464	864	965	1,044	451	548	1,056	5,445
Solid Waste Fund	23	182	322	357	383	165	205	394	2,031
<b>Total*:</b>	143	1,171	2,126	2,365	2,550	1,100	1,350	2,600	13,405
<b>O &amp; M Costs (Savings)</b>			134	134	134	134	134	134	804
<b>Spending Plan by Fund</b>									
Water Fund		649	940	1,043	1,123	484	598	1,150	5,986
Drainage and Wastewater Fund		578	864	965	1,044	451	548	1,056	5,505
Solid Waste Fund		218	322	357	383	165	205	394	2,044
<b>Total:</b>		1,444	2,126	2,365	2,550	1,100	1,350	2,600	13,535

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**2014 - 2019 Proposed Capital Improvement Program**

## SPU-Technology

### IT Infrastructure

<b>BCL/Program Name:</b>	Technology	<b>BCL/Program Code:</b>	C510B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C5404	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	1,630	1,215	1,369	990	1,364	858	1,628	968	10,022
Drainage and Wastewater Rates	1,444	913	1,276	923	1,271	800	1,517	902	9,045
Solid Waste Rates	452	379	464	338	465	293	555	330	3,275
<b>Total:</b>	<b>3,526</b>	<b>2,507</b>	<b>3,109</b>	<b>2,250</b>	<b>3,100</b>	<b>1,950</b>	<b>3,700</b>	<b>2,200</b>	<b>22,343</b>
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,630	1,215	1,369	990	1,364	858	1,628	968	10,022
Drainage and Wastewater Fund	1,444	913	1,276	923	1,271	800	1,517	902	9,045
Solid Waste Fund	452	379	464	338	465	293	555	330	3,275
<b>Total*:</b>	<b>3,526</b>	<b>2,507</b>	<b>3,109</b>	<b>2,250</b>	<b>3,100</b>	<b>1,950</b>	<b>3,700</b>	<b>2,200</b>	<b>22,343</b>
<b>O &amp; M Costs (Savings)</b>			223	223	223	223	223	223	1,341
<b>Spending Plan by Fund</b>									
Water Fund		1,209	1,369	990	1,364	858	1,628	968	8,387
Drainage and Wastewater Fund		1,007	1,276	923	1,271	800	1,517	902	7,695
Solid Waste Fund		284	464	338	465	293	555	330	2,728
<b>Total:</b>		<b>2,500</b>	<b>3,109</b>	<b>2,250</b>	<b>3,100</b>	<b>1,950</b>	<b>3,700</b>	<b>2,200</b>	<b>18,809</b>

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### 2014 - 2019 Proposed Capital Improvement Program



**Project Delivery & Performance**

<b>BCL/Program Name:</b>	Technology	<b>BCL/Program Code:</b>	C510B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C5405	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	2,444	1,615	1,533	2,261	1,789	2,095	1,229	1,012	13,979
Drainage and Wastewater Rates	1,783	1,375	1,294	2,069	1,648	1,939	993	943	12,043
Solid Waste Rates	788	559	533	776	613	716	426	345	4,757
<b>Total:</b>	5,015	3,549	3,359	5,106	4,050	4,750	2,649	2,300	30,778
<b>Fund Appropriations/Allocations</b>									
Water Fund	2,444	1,615	1,533	2,261	1,789	2,095	1,229	1,012	13,979
Drainage and Wastewater Fund	1,783	1,375	1,294	2,069	1,648	1,939	993	943	12,043
Solid Waste Fund	788	559	533	776	613	716	426	345	4,757
<b>Total*:</b>	5,015	3,549	3,359	5,106	4,050	4,750	2,649	2,300	30,778
<b>O &amp; M Costs (Savings)</b>			308	308	308	308	308	308	1,847
<b>Spending Plan by Fund</b>									
Water Fund		2,107	1,533	2,261	1,789	2,095	1,229	1,012	12,027
Drainage and Wastewater Fund		1,805	1,294	2,069	1,648	1,939	993	943	10,690
Solid Waste Fund		721	533	776	613	716	426	345	4,131
<b>Total:</b>		4,634	3,359	5,106	4,050	4,750	2,649	2,300	26,848

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**2014 - 2019 Proposed Capital Improvement Program**

**Science & System Performance**

<b>BCL/Program Name:</b>	Technology	<b>BCL/Program Code:</b>	C510B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C5406	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	75	0	272	880	880	1,000	921	500	4,529
Drainage and Wastewater Rates	992	876	970	711	711	742	1,250	500	6,754
Solid Waste Rates	87	68	181	750	750	319	327	0	2,482
<b>Total:</b>	1,155	945	1,423	2,342	2,341	2,061	2,498	1,000	13,765
<b>Fund Appropriations/Allocations</b>									
Water Fund	75	0	272	880	880	1,000	921	500	4,529
Drainage and Wastewater Fund	992	876	970	711	711	742	1,250	500	6,754
Solid Waste Fund	87	68	181	750	750	319	327	0	2,482
<b>Total*:</b>	1,155	945	1,423	2,342	2,341	2,061	2,498	1,000	13,765
<b>O &amp; M Costs (Savings)</b>			143	143	143	143	143	143	856
<b>Spending Plan by Fund</b>									
Water Fund		394	272	880	880	1,000	921	500	4,848
Drainage and Wastewater Fund		1,389	970	711	711	742	1,250	500	6,274
Solid Waste Fund		47	181	750	750	319	327	0	2,373
<b>Total:</b>		1,830	1,423	2,342	2,341	2,061	2,498	1,000	13,495

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**2014 - 2019 Proposed Capital Improvement Program**

# **Seattle Public Utilities**

## **Water**



## Overview

SPU delivers an average of 120 to 125 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;
- Two well fields;
- Two primary water treatment plants;
- 11 booster chlorination facilities;
- 354.5 million gallons of treated water storage;
- 30 pump stations;
- Approximately 1,900 miles of transmission and distribution system pipelines;
- Over 188,000 meters and service connections;
- More than 21,000 distribution system valves;
- About 18,000 hydrants;
- Monitoring and control systems; and,
- Various buildings and other related facilities.

The capital program also includes investments in watershed stewardship projects, Cedar River Watershed Habitat Conservation Plan implementation, water conservation programs, vehicles, heavy equipment, and technology.

Planned spending in the Water Capital Improvement Program (CIP) is \$409 million over the next six years. Major projects include:

- Covering of open reservoirs to ensure water purity as required by state regulations;
- Morse Lake Pump Plant changes to improve water storage access;
- Water system improvements associated with transportation projects; and,
- Cedar River watershed investments mandated by the Habitat Conservation Plan (HCP).

The 2014-2019 Proposed CIP also includes many ongoing programs, such as improving the distribution system of water mains, valves, and pump stations, watershed stewardship and conservation projects and programs, and facilities, vehicles, and heavy equipment investments. By 2018, 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.

SPU funds Water capital projects through a combination of cash and issuance of bonds. The primary source of cash and debt repayment funds come from sale of water charged to retail and wholesale customers in the region. In Spring 2011, Water rates were approved by the Executive and City Council for the period 2012 through 2014. SPU has updated the Water System Plan through 2018, a Washington Department of Health (WDOH) regulatory requirement due every 6 years.

## Summary of Upcoming Budget Issues and Challenges

Three important issues create financial challenges and opportunities for the Water Fund in the future.

Promoting 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. In 2010, consumption was 33% 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 CIP, need to be distributed across fewer units of water sold. This trend also puts pressure on SPU management and employees to deliver services as efficiently as possible.

Transitioning from Major Projects toward Asset Management: The Water Fund is transitioning from a period of building large capital projects in response to regulatory requirements, to a time of focus on physical infrastructure rehabilitation. Past investments include water treatment facilities for the Tolt and Cedar supplies, coverings for five open reservoirs in response to federal/state regulations, and investments to meet federal requirements embodied in the Cedar River Watershed HCP. These investments helped secure the supply and distribution of high-quality drinking water and provide appropriate stewardship of the watersheds consistent with federal and state requirements.

The City of Seattle is now better positioned than many water utilities in the nation in terms of regulatory compliance. Residents, businesses and rate payers will benefit from these investments for years to come. Although the focus will shift from major projects to physical infrastructure rehabilitation, the utility will be paying debt service over the next several budget cycles on the bonds that were issued for major projects.

Responding to the Economy: Recent economic changes help shape the 2014-2019 Proposed Water CIP. Although there are signs of recovery in the national economy, the overall economic downturn continues to impact new development, which is a source of CIP-related Water Fund revenue via the New Taps program. When new housing is brought on line, new services (i.e. New Taps) are required to supply those units with water. Due to the housing decline, since 2008, annual revenue from New Taps decreased 42% through 2012. As the housing market improves, the New Taps revenue is beginning to show signs of rebounding in 2013.

Against the backdrop of these trends, the 2014-2019 Proposed Water CIP has been developed to:

- Preserve the transmission and distribution systems, as well as stewardship of the watersheds, to ensure a reliable source of high-quality drinking water;
- Comply with federal and state regulations governing water quality, system reliability, and habitat protection in the watersheds in which SPU operates; and,
- Prioritize projects to deliver on infrastructure and regulatory requirements within the limited resources of the Water Fund.

## Thematic Priorities

The overarching goal of the Water CIP is to ensure that the water system is properly maintained, upgraded, and expanded to reliably deliver high-quality, safe drinking water to customers, protect the environment, and comply with regulations. The primary themes driving the CIP in the next six years are health and human safety, asset preservation, environmental sustainability, and race and social justice.

- SPU is committed to making **asset preservation** investments to create or enhance operational efficiency. SPU uses asset management principles to determine the timing of rehabilitation or replacement of its infrastructure. Projects that fall into this category vary, ranging from water main replacement related to transportation projects to decommissioning of steel storage facilities.
- SPU's commitment to **health and human safety** is also addressed through SPU's reservoir covering projects. Consistent with Ordinance 120899 and required by state regulators, SPU is replacing its open finished drinking water reservoirs with underground structures that will improve water quality and system security. Seismic retrofits are planned for four of the buried reservoirs. SPU plans to decommission Roosevelt Reservoir, and further evaluate the possibility of decommissioning Volunteer Reservoir. However, permanent actions at these two reservoirs are not expected to occur until enough time has elapsed to observe the water system's performance without them. Additionally, by 2019, SPU will begin constructing new covers on the Lake Forest Park and Bitter Lake reservoirs to replace the existing floating covers that will have reached the end of their useful life.
- SPU is committed to **environmental sustainability**. This can best be seen in SPU's responsibilities as outlined in the 50-year Habitat Conservation Plan (HCP), an agreement between local, state and federal agencies. The HCP seeks to ensure the long-term ecological integrity of the Cedar River Watershed, which supplies the majority of the City's drinking water. It simultaneously addresses the needs of protected wildlife species in and along the Cedar River. Investments in the regional conservation and low-income conservation programs also help in management of our natural resources, while helping customers reduce their utility bills.
- SPU is also committed to **race and social justice**. One example of this commitment is the Low Income Water Conservation Program. This ongoing program provides water use efficiency resources to the City's low-income customers to implement water conservation measures. Typical improvements consist of, but are not limited to, installing water-efficient fixtures, such as aerating showerheads and faucets, low water-use toilets and efficient clothes washers. The program is cooperatively managed by SPU and the City's Human Services Department.

## Project Selection Criteria

SPU identifies candidate capital projects from several sources – planning (e.g. comprehensive plans, program plans), external projects and opportunities, and emergencies or other unexpected events. Under SPU’s Asset Management system, projects must be justified through a business case process that establishes that a problem or opportunity is timely and important, and that the proposed solution is superior to alternatives based on a triple bottom line analysis (economic, environmental and social) of life cycle costs and benefits. The process also recognizes that a project may be a “must do” project (e.g. required by regulation).

SPU prioritizes its capital projects into three categories – Priorities 1, 2 and 3, with 1 being the most important and critical. Some projects are part of an externally driven project. Typically, SPU lacks control over the timing of externally driven projects.

Priority rankings are based on the following set of criteria:

- **Regulatory Mandates, Legal Agreements:** The degree to which a project is driven by federal, state, and local laws, permit and regulatory requirements, and consent decrees; as well as by legal agreements with public and private parties. Examples of highly ranked projects in this category include the reservoir covering programs and the Habitat Conservation Program.
- **External Drivers:** SPU’s responsiveness to, or engagement with, projects of other Departments or Jurisdictions, and the specific mandates of the City Council and Mayor. Examples of highly ranked projects in this category include the Alaskan Way Viaduct, Yesler Terrace, and Mercer Corridor projects.
- **Infrastructure:** How a project addresses infrastructure conditions or vulnerabilities. Examples of highly ranked projects in this category include the Watermain Rehabilitation, Distribution System Improvements and Tank Improvements programs.
- **Level of Service:** The importance of a project in providing or improving services to customers. Examples of highly ranked projects in this category include the Water Infrastructure – New Taps and Service Renewals programs.
- **Other Factors:** Other important factors include high net present value or cost-effectiveness, social or environmental benefits not otherwise captured, a project already in progress or near completion, limited time opportunity, demonstration projects, community visibility, outside funding. An example of a highly ranked project in this category includes Rattlesnake Lake Sanitary Facilities.

Every project is rated against each criterion. Criteria ratings are then considered in determining an overall project priority ranking, using expert judgment (rather than a formula). Priority rankings for the CIP are determined by the leads for each Line of Business (LOB), with review by key internal stakeholders. The ranking scheme and criteria are the same for all LOBs and are approved by the SPU 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 or excluded



(or deferred) from the CIP, and which projects should receive priority attention if a staff or financial resource constraint should arise.

In recent years, this prioritization process and business case analysis has resulted in decisions to retire or downsize some facilities, primarily finished water reservoirs, and defer some capital projects. Retiring facilities reduces capital expenditures since these facilities are in need of major improvements (such as seismic retrofits) that are avoided, as well as reduces annual operating costs since the level of maintenance is greatly reduced. Downsizing or retiring storage facilities is possible because the need for storage has changed over time as the system has been reconfigured, transmission and treatment has become more reliable, and demands, particularly for fire flows, have declined.

Some examples of retirements are:

- Richmond Highlands Tanks (decommissioning the smaller of two): \$1.8 million in capital cost savings;
- Foy Standpipe: \$2 million in capital cost savings;
- Myrtle Tank #1: \$900,000 in capital cost savings;
- Roosevelt Reservoir: \$24 million in capital cost savings;
- Volunteer Reservoir retirement is under consideration (\$25 million in potential capital savings since this reservoir would have to be buried if it were kept in service); and,
- Lincoln, Beacon and West Seattle Reservoirs were downsized based on demand analysis.

Some examples of deferrals are:

- Landsburg Flood Passage Improvements to improve woody debris management and performance during high flood flows at Landsburg Diversion (\$5M): Moved to 2013 and scope downsized;
- Cedar Falls Facilities Development to improve buildings and office space at Cedar Falls Headquarters: Shifted start of planning from 2009 to 2011. Construction shifted from 2012 to 2017; and
- Desktop and laptop replacement frequency lengthened.

## **Aligning Infrastructure with Planned Growth**

In its Water System Plan updates, SPU forecasts water demands to meet the growth projections as planned for in Seattle's most recent Comprehensive Plan and ensures that there will be adequate water supply for at least the next 20 years. These growth projections include expected residential and commercial growth into designated Urban Centers and Urban Villages. The 2013 Water System Plan indicates that new sources of supply would not be needed until sometime after 2060.

Growth-based infrastructure needs in Urban Centers and Urban Villages are addressed through specific programs in the Water CIP, including water main extensions, new water connections for new construction, fire flow improvements, and water main rehabilitations. The water distribution system in these areas is fairly robust, and needed improvements are generally located within areas where the land use is changed from single family zoning to a more intensive use needing higher flows for firefighting. Projects containing these improvements are evaluated through a business case process and are prioritized among the other projects in the CIP.

## Future Projects/What is on the Horizon

The Water CIP is coming to the end of a 20-year period of investments in major infrastructure projects. These projects have positioned SPU to meet drinking water quality and environmental regulations. Projects have included the Tolt and Cedar Water Treatment Facilities, Reservoir Covering Program, the Cedar River Watershed HCP, and a new Water Quality Laboratory. SPU has also made a major reinvestment in the Supervisory Control and Data Acquisition System which is used to monitor and control the regional and retail water system. However, these investments have also led to increasing debt service payments that constrain future budgets.

There is only one remaining large project, Morse Lake Pump Plant, and a few special mid-range programs, such as seismic retrofitting of reservoirs, and programs related to transportation projects and improvements to SPU facilities. The Morse Lake Pump Plant project provides for reliable release of water from Morse Lake into the Cedar River. This is necessary to maintain the supply of drinking water to the region and meet regulatory minimums for the amount of “in-stream flows” in the river to support aquatic habitat, wetlands, riparian vegetation, and water quality.

Beyond these projects, emphasis will be on asset management based rehabilitation and replacement of distribution system infrastructure (e.g. mains, valves, hydrants, meters). Example of such projects to date are the 3<sup>rd</sup> Ave West PRVs project, which installed new pressure reducing valves (PRVs) in the Ballard neighborhood, and the WM Ship Canal Crossing at 3<sup>rd</sup> Ave West project, which rehabilitates a failing watermain (WM) underneath the Ship Canal Bridge. There is significant planning and analysis work involved in applying asset management and determining the appropriate level of CIP versus operating and maintenance work needed for each asset, and shifting the workforce accordingly.

## CIP Revenue Sources

SPU’s Water CIP is funded largely by Water ratepayers. About 71% of the Water Fund’s overall revenues come from retail ratepayers, split approximately evenly between residential and commercial customers. Another 23% of the Water Fund’s overall revenues come from wholesale purveyors who serve surrounding jurisdictions. The remaining 6% consists of non-rate revenue, which includes such things as tap fees received and developer watermain reimbursements. SPU issues bonds, serviced by ratepayers, which in the current rate period cover 49% of the CIP, with the remainder funded by cash, i.e. directly by ratepayer revenue.

SPU actively seeks grants, low interest loans, and other funding sources whenever possible. And, as mentioned above, SPU also receives payments from developers that are intended to offset the cost of installing new taps when they connect newly constructed buildings to the SPU watermains. These “tap fees” are a volatile revenue source, trending with the construction-related sectors of the economy.

## CIP Spending by Major Category

(In '000s; total may not sum due to rounding)

Water Fund	2014	2015	2016	2017	2018	2019	Total
DISTRIBUTION	22,600	21,451	24,773	23,307	25,728	27,180	145,038
TRANSMISSION	2,916	5,636	2,823	2,721	2,773	2,827	19,695
WATERSHED STEWARDSHIP	227	106	551	551	250	250	1,935
WATER QUALITY AND TREATMENT	11,279	9,821	249	100	100	1,280	22,830
WATER RESOURCES	4,215	13,167	24,976	11,073	3,953	3,612	60,995
HABITAT CONSERVATION	2,610	2,375	2,680	2,121	1,934	1,941	13,661
SHARED COST	23,387	18,957	15,880	11,764	13,280	15,393	98,662
TECHNOLOGY	9,389	10,004	7,783	7,178	7,185	5,090	46,630
<b>Total</b>	<b>76,624</b>	<b>81,516</b>	<b>79,716</b>	<b>58,816</b>	<b>55,203</b>	<b>57,571</b>	<b>409,445</b>

**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 to retail customers.

Increases in the **Distribution BCL** for 2014, compared to amounts adopted in 2013 in the 2013-2018 CIP, reflect a Watermain Rehabilitation project near Seward Park to replace corroded watermain located in corrosive soils on an accelerated schedule, and a Multiple Utility Relocation project that provides necessary modifications to pipes and related infrastructure in support of the City of Shoreline's Aurora Avenue North project. Reductions in 2015 reflect Tank Improvement projects starting in 2016 rather than 2015 as initially anticipated.

**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.

Reductions in the **Transmission BCL** in 2014 compared to amounts adopted in 2013 in the 2013-2018 CIP, are primarily due to delays in 2013 of the presentation of plans for the Cathodic Protection program to SPU's Asset Management Committee. This program will begin to accelerate in 2015. An increase in

### 2014-2019 Proposed Capital Improvement Program

2015 reflects critical work in the Transmission Pipelines Rehabilitation program in response to a slide area through which the Tolt Pipelines traverse.

**Watershed Stewardship:** Projects and programs in this category improve protection of our sources of drinking water, provide habitat protection and restoration, sustain the environment, and enhance environmental quality, both locally and regionally. Most of the projects in this program category are located within the Cedar and Tolt River municipal watersheds. Three of these projects are being carried out in response to the Endangered Species Act’s designation of the Chinook salmon as a threatened species.

- The Cedar River Municipal Watershed is 90,638 acres of land owned by the City of Seattle and provides about 70% of the drinking water used by over 1.3 million people in the greater Seattle area. The City of Seattle is required by law to maintain a clean drinking water supply. To that end the City restricts public access and management is guided by a Habitat Conservation Plan. The Cedar River Watershed is an unfiltered surface water supply which produces some of the best water in the world.
- The South Fork Tolt River Watershed is the smaller and lesser known but still essential second supply watershed in SPU’s freshwater supply system. Located in the foothills of the Cascades in east King County, it first came on-line in 1964, and since 1989 has also supported a small Seattle City Light hydro-electric facility. The Tolt Treatment Facilities can provide up to 120 million gallons of drinking water per day.

**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 five reservoirs that contain already treated water that is distributed directly to Seattle residents and wholesale customers for drinking purposes.

The **Water Quality and Treatment BCL** increase in 2014 and 2015 compared to the same years adopted in the 2013-2018 CIP reflects a new approach to expedite design and construction for all four reservoirs as well as adding construction costs for both Maple Leaf and Myrtle reservoirs (both had only accounted for design costs up to this point). Additionally, the increase reflects changes to the Landsburg Chlorination project at the Landsburg Facility. The current major issue that is affecting cost and schedule at Landsburg is the Puget Sound Energy (PSE) power pole relocation and King County building permit process.

**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. The Morse Lake Pump Plant is one of the last big investments contemplated in the Water CIP in this decade.

Reductions in the **Water Resources BCL** in 2014 compared to amounts adopted in the 2013-2018 CIP, are primarily due to delays with the Morse Lake Pump Plant, which is pushing construction to start in late

2015. Schedule delays are due to additional departmental reviews of the project and permit requirements that could impact design.

**Habitat Conservation Program:** This program category includes projects and programs directly related to implementation of the Cedar River Watershed Habitat Conservation Plan. The Habitat Conservation Plan benefits the utility and the ratepayers it serves by providing legal certainty under the Endangered Species Act for the City’s continued operations within the Cedar River Watershed, which supplies 70% 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: management of in-stream flows for people and fish, forest and land conservation activities, and mitigation for the blockage of salmon and steelhead fish as they return to the Cedar River to spawn. The Water Fund’s CIP projects in this area are grouped into eight categories: road improvements and decommissioning, stream and riparian restoration, upland forest restoration, Landsburg fish passage, Cedar River sockeye hatchery, improvements to the Ballard Locks for fish passage and water conservation, fish habitat protection and restoration in the lower Cedar River below the municipal watershed boundary, and evaluation of Cedar permanent dead storage in Chester Morse Lake.

The size of the **Habitat Conservation Program BCL** decreases over the course of the six-year CIP as major capital projects required under the Habitat Conservation Plan agreement are completed and land-acquisition commitments are satisfied.

**Shared Cost Projects:** This program includes individual capital improvement projects which typically benefit multiple lines of business (e.g. the water line of business and the drainage and wastewater line of business) and whose costs are "shared," or paid for, by more than one of SPU's utility funds. In 2014, the Shared Cost program includes funding for a number of interdepartmental projects including the Alaskan Way Viaduct and Seawall Replacement, Yesler Terrace, Mercer Corridor and Sound Transit Link Light Rail. Funding is also included for SPU’s Heavy Equipment Purchases, the Integrated Control Monitoring Program and a number of smaller projects.

The Shared Cost Projects BCL increases in 2014 and 2015 compared to the Adopted 2013-2018 CIP. Primary drivers of the increase include the Operations Control Center Main Warehouse Ventilation project, with increased costs related to a higher than anticipated consultant contract; and the Landsburg Facility Upgrades which added an antenna tower and is mitigating the addition of a power pole relocation. The Alaskan Way Viaduct project costs have also been revised to reflect the latest estimates.

**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 2014 and 2015 address SPU’s key initiatives, which focus on:

- Improving Internal Controls,
- Improving Productivity and Performance

## 2014-2019 Proposed Capital Improvement Program

- Improving Customer Service
- Transitioning from Data Rich to Knowledge Rich
- Improving Project Delivery

The 2014-2019 Proposed CIP increases Technology CIP spending for all utility funds by \$2.8 million in 2014 and \$10.4 million in 2015 as compared to the 2013-2018 Adopted CIP. The Water Utility's Technology CIP amount increases by \$0.79 million in 2014 and by \$3.65 million in 2015. These amounts are based on the Water Utility's share of benefit from these projects.

## Project Summary

<b>BCL/Program Name/</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Distribution</b>					<b>BCL/Program Code:</b>				<b>C110B</b>
Chamber Upgrades - Distribution (C1137)	22	38	27	27	28	28	29	29	227
Distribution System Improvements (C1128)	2,786	1,556	3,530	3,800	4,800	5,490	5,500	5,800	33,262
Distribution System In-Line Gate Valves (C1136)	564	300	318	325	331	338	345	351	2,873
Multiple Utility Relocation (C1133)	5,114	2,136	1,839	541	552	563	574	586	11,904
Pump Station Improvements (C1135)	233	200	250	541	552	563	574	586	3,499
Tank Improvements (C1134)	4,161	120	0	500	2,500	0	0	500	7,781
Water Infrastructure - Distribution System Modifications (C1138)	0	200	200	200	200	200	200	200	1,400
Water Infrastructure - Hydrant Replacement/Relocation (C1110)	4,667	364	371	379	386	394	402	410	7,374
Water Infrastructure - New Hydrants (C1112)	514	104	106	108	110	113	115	117	1,287
Water Infrastructure - New Taps (C1113)	94,646	5,000	4,900	5,000	5,100	5,200	5,300	5,406	130,552
Water Infrastructure - Service Renewal (C1109)	96,458	5,722	5,837	5,953	6,072	6,194	6,318	6,444	138,998
Water Infrastructure - Watermain Extensions (C1111)	12,861	800	796	812	828	845	862	1,000	18,803
Watermain Rehabilitation (C1129)	5,649	3,866	4,426	3,264	3,313	3,379	5,509	5,750	35,156
<b>Distribution</b>	<b>227,674</b>	<b>20,406</b>	<b>22,600</b>	<b>21,451</b>	<b>24,773</b>	<b>23,307</b>	<b>25,728</b>	<b>27,180</b>	<b>393,118</b>
<b>Transmission</b>					<b>BCL/Program Code:</b>				<b>C120B</b>
Cathodic Protection Program (C1208)	608	350	1,219	1,848	1,082	1,104	1,126	1,149	8,486
Purveyor Meters Replace - SPU (C1206)	690	100	102	104	106	108	111	113	1,433
Replace Air Valve Chambers (C1209)	1,647	112	117	122	125	125	127	130	2,505
Transmission Pipelines Rehabilitation (C1207)	2,963	1,040	1,376	3,457	1,404	1,276	1,299	1,322	14,137
Water System Dewatering (C1205)	179	100	102	104	106	108	111	113	922
<b>Transmission</b>	<b>6,086</b>	<b>1,703</b>	<b>2,916</b>	<b>5,636</b>	<b>2,823</b>	<b>2,721</b>	<b>2,773</b>	<b>2,827</b>	<b>27,484</b>

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
<b>Watershed Stewardship</b>									<b>C130B</b>
Cedar Bridges (C1307)	1,618	1	1	1	1	1	250	250	2,123
Environmental Stewardship (C1301)	0	0	200	100	100	100	0	0	500
Tolt Bridges (C1308)	0	1	0	0	450	450	0	0	901
Tolt Watershed Restoration (C1310)	288	28	6	5	0	0	0	0	327
Transmission Right-of-Way Improvements (C1316)	1	70	20	0	0	0	0	0	91
<b>Watershed Stewardship</b>	1,907	100	227	106	551	551	250	250	3,942
<b>Water Quality &amp; Treatment</b>									<b>C140B</b>
Landsburg Chlorination Upgrades (C1417)	172	524	1,016	865	29	0	0	0	2,606
Reservoir Covering-Bitter Lake (C1419)	0	0	0	0	0	0	0	590	590
Reservoir Covering - Beacon (C1408)	41,916	650	925	4,243	50	0	0	0	47,784
Reservoir Covering - Maple Leaf (C1411)	38,059	1,250	4,760	3,328	50	0	0	0	47,447
Reservoir Covering - Myrtle (C1410)	12,273	50	315	1,235	20	0	0	0	13,893
Reservoir Covering - Volunteer (C1407)	97	20	0	0	0	0	0	0	117
Reservoir Covering - West Seattle (C1409)	33,644	750	4,020	50	0	0	0	0	38,464
Reservoir Covering-Lake Forest Park (C1418)	0	0	0	0	0	0	0	590	590
Treatment Facility/Water Quality Improvements (C1413)	186	30	100	100	100	100	100	100	816
Water Quality Equipment (C1414)	249	140	143	1	0	0	0	0	533
<b>Water Quality &amp; Treatment</b>	126,596	3,414	11,279	9,821	249	100	100	1,280	152,840
<b>Water Resources</b>									<b>C150B</b>
Dam Safety Program (C1506)	6,714	315	150	2,025	1,432	1,040	800	800	13,276
Morse Lake Pump Plant (C1508)	12,639	3,800	1,372	7,119	18,788	6,846	0	0	50,563
Regional Water Conservation Program (C1504)	17,526	1,769	1,803	1,839	1,876	1,914	1,952	1,991	30,671
Seattle Direct Service Additional Conservation (C1505)	5,724	676	690	704	718	732	747	762	10,751

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program



## Project Summary

BCL/Program Name/ Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
Water Supply Flexibility Program (C1507)	333	669	200	1,480	2,052	0	0	0	4,735
Water System Plan - 2019 (C1510)	0	0	0	0	110	541	454	59	1,164
<b>Water Resources</b>	42,937	7,229	4,215	13,167	24,976	11,073	3,953	3,612	111,160
<b>Habitat Conservation Program</b>									<b>C160B</b>
Ballard Locks Improvements (C1606)	9,145	0	0	0	200	200	200	200	9,945
Cedar Sockeye Hatchery (C1605)	21,380	46	205	100	40	0	0	0	21,771
Downstream Fish Habitat (C1607)	3,687	435	520	460	595	215	0	0	5,912
Instream Flow Management Studies (C1608)	4,782	229	204	208	212	216	221	225	6,298
Stream & Riparian Restoration (C1602)	7,232	383	394	395	397	292	292	292	9,678
Upland Reserve Forest Restoration (C1603)	6,850	530	283	188	192	132	135	115	8,425
Watershed Road Improvement/Decommissioning (C1601)	11,170	984	1,004	1,023	1,044	1,066	1,087	1,108	18,486
<b>Habitat Conservation Program</b>	64,247	2,606	2,610	2,375	2,680	2,121	1,934	1,941	80,514
<b>Shared Cost Projects</b>									<b>C410B</b>
1% for Art – WF (C4118-WF)	1,225	181	125	109	64	66	70	71	1,912
Alaskan Way Viaduct & Seawall Replacement Program - WF (C4102-WF)	5,107	2,430	4,682	3,074	2,380	930	803	284	19,690
Bridging the Gap - WF (C4119-WF)	6,113	1,572	1,604	1,636	1,668	100	100	100	12,893
Emergency Storms - WF (C4120-WF)	95	50	105	100	100	100	100	100	750
First Hill Streetcar - WF (C4130-WF)	0	0	150	500	1,000	50	0	0	1,700
Heavy Equipment Purchases - WF (C4116-WF)	8,427	3,618	2,600	2,566	2,000	2,000	2,000	2,000	25,210
Integrated Control Monitoring Program - WF (C4108-WF)	7,385	446	405	480	480	480	480	480	10,636
Mercer Corridor Project East Phase - WF (C4114-WF)	3,428	520	30	0	0	0	0	0	3,978
Mercer Corridor Project West Phase - WF (C4133-WF)	162	939	455	320	0	0	0	0	1,875
Meter Replacement - WF (C4101-WF)	4,666	707	634	645	655	666	683	689	9,345

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Project Summary

<b>BCL/Program Name/</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Operational Facility - Construction - WF (C4106- WF)	14,724	1,416	1,492	1,048	690	2,829	3,450	5,155	30,804
Operational Facility - Other - WF (C4115-WF)	973	276	256	300	300	0	0	0	2,105
Operations Control Center - WF (C4105-WF)	4,555	170	1,630	76	122	431	623	783	8,390
Other Major Transportation Projects - WF (C4123-WF)	36	290	265	54	105	50	300	500	1,601
Regional Facility - WF (C4107 -WF)	3,713	3,321	6,515	5,781	4,418	2,200	2,825	3,425	32,197
Security Improvements - WF (C4113-WF)	6,228	2,000	1,713	2,038	1,788	1,763	1,771	1,731	19,031
Sound Transit - North Link - WF (C4135-WF)	58	87	300	125	100	100	75	75	920
Sound Transit - Water Betterment (C4125)	1,502	0	50	50	0	0	0	0	1,602
Sound Transit – University Link - WF (C4110-WF)	329	202	137	41	10	0	0	0	719
Sound Transit-East Link (C4122-WF)	0	0	40	15	0	0	0	0	55
Yesler Terrace-WF (C4136- WF)	0	0	200	0	0	0	0	0	200
<b>Shared Cost Projects</b>	<b>68,726</b>	<b>18,226</b>	<b>23,387</b>	<b>18,957</b>	<b>15,880</b>	<b>11,764</b>	<b>13,280</b>	<b>15,393</b>	<b>185,613</b>
<b>Technology</b>							<b>BCL/Program Code:</b>		<b>C510B</b>
Asset Information Management (C5407)	3,725	2,188	1,060	1,048	1,048	1,093	1,120	910	12,192
Customer Contact & Billing (C5402)	663	5,423	4,214	3,782	1,579	1,648	1,689	550	19,549
Enterprise Information Management (C5403)	66	525	940	1,043	1,123	484	598	1,150	5,929
IT Infrastructure (C5404)	1,630	1,215	1,369	990	1,364	858	1,628	968	10,022
Project Delivery & Performance (C5405)	2,444	1,615	1,533	2,261	1,789	2,095	1,229	1,012	13,979
Science & System Performance (C5406)	75	0	272	880	880	1,000	921	500	4,529
<b>Technology</b>	<b>8,603</b>	<b>10,966</b>	<b>9,389</b>	<b>10,004</b>	<b>7,783</b>	<b>7,178</b>	<b>7,185</b>	<b>5,090</b>	<b>66,199</b>
<b>Department Total*:</b>	<b>546,776</b>	<b>64,649</b>	<b>76,624</b>	<b>81,516</b>	<b>79,716</b>	<b>58,816</b>	<b>55,203</b>	<b>57,571</b>	<b>1,020,871</b>

\*Amounts in thousands of dollars

**2014 - 2019 Proposed Capital Improvement Program**

**Fund Summary**

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Water Fund (43000)	546,776	64,649	76,624	81,516	79,716	58,816	55,203	57,571	1,020,871
<b>Department Total*:</b>	546,776	64,649	76,624	81,516	79,716	58,816	55,203	57,571	1,020,871

*\*Amounts in thousands of dollars*

**1% for Art – WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	C4118-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	1,225	181	125	109	64	66	70	71	1,912
<b>Total:</b>	1,225	181	125	109	64	66	70	71	1,912
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,225	181	125	109	64	66	70	71	1,912
<b>Total*:</b>	1,225	181	125	109	64	66	70	71	1,912
<b>O &amp; M Costs (Savings)</b>			19	19	19	19	19	19	115

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Alaskan Way Viaduct & Seawall Replacement Program - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C4102-WF	<b>End Date:</b>	Q4/2019
<b>Location:</b>	SR 99 / Battery St		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	5,107	2,430	4,682	3,074	2,380	930	803	284	19,690
<b>Total:</b>	5,107	2,430	4,682	3,074	2,380	930	803	284	19,690
<b>Fund Appropriations/Allocations</b>									
Water Fund	5,107	2,430	4,682	3,074	2,380	930	803	284	19,690
<b>Total*:</b>	5,107	2,430	4,682	3,074	2,380	930	803	284	19,690
<b>O &amp; M Costs (Savings)</b>			197	197	197	197	197	197	1,181
<b>Spending Plan by Fund</b>									
Water Fund		1,080	4,682	3,074	2,380	930	803	284	13,233
<b>Total:</b>		1,080	4,682	3,074	2,380	930	803	284	13,233

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**2014 - 2019 Proposed Capital Improvement Program**

**Ballard Locks Improvements**

<b>BCL/Program Name:</b>	Habitat Conservation Program	<b>BCL/Program Code:</b>	C160B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2000
<b>Project ID:</b>	C1606	<b>End Date:</b>	Q4/2020
<b>Location:</b>	NW 54th St /30th Ave NW		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Ballard	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	9,145	0	0	0	200	200	200	200	9,945
<b>Total:</b>	9,145	0	0	0	200	200	200	200	9,945
<b>Fund Appropriations/Allocations</b>									
Water Fund	9,145	0	0	0	200	200	200	200	9,945
<b>Total*:</b>	9,145	0	0	0	200	200	200	200	9,945
<b>O &amp; M Costs (Savings)</b>			99	99	99	99	99	99	597

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**2014 - 2019 Proposed Capital Improvement Program**

**Bridging the Gap - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	C4119-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	6,113	1,572	1,604	1,636	1,668	100	100	100	12,893
<b>Total:</b>	6,113	1,572	1,604	1,636	1,668	100	100	100	12,893
<b>Fund Appropriations/Allocations</b>									
Water Fund	6,113	1,572	1,604	1,636	1,668	100	100	100	12,893
<b>Total*:</b>	6,113	1,572	1,604	1,636	1,668	100	100	100	12,893
<b>O &amp; M Costs (Savings)</b>			129	129	129	129	129	129	774
<b>Spending Plan by Fund</b>									
Water Fund		572	1,604	1,636	1,668	100	100	100	5,780
<b>Total:</b>		572	1,604	1,636	1,668	100	100	100	5,780

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**2014 - 2019 Proposed Capital Improvement Program**

**Cathodic Protection Program**

<b>BCL/Program Name:</b>	Transmission	<b>BCL/Program Code:</b>	C120B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C1208	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	608	350	1,219	1,848	1,082	1,104	1,126	1,149	8,486
<b>Total:</b>	608	350	1,219	1,848	1,082	1,104	1,126	1,149	8,486
<b>Fund Appropriations/Allocations</b>									
Water Fund	608	350	1,219	1,848	1,082	1,104	1,126	1,149	8,486
<b>Total*:</b>	608	350	1,219	1,848	1,082	1,104	1,126	1,149	8,486
<b>O &amp; M Costs (Savings)</b>			85	85	85	85	85	85	509

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**2014 - 2019 Proposed Capital Improvement Program**



**Cedar Bridges**

<b>BCL/Program Name:</b>	Watershed Stewardship	<b>BCL/Program Code:</b>	C130B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C1307	<b>End Date:</b>	ONGOING
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	1,618	1	1	1	1	1	250	250	2,123
<b>Total:</b>	1,618	1	1	1	1	1	250	250	2,123
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,618	1	1	1	1	1	250	250	2,123
<b>Total*:</b>	1,618	1	1	1	1	1	250	250	2,123
O & M Costs (Savings)			21	21	21	21	21	21	127
<b>Spending Plan by Fund</b>									
Water Fund		0	1	1	1	1	250	250	504
<b>Total:</b>		0	1	1	1	1	250	250	504

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**2014 - 2019 Proposed Capital Improvement Program**

**Cedar Sockeye Hatchery**

<b>BCL/Program Name:</b>	Habitat Conservation Program	<b>BCL/Program Code:</b>	C160B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2000
<b>Project ID:</b>	C1605	<b>End Date:</b>	Q2/2016
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	21,380	46	205	100	40	0	0	0	21,771
<b>Total:</b>	21,380	46	205	100	40	0	0	0	21,771
<b>Fund Appropriations/Allocations</b>									
Water Fund	21,380	46	205	100	40	0	0	0	21,771
<b>Total*:</b>	21,380	46	205	100	40	0	0	0	21,771
<b>O &amp; M Costs (Savings)</b>			218	218	218	218	218	218	1,306
<b>Spending Plan by Fund</b>									
Water Fund		295	205	100	40	0	0	0	640
<b>Total:</b>		295	205	100	40	0	0	0	640

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**2014 - 2019 Proposed Capital Improvement Program**

**Chamber Upgrades - Distribution**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	C1137	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	22	38	27	27	28	28	29	29	227
<b>Total:</b>	22	38	27	27	28	28	29	29	227
<b>Fund Appropriations/Allocations</b>									
Water Fund	22	38	27	27	28	28	29	29	227
<b>Total*:</b>	22	38	27	27	28	28	29	29	227
<b>O &amp; M Costs (Savings)</b>			2	2	2	2	2	2	14
<b>Spending Plan by Fund</b>									
Water Fund		50	27	27	28	28	29	29	217
<b>Total:</b>		50	27	27	28	28	29	29	217

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**2014 - 2019 Proposed Capital Improvement Program**

**Dam Safety Program**

<b>BCL/Program Name:</b>	Water Resources	<b>BCL/Program Code:</b>	C150B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	C1506	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	6,714	315	150	2,025	1,432	1,040	800	800	13,276
<b>Total:</b>	6,714	315	150	2,025	1,432	1,040	800	800	13,276
<b>Fund Appropriations/Allocations</b>									
Water Fund	6,714	315	150	2,025	1,432	1,040	800	800	13,276
<b>Total*:</b>	6,714	315	150	2,025	1,432	1,040	800	800	13,276
<b>O &amp; M Costs (Savings)</b>			133	133	133	133	133	133	797
<b>Spending Plan by Fund</b>									
Water Fund		315	150	2,025	1,432	1,040	800	800	6,562
<b>Total:</b>		315	150	2,025	1,432	1,040	800	800	6,562

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**2014 - 2019 Proposed Capital Improvement Program**

**Distribution System Improvements**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	C1128	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	2,786	1,556	3,530	3,800	4,800	5,490	5,500	5,800	33,262
<b>Total:</b>	2,786	1,556	3,530	3,800	4,800	5,490	5,500	5,800	33,262
<b>Fund Appropriations/Allocations</b>									
Water Fund	2,786	1,556	3,530	3,800	4,800	5,490	5,500	5,800	33,262
<b>Total*:</b>	2,786	1,556	3,530	3,800	4,800	5,490	5,500	5,800	33,262
<b>O &amp; M Costs (Savings)</b>			333	333	333	333	333	333	1,996
<b>Spending Plan by Fund</b>									
Water Fund		3,133	3,530	3,800	4,800	5,490	5,500	5,800	32,053
<b>Total:</b>		3,133	3,530	3,800	4,800	5,490	5,500	5,800	32,053

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**2014 - 2019 Proposed Capital Improvement Program**

**Distribution System In-Line Gate Valves**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	C1136	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	564	300	318	325	331	338	345	351	2,873
<b>Total:</b>	564	300	318	325	331	338	345	351	2,873
<b>Fund Appropriations/Allocations</b>									
Water Fund	564	300	318	325	331	338	345	351	2,873
<b>Total*:</b>	564	300	318	325	331	338	345	351	2,873
<b>O &amp; M Costs (Savings)</b>			29	29	29	29	29	29	172
<b>Spending Plan by Fund</b>									
Water Fund		300	318	325	331	338	345	351	2,308
<b>Total:</b>		300	318	325	331	338	345	351	2,308

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Downstream Fish Habitat**

<b>BCL/Program Name:</b>	Habitat Conservation Program	<b>BCL/Program Code:</b>	C160B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	C1607	<b>End Date:</b>	Q4/2017
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	3,687	435	520	460	595	215	0	0	5,912
<b>Total:</b>	3,687	435	520	460	595	215	0	0	5,912
<b>Fund Appropriations/Allocations</b>									
Water Fund	3,687	435	520	460	595	215	0	0	5,912
<b>Total*:</b>	3,687	435	520	460	595	215	0	0	5,912
<b>O &amp; M Costs (Savings)</b>			59	59	59	59	59	59	355
<b>Spending Plan by Fund</b>									
Water Fund		1,248	520	460	595	215	0	0	3,038
<b>Total:</b>		1,248	520	460	595	215	0	0	3,038

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Emergency Storms - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2007
<b>Project ID:</b>	C4120-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	95	50	105	100	100	100	100	100	750
<b>Total:</b>	95	50	105	100	100	100	100	100	750
<b>Fund Appropriations/Allocations</b>									
Water Fund	95	50	105	100	100	100	100	100	750
<b>Total*:</b>	95	50	105	100	100	100	100	100	750
<b>O &amp; M Costs (Savings)</b>			8	8	8	8	8	8	45
<b>Spending Plan by Fund</b>									
Water Fund		0	105	100	100	100	100	100	605
<b>Total:</b>		0	105	100	100	100	100	100	605

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**2014 - 2019 Proposed Capital Improvement Program**



**Environmental Stewardship**

<b>BCL/Program Name:</b>	Watershed Stewardship	<b>BCL/Program Code:</b>	C130B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	C1301	<b>End Date:</b>	Q4/2017
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	0	0	200	100	100	100	0	0	500
<b>Total:</b>	0	0	200	100	100	100	0	0	500
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	200	100	100	100	0	0	500
<b>Total*:</b>	0	0	200	100	100	100	0	0	500
<b>O &amp; M Costs (Savings)</b>			5	5	5	5	5	5	30

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**2014 - 2019 Proposed Capital Improvement Program**

**First Hill Streetcar - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	C4130-WF	<b>End Date:</b>	Q4/2017
<b>Location:</b>	First Hill		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	0	0	150	500	1,000	50	0	0	1,700
<b>Total:</b>	0	0	150	500	1,000	50	0	0	1,700
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	150	500	1,000	50	0	0	1,700
<b>Total*:</b>	0	0	150	500	1,000	50	0	0	1,700
<b>O &amp; M Costs (Savings)</b>			17	17	17	17	17	17	102

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**2014 - 2019 Proposed Capital Improvement Program**

**Heavy Equipment Purchases - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	C4116-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	8,427	3,618	2,600	2,566	2,000	2,000	2,000	2,000	25,210
<b>Total:</b>	8,427	3,618	2,600	2,566	2,000	2,000	2,000	2,000	25,210
<b>Fund Appropriations/Allocations</b>									
Water Fund	8,427	3,618	2,600	2,566	2,000	2,000	2,000	2,000	25,210
<b>Total*:</b>	8,427	3,618	2,600	2,566	2,000	2,000	2,000	2,000	25,210
<b>O &amp; M Costs (Savings)</b>			252	252	252	252	252	252	1,513
<b>Spending Plan by Fund</b>									
Water Fund		2,929	2,600	2,566	2,000	2,000	2,000	2,000	16,095
<b>Total:</b>		2,929	2,600	2,566	2,000	2,000	2,000	2,000	16,095

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**2014 - 2019 Proposed Capital Improvement Program**

**Instream Flow Management Studies**

<b>BCL/Program Name:</b>	Habitat Conservation Program	<b>BCL/Program Code:</b>	C160B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2003
<b>Project ID:</b>	C1608	<b>End Date:</b>	ONGOING
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	4,782	229	204	208	212	216	221	225	6,298
<b>Total:</b>	4,782	229	204	208	212	216	221	225	6,298
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,782	229	204	208	212	216	221	225	6,298
<b>Total*:</b>	4,782	229	204	208	212	216	221	225	6,298
<b>O &amp; M Costs (Savings)</b>			63	63	63	63	63	63	378
<b>Spending Plan by Fund</b>									
Water Fund		200	204	208	212	216	221	225	1,487
<b>Total:</b>		200	204	208	212	216	221	225	1,487

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**2014 - 2019 Proposed Capital Improvement Program**

**Integrated Control Monitoring Program - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2002
<b>Project ID:</b>	C4108-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	7,385	446	405	480	480	480	480	480	10,636
<b>Total:</b>	7,385	446	405	480	480	480	480	480	10,636
<b>Fund Appropriations/Allocations</b>									
Water Fund	7,385	446	405	480	480	480	480	480	10,636
<b>Total*:</b>	7,385	446	405	480	480	480	480	480	10,636
<b>O &amp; M Costs (Savings)</b>			106	106	106	106	106	106	638
<b>Spending Plan by Fund</b>									
Water Fund		660	405	480	480	480	480	480	3,465
<b>Total:</b>		660	405	480	480	480	480	480	3,465

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**2014 - 2019 Proposed Capital Improvement Program**

**Landsburg Chlorination Upgrades**

<b>BCL/Program Name:</b>	Water Quality & Treatment	<b>BCL/Program Code:</b>	C140B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	C1417	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	172	524	1,016	865	29	0	0	0	2,606
<b>Total:</b>	172	524	1,016	865	29	0	0	0	2,606
<b>Fund Appropriations/Allocations</b>									
Water Fund	172	524	1,016	865	29	0	0	0	2,606
<b>Total*:</b>	172	524	1,016	865	29	0	0	0	2,606
<b>O &amp; M Costs (Savings)</b>			26	26	26	26	26	26	156
<b>Spending Plan by Fund</b>									
Water Fund		266	1,016	865	29	0	0	0	2,177
<b>Total:</b>		266	1,016	865	29	0	0	0	2,177

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**2014 - 2019 Proposed Capital Improvement Program**

**Mercer Corridor Project East Phase - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C4114-WF	<b>End Date:</b>	Q4/2014
<b>Location:</b>	South Lake Union		
<b>Neighborhood Plan:</b>	South Lake Union	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	3,428	520	30	0	0	0	0	0	3,978
<b>Total:</b>	3,428	520	30	0	0	0	0	0	3,978
<b>Fund Appropriations/Allocations</b>									
Water Fund	3,428	520	30	0	0	0	0	0	3,978
<b>Total*:</b>	3,428	520	30	0	0	0	0	0	3,978
<b>O &amp; M Costs (Savings)</b>			40	40	40	40	40	40	239
<b>Spending Plan by Fund</b>									
Water Fund		300	30	0	0	0	0	0	330
<b>Total:</b>		300	30	0	0	0	0	0	330

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**2014 - 2019 Proposed Capital Improvement Program**

**Mercer Corridor Project West Phase - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2010
<b>Project ID:</b>	C4133-WF	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Mercer ST /Elliot AVE W/Dexter AVE N		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	T01, T02, T03, T11, T15
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	162	939	455	320	0	0	0	0	1,875
<b>Total:</b>	162	939	455	320	0	0	0	0	1,875
<b>Fund Appropriations/Allocations</b>									
Water Fund	162	939	455	320	0	0	0	0	1,875
<b>Total*:</b>	162	939	455	320	0	0	0	0	1,875
<b>O &amp; M Costs (Savings)</b>			19	19	19	19	19	19	112
<b>Spending Plan by Fund</b>									
Water Fund		675	455	320	0	0	0	0	1,449
<b>Total:</b>		675	455	320	0	0	0	0	1,449

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**2014 - 2019 Proposed Capital Improvement Program**



**Meter Replacement - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C4101-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	4,666	707	634	645	655	666	683	689	9,345
<b>Total:</b>	4,666	707	634	645	655	666	683	689	9,345
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,666	707	634	645	655	666	683	689	9,345
<b>Total*:</b>	4,666	707	634	645	655	666	683	689	9,345
<b>O &amp; M Costs (Savings)</b>			93	93	93	93	93	93	561

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**2014 - 2019 Proposed Capital Improvement Program**

**Morse Lake Pump Plant**

<b>BCL/Program Name:</b>	Water Resources	<b>BCL/Program Code:</b>	C150B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	C1508	<b>End Date:</b>	Q4/2017
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	12,639	3,800	1,372	7,119	18,788	6,846	0	0	50,563
<b>Total:</b>	12,639	3,800	1,372	7,119	18,788	6,846	0	0	50,563
<b>Fund Appropriations/Allocations</b>									
Water Fund	12,639	3,800	1,372	7,119	18,788	6,846	0	0	50,563
<b>Total*:</b>	12,639	3,800	1,372	7,119	18,788	6,846	0	0	50,563
<b>O &amp; M Costs (Savings)</b>			506	506	506	506	506	506	3,034
<b>Spending Plan by Fund</b>									
Water Fund		3,800	1,372	7,119	18,788	6,846	0	0	37,924
<b>Total:</b>		3,800	1,372	7,119	18,788	6,846	0	0	37,924

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**2014 - 2019 Proposed Capital Improvement Program**

**Multiple Utility Relocation**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C1133	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	5,114	2,136	1,839	541	552	563	574	586	11,904
<b>Total:</b>	5,114	2,136	1,839	541	552	563	574	586	11,904
<b>Fund Appropriations/Allocations</b>									
Water Fund	5,114	2,136	1,839	541	552	563	574	586	11,904
<b>Total*:</b>	5,114	2,136	1,839	541	552	563	574	586	11,904
<b>O &amp; M Costs (Savings)</b>			119	119	119	119	119	119	714
<b>Spending Plan by Fund</b>									
Water Fund		1,430	1,839	541	552	563	574	586	6,085
<b>Total:</b>		1,430	1,839	541	552	563	574	586	6,085

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**2014 - 2019 Proposed Capital Improvement Program**

**Operational Facility - Construction - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C4106-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	14,724	1,416	1,492	1,048	690	2,829	3,450	5,155	30,804
<b>Total:</b>	14,724	1,416	1,492	1,048	690	2,829	3,450	5,155	30,804
<b>Fund Appropriations/Allocations</b>									
Water Fund	14,724	1,416	1,492	1,048	690	2,829	3,450	5,155	30,804
<b>Total*:</b>	14,724	1,416	1,492	1,048	690	2,829	3,450	5,155	30,804
<b>O &amp; M Costs (Savings)</b>			308	308	308	308	308	308	1,848
<b>Spending Plan by Fund</b>									
Water Fund		1,571	1,492	1,048	690	2,829	3,450	5,155	16,235
<b>Total:</b>		1,571	1,492	1,048	690	2,829	3,450	5,155	16,235

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**2014 - 2019 Proposed Capital Improvement Program**

**Operational Facility - Other - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2006
<b>Project ID:</b>	C4115-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	973	276	256	300	300	0	0	0	2,105
<b>Total:</b>	973	276	256	300	300	0	0	0	2,105
<b>Fund Appropriations/Allocations</b>									
Water Fund	973	276	256	300	300	0	0	0	2,105
<b>Total*:</b>	973	276	256	300	300	0	0	0	2,105
<b>O &amp; M Costs (Savings)</b>			21	21	21	21	21	21	126
<b>Spending Plan by Fund</b>									
Water Fund		276	256	300	300	0	0	0	1,132
<b>Total:</b>		276	256	300	300	0	0	0	1,132

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Operations Control Center - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2003
<b>Project ID:</b>	C4105-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	2700 Airport Way S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	4,555	170	1,630	76	122	431	623	783	8,390
<b>Total:</b>	4,555	170	1,630	76	122	431	623	783	8,390
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,555	170	1,630	76	122	431	623	783	8,390
<b>Total*:</b>	4,555	170	1,630	76	122	431	623	783	8,390
<b>O &amp; M Costs (Savings)</b>			84	84	84	84	84	84	503
<b>Spending Plan by Fund</b>									
Water Fund		134	1,630	76	122	431	623	783	3,799
<b>Total:</b>		134	1,630	76	122	431	623	783	3,799

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Other Major Transportation Projects - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2008
<b>Project ID:</b>	C4123-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	36	290	265	54	105	50	300	500	1,601
<b>Total:</b>	36	290	265	54	105	50	300	500	1,601
<b>Fund Appropriations/Allocations</b>									
Water Fund	36	290	265	54	105	50	300	500	1,601
<b>Total*:</b>	36	290	265	54	105	50	300	500	1,601
<b>O &amp; M Costs (Savings)</b>			16	16	16	16	16	16	96
<b>Spending Plan by Fund</b>									
Water Fund		80	265	54	105	50	300	500	1,355
<b>Total:</b>		80	265	54	105	50	300	500	1,355

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Pump Station Improvements**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2008
<b>Project ID:</b>	C1135	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	233	200	250	541	552	563	574	586	3,499
<b>Total:</b>	233	200	250	541	552	563	574	586	3,499
<b>Fund Appropriations/Allocations</b>									
Water Fund	233	200	250	541	552	563	574	586	3,499
<b>Total*:</b>	233	200	250	541	552	563	574	586	3,499
<b>O &amp; M Costs (Savings)</b>			35	35	35	35	35	35	210
<b>Spending Plan by Fund</b>									
Water Fund		100	250	541	552	563	574	586	3,167
<b>Total:</b>		100	250	541	552	563	574	586	3,167

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**



**Purveyor Meters Replace - SPU**

<b>BCL/Program Name:</b>	Transmission	<b>BCL/Program Code:</b>	C120B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2000
<b>Project ID:</b>	C1206	<b>End Date:</b>	ONGOING
<b>Location:</b>	Regional		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	690	100	102	104	106	108	111	113	1,433
<b>Total:</b>	690	100	102	104	106	108	111	113	1,433
<b>Fund Appropriations/Allocations</b>									
Water Fund	690	100	102	104	106	108	111	113	1,433
<b>Total*:</b>	690	100	102	104	106	108	111	113	1,433
<b>O &amp; M Costs (Savings)</b>			14	14	14	14	14	14	86
<b>Spending Plan by Fund</b>									
Water Fund		200	102	104	106	108	111	113	844
<b>Total:</b>		200	102	104	106	108	111	113	844

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**2014 - 2019 Proposed Capital Improvement Program**

**Regional Facility - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C4107-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	3,713	3,321	6,515	5,781	4,418	2,200	2,825	3,425	32,197
<b>Total:</b>	3,713	3,321	6,515	5,781	4,418	2,200	2,825	3,425	32,197
<b>Fund Appropriations/Allocations</b>									
Water Fund	3,713	3,321	6,515	5,781	4,418	2,200	2,825	3,425	32,197
<b>Total*:</b>	3,713	3,321	6,515	5,781	4,418	2,200	2,825	3,425	32,197
<b>O &amp; M Costs (Savings)</b>			322	322	322	322	322	322	1,932
<b>Spending Plan by Fund</b>									
Water Fund		2,291	6,515	5,781	4,418	2,200	2,825	3,425	27,455
<b>Total:</b>		2,291	6,515	5,781	4,418	2,200	2,825	3,425	27,455

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**2014 - 2019 Proposed Capital Improvement Program**

**Regional Water Conservation Program**

<b>BCL/Program Name:</b>	Water Resources	<b>BCL/Program Code:</b>	C150B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/1999
<b>Project ID:</b>	C1504	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide Plus Wholesale		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	17,526	1,769	1,803	1,839	1,876	1,914	1,952	1,991	30,671
<b>Total:</b>	17,526	1,769	1,803	1,839	1,876	1,914	1,952	1,991	30,671
<b>Fund Appropriations/Allocations</b>									
Water Fund	17,526	1,769	1,803	1,839	1,876	1,914	1,952	1,991	30,671
<b>Total*:</b>	17,526	1,769	1,803	1,839	1,876	1,914	1,952	1,991	30,671
<b>O &amp; M Costs (Savings)</b>			307	307	307	307	307	307	1,840
<b>Spending Plan by Fund</b>									
Water Fund		1,768	1,803	1,839	1,876	1,914	1,952	1,991	13,144
<b>Total:</b>		1,768	1,803	1,839	1,876	1,914	1,952	1,991	13,144

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**2014 - 2019 Proposed Capital Improvement Program**

**Replace Air Valve Chambers**

<b>BCL/Program Name:</b>	Transmission	<b>BCL/Program Code:</b>	C120B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/1999
<b>Project ID:</b>	C1209	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project improves access to the chambers located throughout the transmission water system. The replacement and enlargement of the entrance to transmission chambers increase the safety for workers that need to enter the chambers twice per year.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	1,647	112	117	122	125	125	127	130	2,505
<b>Total:</b>	1,647	112	117	122	125	125	127	130	2,505
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,647	112	117	122	125	125	127	130	2,505
<b>Total*:</b>	1,647	112	117	122	125	125	127	130	2,505
<b>O &amp; M Costs (Savings)</b>			25	25	25	25	25	25	150

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**2014 - 2019 Proposed Capital Improvement Program**

**Reservoir Covering-Bitter Lake**

<b>BCL/Program Name:</b>	Water Quality & Treatment	<b>BCL/Program Code:</b>	C140B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2019
<b>Project ID:</b>	C1419	<b>End Date:</b>	Q4/2020
<b>Location:</b>	N 143rd St and Linden Ave N		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	Not in an Urban Village

This project addresses the need for a new cover on Bitter Lake Reservoir once the existing floating cover has reached the end of its useful life. Replacing the existing structure with a new hard covered structure within the same footprint will be one of the options considered. A new cover will be designed and constructed to improve and maintain the water quality protection and security enhancement functions of the existing cover.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	0	0	0	0	0	0	0	590	590
<b>Total:</b>	0	0	0	0	0	0	0	590	590
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	0	0	0	0	0	590	590
<b>Total*:</b>	0	0	0	0	0	0	0	590	590
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	6	6

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Reservoir Covering - Beacon**

<b>BCL/Program Name:</b>	Water Quality & Treatment	<b>BCL/Program Code:</b>	C140B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	C1408	<b>End Date:</b>	Q4/2016
<b>Location:</b>	S Spokane St/Beacon Ave S		
<b>Neighborhood Plan:</b>	North Beacon Hill	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	41,916	650	925	4,243	50	0	0	0	47,784
<b>Total:</b>	41,916	650	925	4,243	50	0	0	0	47,784
<b>Fund Appropriations/Allocations</b>									
Water Fund	41,916	650	925	4,243	50	0	0	0	47,784
<b>Total*:</b>	41,916	650	925	4,243	50	0	0	0	47,784
<b>O &amp; M Costs (Savings)</b>			478	478	478	478	478	478	2,867
<b>Spending Plan by Fund</b>									
Water Fund		650	925	4,243	50	0	0	0	5,868
<b>Total:</b>		650	925	4,243	50	0	0	0	5,868

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Reservoir Covering - Maple Leaf**

<b>BCL/Program Name:</b>	Water Quality & Treatment	<b>BCL/Program Code:</b>	C140B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2001
<b>Project ID:</b>	C1411	<b>End Date:</b>	Q2/2016
<b>Location:</b>	NE 86th St/Roosevelt Wy NE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	North	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	38,059	1,250	4,760	3,328	50	0	0	0	47,447
<b>Total:</b>	38,059	1,250	4,760	3,328	50	0	0	0	47,447
<b>Fund Appropriations/Allocations</b>									
Water Fund	38,059	1,250	4,760	3,328	50	0	0	0	47,447
<b>Total*:</b>	38,059	1,250	4,760	3,328	50	0	0	0	47,447
<b>O &amp; M Costs (Savings)</b>			474	474	474	474	474	474	2,847

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Reservoir Covering - Myrtle**

<b>BCL/Program Name:</b>	Water Quality & Treatment	<b>BCL/Program Code:</b>	C140B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2001
<b>Project ID:</b>	C1410	<b>End Date:</b>	Q4/2016
<b>Location:</b>	SW Myrtle St/35th Ave SW		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southwest	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	12,273	50	315	1,235	20	0	0	0	13,893
<b>Total:</b>	12,273	50	315	1,235	20	0	0	0	13,893
<b>Fund Appropriations/Allocations</b>									
Water Fund	12,273	50	315	1,235	20	0	0	0	13,893
<b>Total*:</b>	12,273	50	315	1,235	20	0	0	0	13,893
<b>O &amp; M Costs (Savings)</b>			139	139	139	139	139	139	834

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**



**Reservoir Covering - Volunteer**

<b>BCL/Program Name:</b>	Water Quality & Treatment	<b>BCL/Program Code:</b>	C140B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2001
<b>Project ID:</b>	C1407	<b>End Date:</b>	Q4/2013
<b>Location:</b>	E Prospect St./12th Ave. E		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	Capitol Hill

This project will either reconstruct the 20 million gallon concrete-lined reservoir in compliance with new state and federal regulations, or remove it from service and construct a bypass pipe system around the Reservoir. SPU will be taking the reservoir offline in 2013 to evaluate the impact to the water system. Pending the outcome of the evaluation, the reservoir will either be decommissioned or buried and SPU will seek appropriations for those costs when more information is available. Permanent action is not expected to occur until after Maple Leaf Reservoir is completed and the City has had an opportunity to take the Volunteer Reservoir off-line for a period of time to observe the water system's performance without it. Thus no spending is planned between 2014 and 2016. LTD expenditures in this project are related to preliminary engineering. This effort improves water quality and the security of the drinking water system and is part of the Reservoir burying program which was adopted by Ordinance 120899 in August 2002.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	97	20	0	0	0	0	0	0	117
<b>Total:</b>	97	20	0	0	0	0	0	0	117
<b>Fund Appropriations/Allocations</b>									
Water Fund	97	20	0	0	0	0	0	0	117
<b>Total*:</b>	97	20	0	0	0	0	0	0	117
<b>O &amp; M Costs (Savings)</b>			1	1	1	1	1	1	7
<b>Spending Plan by Fund</b>									
Water Fund		100	0	0	0	0	0	0	100
<b>Total:</b>		100	0	0	0	0	0	0	100

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Reservoir Covering - West Seattle**

<b>BCL/Program Name:</b>	Water Quality & Treatment	<b>BCL/Program Code:</b>	C140B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2001
<b>Project ID:</b>	C1409	<b>End Date:</b>	Q1/2015
<b>Location:</b>	SW Henderson St/8th Ave SW		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Delridge	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	33,644	750	4,020	50	0	0	0	0	38,464
<b>Total:</b>	33,644	750	4,020	50	0	0	0	0	38,464
<b>Fund Appropriations/Allocations</b>									
Water Fund	33,644	750	4,020	50	0	0	0	0	38,464
<b>Total*:</b>	33,644	750	4,020	50	0	0	0	0	38,464
<b>O &amp; M Costs (Savings)</b>			385	385	385	385	385	385	2,308

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Reservoir Covering-Lake Forest Park**

<b>BCL/Program Name:</b>	Water Quality & Treatment	<b>BCL/Program Code:</b>	C140B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2019
<b>Project ID:</b>	C1418	<b>End Date:</b>	Q4/2020
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Outside Seattle City	<b>Urban Village:</b>	Not in an Urban Village

This project addresses the need for a new cover on Lake Forest Park Reservoir once it has reached the end of its useful life. The project will evaluate options for a new cover, including replacing the existing floating Hypolan cover with a similar design. A new cover will be designed and constructed to maintain and improve the water quality protection and security enhancement functions of the existing cover.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	0	0	0	0	0	0	0	590	590
<b>Total:</b>	0	0	0	0	0	0	0	590	590
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	0	0	0	0	0	590	590
<b>Total*:</b>	0	0	0	0	0	0	0	590	590
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	6	6

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Seattle Direct Service Additional Conservation**

<b>BCL/Program Name:</b>	Water Resources	<b>BCL/Program Code:</b>	C150B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	C1505	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide & Direct Service		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	5,724	676	690	704	718	732	747	762	10,751
<b>Total:</b>	5,724	676	690	704	718	732	747	762	10,751
<b>Fund Appropriations/Allocations</b>									
Water Fund	5,724	676	690	704	718	732	747	762	10,751
<b>Total*:</b>	5,724	676	690	704	718	732	747	762	10,751
<b>O &amp; M Costs (Savings)</b>			108	108	108	108	108	108	645

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Security Improvements - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	C4113-WF	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	6,228	2,000	1,713	2,038	1,788	1,763	1,771	1,731	19,031
<b>Total:</b>	6,228	2,000	1,713	2,038	1,788	1,763	1,771	1,731	19,031
<b>Fund Appropriations/Allocations</b>									
Water Fund	6,228	2,000	1,713	2,038	1,788	1,763	1,771	1,731	19,031
<b>Total*:</b>	6,228	2,000	1,713	2,038	1,788	1,763	1,771	1,731	19,031
<b>O &amp; M Costs (Savings)</b>			190	190	190	190	190	190	1,142
<b>Spending Plan by Fund</b>									
Water Fund		2,000	1,713	2,038	1,788	1,763	1,771	1,731	12,803
<b>Total:</b>		2,000	1,713	2,038	1,788	1,763	1,771	1,731	12,803

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Sound Transit - North Link - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	C4135-WF	<b>End Date:</b>	Q4/2020
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	58	87	300	125	100	100	75	75	920
<b>Total:</b>	58	87	300	125	100	100	75	75	920
<b>Fund Appropriations/Allocations</b>									
Water Fund	58	87	300	125	100	100	75	75	920
<b>Total*:</b>	58	87	300	125	100	100	75	75	920
<b>O &amp; M Costs (Savings)</b>			9	9	9	9	9	9	55

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Sound Transit - Water Betterment**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	C4125	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Central & South areas of Seattle		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	1,502	0	50	50	0	0	0	0	1,602
<b>Total:</b>	1,502	0	50	50	0	0	0	0	1,602
<b>Fund Appropriations/Allocations</b>									
Water Fund	1,502	0	50	50	0	0	0	0	1,602
<b>Total*:</b>	1,502	0	50	50	0	0	0	0	1,602
<b>O &amp; M Costs (Savings)</b>			16	16	16	16	16	16	96

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Sound Transit – University Link - WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C4110-WF	<b>End Date:</b>	Q2/2016
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	In more than one Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	329	202	137	41	10	0	0	0	719
<b>Total:</b>	329	202	137	41	10	0	0	0	719
<b>Fund Appropriations/Allocations</b>									
Water Fund	329	202	137	41	10	0	0	0	719
<b>Total*:</b>	329	202	137	41	10	0	0	0	719
<b>O &amp; M Costs (Savings)</b>			7	7	7	7	7	7	43
<b>Spending Plan by Fund</b>									
Water Fund		202	137	41	10	0	0	0	390
<b>Total:</b>		202	137	41	10	0	0	0	390

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**



**Sound Transit-East Link**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/2013
<b>Project ID:</b>	C4122-WF	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	0	0	40	15	0	0	0	0	55
<b>Total:</b>	0	0	40	15	0	0	0	0	55
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	40	15	0	0	0	0	55
<b>Total*:</b>	0	0	40	15	0	0	0	0	55
<b>O &amp; M Costs (Savings)</b>			1	1	1	1	1	1	3

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**2014 - 2019 Proposed Capital Improvement Program**

**Stream & Riparian Restoration**

<b>BCL/Program Name:</b>	Habitat Conservation Program	<b>BCL/Program Code:</b>	C160B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2000
<b>Project ID:</b>	C1602	<b>End Date:</b>	ONGOING
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	7,232	383	394	395	397	292	292	292	9,678
<b>Total:</b>	7,232	383	394	395	397	292	292	292	9,678
<b>Fund Appropriations/Allocations</b>									
Water Fund	7,232	383	394	395	397	292	292	292	9,678
<b>Total*:</b>	7,232	383	394	395	397	292	292	292	9,678
<b>O &amp; M Costs (Savings)</b>			97	97	97	97	97	97	581
<b>Spending Plan by Fund</b>									
Water Fund		377	394	395	397	292	292	292	2,440
<b>Total:</b>		377	394	395	397	292	292	292	2,440

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**2014 - 2019 Proposed Capital Improvement Program**

**Tank Improvements**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	C1134	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	4,161	120	0	500	2,500	0	0	500	7,781
<b>Total:</b>	4,161	120	0	500	2,500	0	0	500	7,781
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,161	120	0	500	2,500	0	0	500	7,781
<b>Total*:</b>	4,161	120	0	500	2,500	0	0	500	7,781
<b>O &amp; M Costs (Savings)</b>			78	78	78	78	78	78	467
<b>Spending Plan by Fund</b>									
Water Fund		135	0	500	2,500	0	0	500	3,635
<b>Total:</b>		135	0	500	2,500	0	0	500	3,635

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**2014 - 2019 Proposed Capital Improvement Program**

**Tolt Bridges**

<b>BCL/Program Name:</b>	Watershed Stewardship	<b>BCL/Program Code:</b>	C130B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C1308	<b>End Date:</b>	ONGOING
<b>Location:</b>	Tolt River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	0	1	0	0	450	450	0	0	901
<b>Total:</b>	0	1	0	0	450	450	0	0	901
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	1	0	0	450	450	0	0	901
<b>Total*:</b>	0	1	0	0	450	450	0	0	901
<b>O &amp; M Costs (Savings)</b>			9	9	9	9	9	9	54
<b>Spending Plan by Fund</b>									
Water Fund		0	0	0	450	450	0	0	900
<b>Total:</b>		0	0	0	450	450	0	0	900

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Tolt Watershed Restoration**

<b>BCL/Program Name:</b>	Watershed Stewardship	<b>BCL/Program Code:</b>	C130B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	C1310	<b>End Date:</b>	Q4/2020
<b>Location:</b>	Tolt River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	288	28	6	5	0	0	0	0	327
<b>Total:</b>	288	28	6	5	0	0	0	0	327
<b>Fund Appropriations/Allocations</b>									
Water Fund	288	28	6	5	0	0	0	0	327
<b>Total*:</b>	288	28	6	5	0	0	0	0	327
<b>O &amp; M Costs (Savings)</b>			3	3	3	3	3	3	20
<b>Spending Plan by Fund</b>									
Water Fund		29	6	5	0	0	0	0	40
<b>Total:</b>		29	6	5	0	0	0	0	40

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Transmission Pipelines Rehabilitation**

<b>BCL/Program Name:</b>	Transmission	<b>BCL/Program Code:</b>	C120B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	C1207	<b>End Date:</b>	ONGOING
<b>Location:</b>	Regional		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	2,963	1,040	1,376	3,457	1,404	1,276	1,299	1,322	14,137
<b>Total:</b>	2,963	1,040	1,376	3,457	1,404	1,276	1,299	1,322	14,137
<b>Fund Appropriations/Allocations</b>									
Water Fund	2,963	1,040	1,376	3,457	1,404	1,276	1,299	1,322	14,137
<b>Total*:</b>	2,963	1,040	1,376	3,457	1,404	1,276	1,299	1,322	14,137
<b>O &amp; M Costs (Savings)</b>			141	141	141	141	141	141	848
<b>Spending Plan by Fund</b>									
Water Fund		450	1,376	3,457	1,404	1,276	1,299	1,322	10,584
<b>Total:</b>		450	1,376	3,457	1,404	1,276	1,299	1,322	10,584

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**2014 - 2019 Proposed Capital Improvement Program**

**Transmission Right-of-Way Improvements**

<b>BCL/Program Name:</b>	Watershed Stewardship	<b>BCL/Program Code:</b>	C130B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	C1316	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	1	70	20	0	0	0	0	0	91
<b>Total:</b>	1	70	20	0	0	0	0	0	91
<b>Fund Appropriations/Allocations</b>									
Water Fund	1	70	20	0	0	0	0	0	91
<b>Total*:</b>	1	70	20	0	0	0	0	0	91
<b>O &amp; M Costs (Savings)</b>			1	1	1	1	1	1	5

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Treatment Facility/Water Quality Improvements**

<b>BCL/Program Name:</b>	Water Quality & Treatment	<b>BCL/Program Code:</b>	C140B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C1413	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	186	30	100	100	100	100	100	100	816
<b>Total:</b>	186	30	100	100	100	100	100	100	816
<b>Fund Appropriations/Allocations</b>									
Water Fund	186	30	100	100	100	100	100	100	816
<b>Total*:</b>	186	30	100	100	100	100	100	100	816
<b>O &amp; M Costs (Savings)</b>			8	8	8	8	8	8	49
<b>Spending Plan by Fund</b>									
Water Fund		30	100	100	100	100	100	100	630
<b>Total:</b>		30	100	100	100	100	100	100	630

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**



**Upland Reserve Forest Restoration**

<b>BCL/Program Name:</b>	Habitat Conservation Program	<b>BCL/Program Code:</b>	C160B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2000
<b>Project ID:</b>	C1603	<b>End Date:</b>	ONGOING
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	6,850	530	283	188	192	132	135	115	8,425
<b>Total:</b>	6,850	530	283	188	192	132	135	115	8,425
<b>Fund Appropriations/Allocations</b>									
Water Fund	6,850	530	283	188	192	132	135	115	8,425
<b>Total*:</b>	6,850	530	283	188	192	132	135	115	8,425
<b>O &amp; M Costs (Savings)</b>			84	84	84	84	84	84	505
<b>Spending Plan by Fund</b>									
Water Fund		520	283	188	192	132	135	115	1,565
<b>Total:</b>		520	283	188	192	132	135	115	1,565

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Water Infrastructure - Distribution System Modifications**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	C1138	<b>End Date:</b>	ONGOING
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	0	200	200	200	200	200	200	200	1,400
<b>Total:</b>	0	200	200	200	200	200	200	200	1,400
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	200	200	200	200	200	200	200	1,400
<b>Total*:</b>	0	200	200	200	200	200	200	200	1,400
<b>O &amp; M Costs (Savings)</b>			14	14	14	14	14	14	84

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

**2014 - 2019 Proposed Capital Improvement Program**

**Water Infrastructure - Hydrant Replacement/Relocation**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q4/1998
<b>Project ID:</b>	C1110	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	4,667	364	371	379	386	394	402	410	7,374
<b>Total:</b>	4,667	364	371	379	386	394	402	410	7,374
<b>Fund Appropriations/Allocations</b>									
Water Fund	4,667	364	371	379	386	394	402	410	7,374
<b>Total*:</b>	4,667	364	371	379	386	394	402	410	7,374
<b>O &amp; M Costs (Savings)</b>			74	74	74	74	74	74	442
<b>Spending Plan by Fund</b>									
Water Fund		150	371	379	386	394	402	410	2,493
<b>Total:</b>		150	371	379	386	394	402	410	2,493

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**2014 - 2019 Proposed Capital Improvement Program**

**Water Infrastructure - New Hydrants**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q2/1999
<b>Project ID:</b>	C1112	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	514	104	106	108	110	113	115	117	1,287
<b>Total:</b>	514	104	106	108	110	113	115	117	1,287
<b>Fund Appropriations/Allocations</b>									
Water Fund	514	104	106	108	110	113	115	117	1,287
<b>Total*:</b>	514	104	106	108	110	113	115	117	1,287
<b>O &amp; M Costs (Savings)</b>			13	13	13	13	13	13	77
<b>Spending Plan by Fund</b>									
Water Fund		50	106	108	110	113	115	117	719
<b>Total:</b>		50	106	108	110	113	115	117	719

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**2014 - 2019 Proposed Capital Improvement Program**

**Water Infrastructure - New Taps**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q4/1998
<b>Project ID:</b>	C1113	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	94,646	5,000	4,900	5,000	5,100	5,200	5,300	5,406	130,552
<b>Total:</b>	94,646	5,000	4,900	5,000	5,100	5,200	5,300	5,406	130,552
<b>Fund Appropriations/Allocations</b>									
Water Fund	94,646	5,000	4,900	5,000	5,100	5,200	5,300	5,406	130,552
<b>Total*:</b>	94,646	5,000	4,900	5,000	5,100	5,200	5,300	5,406	130,552
<b>O &amp; M Costs (Savings)</b>			1,306	1,306	1,306	1,306	1,306	1,306	7,833

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**2014 - 2019 Proposed Capital Improvement Program**

**Water Infrastructure - Service Renewal**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q4/1998
<b>Project ID:</b>	C1109	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	96,458	5,722	5,837	5,953	6,072	6,194	6,318	6,444	138,998
<b>Total:</b>	96,458	5,722	5,837	5,953	6,072	6,194	6,318	6,444	138,998
<b>Fund Appropriations/Allocations</b>									
Water Fund	96,458	5,722	5,837	5,953	6,072	6,194	6,318	6,444	138,998
<b>Total*:</b>	96,458	5,722	5,837	5,953	6,072	6,194	6,318	6,444	138,998
<b>O &amp; M Costs (Savings)</b>			1,390	1,390	1,390	1,390	1,390	1,390	8,340
<b>Spending Plan by Fund</b>									
Water Fund		5,722	5,837	5,953	6,072	6,194	6,318	6,444	42,540
<b>Total:</b>		5,722	5,837	5,953	6,072	6,194	6,318	6,444	42,540

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**2014 - 2019 Proposed Capital Improvement Program**

**Water Infrastructure - Watermain Extensions**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/1998
<b>Project ID:</b>	C1111	<b>End Date:</b>	ONGOING
<b>Location:</b>	Citywide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	12,861	800	796	812	828	845	862	1,000	18,803
<b>Total:</b>	12,861	800	796	812	828	845	862	1,000	18,803
<b>Fund Appropriations/Allocations</b>									
Water Fund	12,861	800	796	812	828	845	862	1,000	18,803
<b>Total*:</b>	12,861	800	796	812	828	845	862	1,000	18,803
<b>O &amp; M Costs (Savings)</b>			188	188	188	188	188	188	1,128
<b>Spending Plan by Fund</b>									
Water Fund		500	796	812	828	845	862	1,000	5,643
<b>Total:</b>		500	796	812	828	845	862	1,000	5,643

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**2014 - 2019 Proposed Capital Improvement Program**

**Water Quality Equipment**

<b>BCL/Program Name:</b>	Water Quality & Treatment	<b>BCL/Program Code:</b>	C140B
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C1414	<b>End Date:</b>	Q4/2015
<b>Location:</b>	Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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 detect 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	249	140	143	1	0	0	0	0	533
<b>Total:</b>	249	140	143	1	0	0	0	0	533
<b>Fund Appropriations/Allocations</b>									
Water Fund	249	140	143	1	0	0	0	0	533
<b>Total*:</b>	249	140	143	1	0	0	0	0	533
<b>O &amp; M Costs (Savings)</b>			5	5	5	5	5	5	32

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**2014 - 2019 Proposed Capital Improvement Program**



**Water Supply Flexibility Program**

<b>BCL/Program Name:</b>	Water Resources	<b>BCL/Program Code:</b>	C150B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	C1507	<b>End Date:</b>	Q4/2016
<b>Location:</b>	Multiple		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	333	669	200	1,480	2,052	0	0	0	4,735
<b>Total:</b>	333	669	200	1,480	2,052	0	0	0	4,735
<b>Fund Appropriations/Allocations</b>									
Water Fund	333	669	200	1,480	2,052	0	0	0	4,735
<b>Total*:</b>	333	669	200	1,480	2,052	0	0	0	4,735
<b>O &amp; M Costs (Savings)</b>			47	47	47	47	47	47	284
<b>Spending Plan by Fund</b>									
Water Fund		469	200	1,480	2,052	0	0	0	4,201
<b>Total:</b>		469	200	1,480	2,052	0	0	0	4,201

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**2014 - 2019 Proposed Capital Improvement Program**

**Water System Dewatering**

<b>BCL/Program Name:</b>	Transmission	<b>BCL/Program Code:</b>	C120B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	C1205	<b>End Date:</b>	ONGOING
<b>Location:</b>	Regional		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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.

	<b>LTD Actuals</b>	<b>2013 Rev</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Revenue Sources</b>									
Water Rates	179	100	102	104	106	108	111	113	922
<b>Total:</b>	179	100	102	104	106	108	111	113	922
<b>Fund Appropriations/Allocations</b>									
Water Fund	179	100	102	104	106	108	111	113	922
<b>Total*:</b>	179	100	102	104	106	108	111	113	922
<b>O &amp; M Costs (Savings)</b>			9	9	9	9	9	9	55

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**2014 - 2019 Proposed Capital Improvement Program**

**Water System Plan - 2019**

<b>BCL/Program Name:</b>	Water Resources	<b>BCL/Program Code:</b>	C150B
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2016
<b>Project ID:</b>	C1510	<b>End Date:</b>	Q4/2019
<b>Location:</b>	N/A		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project develops the 2019 Water System Plan. This project meets the State requirement that SPU update a water system plan every six years and submit the plan to the Washington Department of Health (DOH) for approval as a condition of the operating permit for the drinking water system.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	0	0	0	0	110	541	454	59	1,164
<b>Total:</b>	0	0	0	0	110	541	454	59	1,164
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	0	0	110	541	454	59	1,164
<b>Total*:</b>	0	0	0	0	110	541	454	59	1,164
<b>O &amp; M Costs (Savings)</b>			12	12	12	12	12	12	70

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**2014 - 2019 Proposed Capital Improvement Program**

**Watermain Rehabilitation**

<b>BCL/Program Name:</b>	Distribution	<b>BCL/Program Code:</b>	C110B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	C1129	<b>End Date:</b>	ONGOING
<b>Location:</b>	Regional		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	5,649	3,866	4,426	3,264	3,313	3,379	5,509	5,750	35,156
<b>Total:</b>	5,649	3,866	4,426	3,264	3,313	3,379	5,509	5,750	35,156
<b>Fund Appropriations/Allocations</b>									
Water Fund	5,649	3,866	4,426	3,264	3,313	3,379	5,509	5,750	35,156
<b>Total*:</b>	5,649	3,866	4,426	3,264	3,313	3,379	5,509	5,750	35,156
<b>O &amp; M Costs (Savings)</b>			352	352	352	352	352	352	2,109
<b>Spending Plan by Fund</b>									
Water Fund		2,033	4,426	3,264	3,313	3,379	5,509	5,750	27,675
<b>Total:</b>		2,033	4,426	3,264	3,313	3,379	5,509	5,750	27,675

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**2014 - 2019 Proposed Capital Improvement Program**

**Watershed Road Improvement/Decommissioning**

<b>BCL/Program Name:</b>	Habitat Conservation Program	<b>BCL/Program Code:</b>	C160B
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2001
<b>Project ID:</b>	C1601	<b>End Date:</b>	ONGOING
<b>Location:</b>	Cedar River Watershed		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	11,170	984	1,004	1,023	1,044	1,066	1,087	1,108	18,486
<b>Total:</b>	11,170	984	1,004	1,023	1,044	1,066	1,087	1,108	18,486
<b>Fund Appropriations/Allocations</b>									
Water Fund	11,170	984	1,004	1,023	1,044	1,066	1,087	1,108	18,486
<b>Total*:</b>	11,170	984	1,004	1,023	1,044	1,066	1,087	1,108	18,486
<b>O &amp; M Costs (Savings)</b>			185	185	185	185	185	185	1,109
<b>Spending Plan by Fund</b>									
Water Fund		975	1,004	1,023	1,044	1,066	1,087	1,108	7,307
<b>Total:</b>		975	1,004	1,023	1,044	1,066	1,087	1,108	7,307

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**2014 - 2019 Proposed Capital Improvement Program**

**Yesler Terrace-WF**

<b>BCL/Program Name:</b>	Shared Cost Projects	<b>BCL/Program Code:</b>	C410B
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	C4136-WF	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Yesler and Broadway		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Central	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Water Rates	0	0	200	0	0	0	0	0	200
<b>Total:</b>	0	0	200	0	0	0	0	0	200
<b>Fund Appropriations/Allocations</b>									
Water Fund	0	0	200	0	0	0	0	0	200
<b>Total*:</b>	0	0	200	0	0	0	0	0	200
<b>O &amp; M Costs (Savings)</b>			2	2	2	2	2	2	12

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**2014 - 2019 Proposed Capital Improvement Program**

# **Finance and Administrative Services**





### Overview

The Finance and Administrative Services (FAS) Capital Improvement Program (CIP) is the department's blueprint for planning, replacing, maintaining, enhancing, and upgrading FAS-owned and operated general government facilities, owned/leased community-based facilities, and the City's enterprise applications such as the financial management (Summit) and payroll/human resources information (HRIS) technology applications. 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 capital improvement program includes appropriations for both ongoing maintenance programs and projects with a short duration. The 2014-2019 Proposed CIP shows out-year appropriations for ongoing programs where the need is expected to persist for years based on asset management requirements in the more than 100 buildings owned and managed by FAS. Short-term programs and miscellaneous projects are not shown in out years because funding commitments for these types of improvements are typically made on a biennial basis.

### 2014-2019 CIP

The 2014 CIP includes approximately \$10.5 million in appropriations for ongoing FAS projects and \$39.1 million in appropriations for short-term projects. Some highlights of ongoing programs include:

- **Americans with Disabilities Act (ADA) – Citywide & FAS** – In 2014 FAS continues 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 \$3.6 million for specific ADA improvements among the four implementing departments: Parks and Recreation, Seattle Center, Seattle Public Library, and FAS.

Based on this process, FAS will make ADA improvements at several buildings with public access, including the Seattle Justice Center, City Hall, Police Facilities and Seattle Municipal Tower in 2014. FAS will also hire a technical consultant to standardize acceptable ranges for departments to use for differences between current conditions at existing facilities and ADA compliant standards.

- **Asset Preservation** – Through the Asset Preservation Program, FAS seeks to preserve and extend the useful life and operational capacity of existing facilities using facility space rent charges paid by City departments. Some examples of projects planned for 2014 include:
  - SMT Weatherization Program;
  - Generator upgrades at shops and yards maintenance facilities;
  - Energy efficient lighting upgrades;
  - HVAC and other building system modifications;
  - East Precinct deck waterproofing and ramp repairs; and,
  - Building performance verifications and modifications in fire and police facilities.
- **Customer Requested Tenant Improvements** – This ongoing program provides a mechanism for City department tenants to fund new construction, improvements, additions and expansions to their space in FAS and utility-owned facilities. Examples include tenant space remodels, security system upgrades and equipment replacement. These FAS appropriations serve as a pass-through to the departments that pay for these projects with their capital and/or operating funds.

- **Maintenance Shops and Yards** – This ongoing program includes multiple projects that preserve, modernize and enhance the operational, functional and physical capacity of FAS-owned maintenance shops and yards. In 2014, FAS will finish maintenance work and energy efficiency improvements to the Airport Way Center – Building A.
- **Garden of Remembrance** – This project funds certain capital costs for the memorial located at Benaroya Hall. This project pays for major maintenance and replaces garden installations, including irrigation equipment, landscaping, electrical/lighting fixtures, and mechanical water features.

Some short-term project highlights include:

- **Critical Infrastructure Upgrades** - In conjunction with the Department of Information Technology's work to develop the next generation data center, FAS completed an infrastructure study to assess the redundant electrical capacity needs of City facilities. The study determined that the Seattle Municipal Tower, the Emergency Operations Center and the West Precinct required electrical upgrades in 2014, as follows:
  - **Seattle Municipal Tower (SMT)** - FAS is replacing a portion of the electrical system in SMT that supplies power to the City's Data Center and other critical loads within the building. This system is at the end of its lifecycle and in need of replacement. This work must be completed before the existing data center moves out of the 26th floor of SMT to allow the building's critical loads to have a continuous power supply.
  - **Emergency Operations Center (EOC) and West Precinct** – FAS is increasing the cooling and electrical capacity at the EOC and installing an alternate power system at the West Precinct. This work is necessary to allow system functionality during regular maintenance on the electrical systems and to ensure continuous operations of these facilities in emergency situations.
- **Energy Efficiency for Municipal Buildings** – This project funds work by the Office of Sustainability and Environment's (OSE) to reduce energy use in City facilities in support of the City's goal to achieve a 20% reduction in building energy use by 2020. OSE will conduct planning work to identify and implement energy reduction opportunities and energy efficient improvement projects. The work is part of a Citywide Resource Conservation Initiative coordinated by OSE to improve the energy efficiency of City facilities.
- **Facility Projects Planning** – This program allows FAS to conduct early planning, feasibility studies, preliminary design and cost estimates in support of several public safety projects to be considered for future funding.
- **Fire Facilities and Emergency Response Levy Program** – The 2003 Fire Facilities and Emergency Response Levy Program (FFERP) is a 9-year \$167 million property tax levy that voters approved in November 2003. FAS uses levy proceeds to:
  - Upgrade or replace fire stations and other fire facilities;
  - Construct a new emergency operations center and fire alarm center;
  - Build new fireboats; and,
  - Renovate the Chief Seattle fireboat.

In 2014, FAS will continue with the construction of 11 neighborhood fire stations and begin or continue design on five additional stations. Completed levy projects, including the construction of the new Emergency Operations Center, Joint Training Facility and several neighborhood fire stations, are no longer shown in the CIP.

## 2014-2019 Proposed Capital Improvement Plan

- **Fire Station 5 Relocation and Renovation** – Two multi-year projects are proposed for the Fire Station 5 in 2014. The Fire Station 5 Relocation project relocates the Engine 4 marine crew and the Engine 5 land crew to temporary facilities during the City’s pier restructuring and Seawall construction. The Fire Station 5 Renovation project will seismically upgrade and renovate the station at the downtown waterfront.
- **North Precinct** –This project continues the land acquisition process for a new North Precinct facility for the Seattle Police Department in 2014. In addition, the architecture and engineering design team continues work on the design phase. Conceptual planning considers replacing the existing facility with a new 60,000 square foot facility at a different location.
- **Public Safety Facilities - Police Harbor Patrol Bulkhead and HVAC and East Precinct** – Two projects are funded at the Harbor Patrol Building, and one project is funded at the East Precinct. The Police Harbor Patrol Bulkhead project designs a new bulkhead to replace the existing, failing bulkhead at the Harbor Patrol Building. Design is funded in 2014 and permitting and construction will be completed in 2015. The Harbor Patrol remediation project removes lead paint and asbestos insulation in the facility’s attic. Security and telecommunication upgrades are planned at the new East Precinct parking lot.
- **Summit Upgrade** – This is a multi-year technology project to upgrade the City's financial management system (Summit) in conjunction with FAS’ Citywide Financial Management and Accountability Program (FinMAP). These projects will improve reporting and access to information for decision makers across the City and create simplified regulatory reporting and financial oversight. The project staff added in the 2014 Proposed Budget will work with departments to begin the process of standardizing the accounting practices and use of the Summit system.

## Summary of Upcoming Budget Issues and Challenges

The principal CIP budget issues faced by FAS continue to involve the age and condition of many City 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, raises \$4 million in space rent each year for the purpose of building system 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 that they risk shutting down a building, and to address serious regulatory compliance or life/safety conditions. This \$4 million funding level, endorsed by Resolution 30812, is lower than that recommended by independent consultants at the beginning of the program in 2005 and deferred major maintenance backlogs continue to grow.
- **Expanding Needs**  
FAS facilities are occupied by a wide variety of different City departments, from Police and Fire to the Seattle Department of Transportation, Seattle Public Utilities and private tenants (i.e., Washington State Patrol, private business firms). City departments’ operations grow with increased population and development, more restrictive regulations, new initiatives, and department reorganizations. As departments contract and expand, FAS works to propose facility modernization, space operational maximization, and facility additions or new expansions, as appropriate. Initiatives, such as the Seawall, may cause a department’s space needs to expand, which in turn drives a demand for space, remodeling, etc. The North Precinct police station replacement project is another example of this

### 2014-2019 Proposed Capital Improvement Plan

kind of work. In response to workload, staffing has increased substantially, exceeding the capacity of the current building. The seismic upgrade and modernization of the Fire Station 5 is an example of an operational modernization need and an owner building maintenance/regulatory compliance condition.

- **Business Technology Information Technology Systems**

FAS develops, implements and maintains technology that supports most of the City's enterprise business activities, including financial management, budget planning, treasury, payroll, human resource information management, purchasing, licensing, tax management and benefits administration. Several major technology systems require either upgrades or replacement.

## **Thematic Priorities**

FAS' CIP addresses the following priorities:

- 1) **Investments that Create or Enhance Operational Efficiencies/Effectiveness**

FAS is responsible for the operation and maintenance of approximately 3.2 million square feet of building space throughout the city, including the City's 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 enterprises 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.

- 2) **Asset Preservation**

As authorized in Ordinance 121642, FAS has a dedicated \$4 million in annual funding to support replacement of existing building systems, guided by strict policies to ensure the funds are used exclusively to upgrade, and/or replace failing and existing components, such as roofs, windows, structures, electrical capacity, boilers or other systems when they have reached the end of their useful lives. FAS must also maintain the City's enterprise technology systems.

- 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 goals, such as "20 by 20" and the "2030 Challenge," by funding projects which 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**

Projects intended to ensure continuity of service at facilities that provide emergency or other essential services receive high priority, for example, 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.

- 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 alteration is made in the course of upgrading or modernizing an existing building. Another example is addressing facility improvements required by the Americans with Disabilities Act, 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 fall into two categories: projects that create and/or enhance operational effectiveness or asset preservation projects.

Facilities-related projects that **create and/or enhance operational effectiveness** are solicited from FAS' tenant departments on an annual basis and 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 for the City to consider in the course of planning the City's Capital Improvement Program priorities. Information technology-related projects are developed by FAS staff with input from customers and the Department of Information Technology's Enterprise Applications Board.

**Asset preservation - facility projects** are compiled from a rolling list of urgent and high-priority building deficiencies, a facilities maintenance backlog list of projects and from an annually updated asset management project list usually comprised of recommendations resulting from building condition assessments, energy audits, performance metrics and other preliminary engineering infrastructure 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 relies on the expertise of its technology, maintenance, operations and capital development staff to review and vet facility and technology project lists, keeping these criteria in mind:

- Continuity of essential services;
- Preserving the long-term use of the building/technology;
- Meeting regulatory requirements;
- Responsiveness to life/safety concerns;
- Compatibility and synergy with other planned projects; and
- Capacity to reduce demand for routine maintenance service and generate resulting dollar savings.

## Future Projects/What is on the Horizon

FAS staff will continue to work with their 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. Challenges include the need to address the City's data center infrastructure, the major maintenance program on the City's 23-year old, 62-story Seattle Municipal Tower, and the continued aging of the City's facilities and information technology systems.

## **Anticipated Operating Expenses Associated with Capital Facilities Projects**

The 2014 Proposed Budget reflects changes in operating and maintenance costs for expanded and new facilities coming on-line in 2014. New and substantially renovated facilities (such as fire stations) are expected to be more efficient per square foot to operate and maintain than similar older facilities, asset preservation projects are generally anticipated to have minimal impact on operating and maintenance costs, although in some instances they may lower or increase operating costs. In the case of fire station projects, projected changes in operating costs capture the impacts on both FAS and the Fire Department's operating budgets.

## Finance and Administrative Services

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
<b>ADA Improvements - FAS</b>									<b>BCL/Program Code: A1ADA</b>
ADA Improvements - FAS (A1GM901)	382	67	0	0	0	0	0	0	449
ADA Improvements - FAS (A1ADA01)	0	626	672	0	0	0	0	0	1,298
<b>ADA Improvements - FAS</b>	382	693	672	0	0	0	0	0	1,747
<b>Asset Preservation - Civic Core</b>									<b>BCL/Program Code: A1AP1</b>
Asset Preservation - Civic Center (A1AP101)	2,481	3,257	750	750	750	750	750	750	10,238
<b>Asset Preservation - Civic Core</b>	2,481	3,257	750	750	750	750	750	750	10,238
<b>Asset Preservation - Public Safety Facilities</b>									<b>BCL/Program Code: A1AP6</b>
Asset Preservation - Public Safety Facilities (A1AP601)	4,595	1,910	600	600	600	600	600	600	10,105
<b>Asset Preservation - Public Safety Facilities</b>	4,595	1,910	600	600	600	600	600	600	10,105
<b>Asset Preservation - Seattle Municipal Tower</b>									<b>BCL/Program Code: A1AP2</b>
Asset Preservation - Seattle Municipal Tower (A1AP201)	15,322	3,580	1,770	1,770	1,770	1,770	1,770	1,770	29,522
<b>Asset Preservation - Seattle Municipal Tower</b>	15,322	3,580	1,770	1,770	1,770	1,770	1,770	1,770	29,522
<b>Asset Preservation - Shops and Yards</b>									<b>BCL/Program Code: A1AP4</b>
Asset Preservation - Shops and Yards (A1AP401)	2,500	1,661	600	600	600	600	600	600	7,760
<b>Asset Preservation - Shops and Yards</b>	2,500	1,661	600	600	600	600	600	600	7,760
<b>Civic Square</b>									<b>BCL/Program Code: A1GM5</b>
Civic Square (A1GM501)	228	1,014	0	0	0	0	0	0	1,242
<b>Civic Square</b>	228	1,014	0	0	0	0	0	0	1,242
<b>FAS Oversight - External Projects</b>									<b>BCL/Program Code: A1EXT</b>
Energy Efficiency for Municipal Buildings (A1EXT02)	0	0	250	0	0	0	0	0	250
Video Mobile Data Terminals (A1EXT01)	0	4,479	0	0	0	0	0	0	4,479
<b>FAS Oversight - External Projects</b>	0	4,479	250	0	0	0	0	0	4,729
<b>Fire Stations - Land Acquisition</b>									<b>BCL/Program Code: A1FL101</b>
Fire Stations - Land Acquisition (A1FL101)	22,321	225	0	800	0	0	0	0	23,346

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
<b>Fire Stations - Land Acquisition</b>	22,321	225	0	800	0	0	0	0	23,346
<b>Garden of Remembrance</b>									<b>BCL/Program Code: A51647</b>
Garden of Remembrance (A11452)	278	24	25	26	27	28	29	0	437
<b>Garden of Remembrance</b>	278	24	25	26	27	28	29	0	437
<b>General Government Facilities - Community-Based</b>									<b>BCL/Program Code: A1GM2</b>
MOB Repairs (A1GM207)	0	312	0	0	0	0	0	0	312
<b>General Government Facilities - Community-Based</b>	0	312	0	0	0	0	0	0	312
<b>General Government Facilities - General</b>									<b>BCL/Program Code: A1GM1</b>
ADA Improvements - Citywide (A1GM902)	0	228	241	0	0	0	0	0	469
Critical Infrastructure Upgrades: Seattle Municipal Tower (A1GM117)	0	0	2,300	0	0	0	0	0	2,300
Customer Requested Tenant Improvement Program (A1GM105)	14,548	13,030	3,500	3,500	3,500	3,500	3,500	3,500	48,577
FAS: Municipal Energy Efficiency Projects (A1GM199)	779	332	0	0	0	0	0	0	1,111
<b>General Government Facilities - General</b>	15,327	13,589	6,041	3,500	3,500	3,500	3,500	3,500	52,457
<b>Information Technology</b>									<b>BCL/Program Code: A1IT</b>
Multi-City Portal Project (A1IT02)	0	6,632	0	0	0	0	0	0	6,632
Seattle License Management System Upgrade (A1IT03)	0	0	0	400	3,000	1,600	0	0	5,000
Summit Upgrade (A1IT01)	0	5,886	13,147	6,218	0	0	0	0	25,251
<b>Information Technology</b>	0	12,518	13,147	6,618	3,000	1,600	0	0	36,883
<b>Maintenance Shops and Yards</b>									<b>BCL/Program Code: A1MSY</b>
Maintenance Shops and Yards (A1MSY01)	0	1,870	2,552	0	0	0	0	0	4,422
<b>Maintenance Shops and Yards</b>	0	1,870	2,552	0	0	0	0	0	4,422
<b>Neighborhood Fire Stations</b>									<b>BCL/Program Code: A1FL1</b>
Fire Station 08 (A1FL108)	1,416	3,099	0	0	0	0	0	0	4,515
Fire Station 09 (A1FL109)	3,217	3,933	0	0	0	0	0	0	7,150

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program



## Finance and Administrative Services

### Project Summary

BCL/Program Name									
Project Title & ID	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
Fire Station 11 (A1FL111)	164	2,528	0	0	0	0	0	0	2,692
Fire Station 14 (A1FL114)	8,794	3,822	0	0	0	0	0	0	12,616
Fire Station 18 (A1FL118)	61	4,409	0	2,205	335	0	0	0	7,010
Fire Station 20 (A1FL120)	969	7,721	1,780	0	0	0	0	0	10,471
Fire Station 22 (A1FL122)	0	2,762	0	0	6,709	2,191	0	0	11,662
Fire Station 24 (A1FL124)	259	2,034	0	0	0	0	0	0	2,293
Fire Station 25 (A1FL125)	240	2,219	0	0	0	0	0	0	2,459
Fire Station 26 (A1FL126)	113	2,501	0	480	0	0	0	0	3,095
Fire Station 27 (A1FL127)	604	1,147	0	0	0	0	0	0	1,751
Fire Station 28 (A1FL128)	10,609	1,046	0	0	0	0	0	0	11,655
Fire Station 29 (A1FL129)	13	1,056	0	1,982	545	0	0	0	3,596
Fire Station 32 (A1FL132)	324	8,117	0	3,319	3,300	0	0	0	15,059
Fire Station 34 (A1FL134)	906	1,991	0	0	0	0	0	0	2,897
Fire Station 36 (A1FL136)	297	2,902	0	0	0	0	0	0	3,199
Fire Station 40 (A1FL140)	651	1,297	0	0	0	0	0	0	1,947
Fire Station Emergency Generators (A1FL151)	1,112	653	0	0	0	0	0	0	1,766
Fire Station Improvement Debt Service (A1FL199)	21,655	6,030	1,407	1,685	2,141	2,292	2,292	2,292	39,794
<b>Neighborhood Fire Stations</b>	51,406	59,267	3,187	9,670	13,030	4,483	2,292	2,292	145,627
<b>Preliminary Engineering</b>									<b>A1GM4</b>
Facility Projects Planning (A1GM402)	0	0	750	0	0	0	0	0	750
<b>Preliminary Engineering</b>	0	0	750	0	0	0	0	0	750
<b>Public Safety Facilities - Fire</b>									<b>A1PS2</b>
Fire Station 5 (A1PS205)	0	0	700	1,540	3,360	0	0	0	5,600
Fire Station 5 Relocation (A1PS206)	0	0	2,359	220	242	266	293	0	3,380
<b>Public Safety Facilities - Fire</b>	0	0	3,059	1,760	3,602	266	293	0	8,980
<b>Public Safety Facilities - Police</b>									<b>A1PS1</b>
Critical Infrastructure Upgrades: Emergency Operations Center / West Precinct (A1PS109)	0	0	2,300	0	0	0	0	0	2,300
East Precinct Parking System Upgrades (A1PS106)	0	0	265	0	0	0	0	0	265

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
North Precinct (A1PS107)	0	5,000	13,250	36,000	34,289	0	0	0	88,539
Police Facilities (A1PS101)	1,636	585	350	620	0	0	0	0	3,191
West Precinct 911 Comm Center (A1PS108)	0	230	0	0	0	0	0	0	230
<b>Public Safety Facilities - Police</b>	1,636	5,815	16,165	36,620	34,289	0	0	0	94,525
<b>Department Total*:</b>	116,475	110,214	49,568	62,714	61,168	13,598	9,834	9,512	433,083

*\*Amounts in thousands of dollars*

**2014 - 2019 Proposed Capital Improvement Program**

## Finance and Administrative Services

### Fund Summary

Fund Name & Code	LTD Actuals	2013	2014	2015	2016	2017	2018	2019	Total
2002B LTGO Capital Project Fund (34700)	696	0	0	0	0	0	0	0	696
2003 Fire Facilities Fund (34440)	31,220	25,424	1,780	0	0	0	0	0	58,424
2008 Multipurpose LTGO Bond Fund (35200)	10,322	2,523	0	0	0	0	0	0	12,845
2009 Multipurpose LTGO Bond Fund (35300)	411	244	0	0	0	0	0	0	654
2010 Multipurpose LTGO Bond Fund (35400)	1,666	1,151	0	0	0	0	0	0	2,816
2011 Multipurpose LTGO Bond Fund (35500)	582	110	0	0	0	0	0	0	692
2013 Multipurpose LTGO Bond Fund (35700)	0	33,911	2,300	0	0	0	0	0	36,211
2014 Multipurpose LTGO Bond Fund (35800)	0	0	20,738	0	0	0	0	0	20,738
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities (00168)	24,898	10,407	3,720	3,720	3,720	3,720	3,720	3,720	57,625
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount (00163)	31,119	21,125	7,187	1,685	2,141	2,292	2,292	2,292	70,133
Cumulative Reserve Subfund - Unrestricted Subaccount (00164)	312	304	25	26	27	28	29	0	751
Federal Vice Enforcement Forfeiture (62480)	0	750	1,850	0	0	0	0	0	2,600
Finance and Administrative Services Fund (50300)	14,548	13,030	11,968	3,720	3,742	3,500	3,500	3,500	57,507
Future Bond Funds (99999)	0	0	0	15,003	13,889	3,791	0	0	32,683
General Subfund (00100)	197	222	0	400	0	0	0	0	819
Municipal Civic Center Fund (34200)	504	1,014	0	0	0	0	0	0	1,518
To Be Determined (TBD)	0	0	0	38,160	37,649	266	293	0	76,368
<b>Department Total*:</b>	116,475	110,214	49,568	62,714	61,168	13,598	9,834	9,512	433,083

*\*Amounts in thousands of dollars*

**2014 - 2019 Proposed Capital Improvement Program**

# Finance and Administrative Services

## ADA Improvements - Citywide

<b>BCL/Program Name:</b>	General Government Facilities - General	<b>BCL/Program Code:</b>	A1GM1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	A1GM902	<b>End Date:</b>	ONGOING
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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 a database for project tracking, quality assurance, and compliance documentation.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	228	241	0	0	0	0	0	469
<b>Total:</b>	0	228	241	0	0	0	0	0	469
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	228	241	0	0	0	0	0	469
<b>Total*:</b>	0	228	241	0	0	0	0	0	469

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## ADA Improvements - FAS

<b>BCL/Program Name:</b>	ADA Improvements - FAS	<b>BCL/Program Code:</b>	A1ADA
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	A1GM901	<b>End Date:</b>	ONGOING
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project is the FAS 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	382	67	0	0	0	0	0	0	449
<b>Total:</b>	382	67	0	0	0	0	0	0	449
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	382	67	0	0	0	0	0	0	449
<b>Total*:</b>	382	67	0	0	0	0	0	0	449

<b>BCL/Program Name:</b>	ADA Improvements - FAS	<b>BCL/Program Code:</b>	A1ADA
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	A1ADA01	<b>End Date:</b>	ONGOING
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project is the FAS 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	626	672	0	0	0	0	0	1,298
<b>Total:</b>	0	626	672	0	0	0	0	0	1,298

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	626	672	0	0	0	0	0	1,298
<b>Total*:</b>	0	626	672	0	0	0	0	0	1,298

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Asset Preservation - Civic Center

<b>BCL/Program Name:</b>	Asset Preservation - Civic Core	<b>BCL/Program Code:</b>	A1AP1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	A1AP101	<b>End Date:</b>	ONGOING
<b>Location:</b>	Multiple Downtown City facilities		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	2,481	3,257	750	750	750	750	750	750	10,238
<b>Total:</b>	2,481	3,257	750	750	750	750	750	750	10,238
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	2,481	3,257	750	750	750	750	750	750	10,238
<b>Total*:</b>	2,481	3,257	750	750	750	750	750	750	10,238
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Asset Preservation - Public Safety Facilities

<b>BCL/Program Name:</b>	Asset Preservation - Public Safety Facilities	<b>BCL/Program Code:</b>	A1AP6
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	A1AP601	<b>End Date:</b>	ONGOING
<b>Location:</b>	Multiple Public Safety facilities		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	4,595	1,910	600	600	600	600	600	600	10,105
<b>Total:</b>	4,595	1,910	600	600	600	600	600	600	10,105
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	4,595	1,910	600	600	600	600	600	600	10,105
<b>Total*:</b>	4,595	1,910	600	600	600	600	600	600	10,105
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



## Finance and Administrative Services

### Asset Preservation - Seattle Municipal Tower

<b>BCL/Program Name:</b>	Asset Preservation - Seattle Municipal Tower	<b>BCL/Program Code:</b>	A1AP2
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	A1AP201	<b>End Date:</b>	ONGOING
<b>Location:</b>	700 5th Ave		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	15,322	3,580	1,770	1,770	1,770	1,770	1,770	1,770	29,522
<b>Total:</b>	15,322	3,580	1,770	1,770	1,770	1,770	1,770	1,770	29,522
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	15,322	3,580	1,770	1,770	1,770	1,770	1,770	1,770	29,522
<b>Total*:</b>	15,322	3,580	1,770	1,770	1,770	1,770	1,770	1,770	29,522
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities		3,080	2,270	1,770	1,770	1,770	1,770	1,770	14,200
<b>Total:</b>		3,080	2,270	1,770	1,770	1,770	1,770	1,770	14,200

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### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Asset Preservation - Shops and Yards

<b>BCL/Program Name:</b>	Asset Preservation - Shops and Yards	<b>BCL/Program Code:</b>	A1AP4
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2005
<b>Project ID:</b>	A1AP401	<b>End Date:</b>	ONGOING
<b>Location:</b>	Multiple City facilities		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Department Space Allocation Charges	2,500	1,661	600	600	600	600	600	600	7,760
<b>Total:</b>	2,500	1,661	600	600	600	600	600	600	7,760
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Asset Preservation Subaccount - Fleets and Facilities	2,500	1,661	600	600	600	600	600	600	7,760
<b>Total*:</b>	2,500	1,661	600	600	600	600	600	600	7,760
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Civic Square

<b>BCL/Program Name:</b>	Civic Square	<b>BCL/Program Code:</b>	A1GM5
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	A1GM501	<b>End Date:</b>	TBD
<b>Location:</b>	600 3rd Ave		
<b>Neighborhood Plan:</b>	DUCPG (Downtown Urban Center Planning Group)	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
Interdepartmental Transfer		228	1,014	0	0	0	0	0	0	1,242
<b>Total:</b>		228	1,014	0	0	0	0	0	0	1,242
<b>Fund Appropriations/Allocations</b>										
Municipal Civic Center Fund		228	1,014	0	0	0	0	0	0	1,242
<b>Total*:</b>		228	1,014	0	0	0	0	0	0	1,242
<b>O &amp; M Costs (Savings)</b>				0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>										
Municipal Civic Center Fund			10	10	10	10	50	150	774	1,014
<b>Total:</b>			10	10	10	10	50	150	774	1,014

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### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Critical Infrastructure Upgrades: Emergency Operations Center / West Precinct

<b>BCL/Program Name:</b>	Public Safety Facilities - Police	<b>BCL/Program Code:</b>	A1PS1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	A1PS109	<b>End Date:</b>	Q2/2015
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	2,300	0	0	0	0	0	2,300
<b>Total:</b>	0	0	2,300	0	0	0	0	0	2,300
<b>Fund Appropriations/Allocations</b>									
2013 Multipurpose LTGO Bond Fund	0	0	2,300	0	0	0	0	0	2,300
<b>Total*:</b>	0	0	2,300	0	0	0	0	0	2,300

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Critical Infrastructure Upgrades: Seattle Municipal Tower

<b>BCL/Program Name:</b>	General Government Facilities - General	<b>BCL/Program Code:</b>	A1GM1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	
<b>Project ID:</b>	A1GM117	<b>End Date:</b>	
<b>Location:</b>		<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Urban Village:</b>	
<b>Neighborhood District:</b>			

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	0	2,300	0	0	0	0	0	2,300
<b>Total:</b>	0	0	2,300	0	0	0	0	0	2,300
<b>Fund Appropriations/Allocations</b>									
2014 Multipurpose LTGO Bond Fund	0	0	2,300	0	0	0	0	0	2,300
<b>Total*:</b>	0	0	2,300	0	0	0	0	0	2,300

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Customer Requested Tenant Improvement Program

<b>BCL/Program Name:</b>	General Government Facilities - General	<b>BCL/Program Code:</b>	A1GM1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2006
<b>Project ID:</b>	A1GM105	<b>End Date:</b>	ONGOING
<b>Location:</b>	City owned and leased facilities		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Interdepartmental Transfer	14,548	13,030	3,500	3,500	3,500	3,500	3,500	3,500	48,577
<b>Total:</b>	14,548	13,030	3,500	3,500	3,500	3,500	3,500	3,500	48,577
<b>Fund Appropriations/Allocations</b>									
Finance and Administrative Services Fund	14,548	13,030	3,500	3,500	3,500	3,500	3,500	3,500	48,577
<b>Total*:</b>	14,548	13,030	3,500	3,500	3,500	3,500	3,500	3,500	48,577
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Finance and Administrative Services Fund		2,000	5,500	8,215	8,215	3,366	3,366	3,367	34,030
<b>Total:</b>		2,000	5,500	8,215	8,215	3,366	3,366	3,367	34,030

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## East Precinct Parking System Upgrades

<b>BCL/Program Name:</b>	Public Safety Facilities - Police	<b>BCL/Program Code:</b>	A1PS1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q2/2014
<b>Project ID:</b>	A1PS106	<b>End Date:</b>	Q1/2016
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project provides for the installation of data/infrastructure 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	265	0	0	0	0	0	265
<b>Total:</b>	0	0	265	0	0	0	0	0	265
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	265	0	0	0	0	0	265
<b>Total*:</b>	0	0	265	0	0	0	0	0	265

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### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Energy Efficiency for Municipal Buildings

<b>BCL/Program Name:</b>	FAS Oversight - External Projects	<b>BCL/Program Code:</b>	A1EXT
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	A1EXT02	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project funds the Office of Sustainability and Environment actions across City facilities to support the City's goal to achieve a 20% reduction in building energy use City-wide by 2020. OSE will conduct planning work to identify and implement energy reduction opportunities and energy efficient improvement projects. The work is part of a Citywide Resource Conservation Initiative coordinated by OSE to improve the energy efficiency of City facilities.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	250	0	0	0	0	0	250
<b>Total:</b>	0	0	250	0	0	0	0	0	250
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	250	0	0	0	0	0	250
<b>Total*:</b>	0	0	250	0	0	0	0	0	250

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### 2014 - 2019 Proposed Capital Improvement Program



# Finance and Administrative Services

## Facility Projects Planning

<b>BCL/Program Name:</b>	Preliminary Engineering	<b>BCL/Program Code:</b>	A1GM4
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	A1GM402	<b>End Date:</b>	ONGOING
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	750	0	0	0	0	0	750
<b>Total:</b>	0	0	750	0	0	0	0	0	750
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	750	0	0	0	0	0	750
<b>Total*:</b>	0	0	750	0	0	0	0	0	750

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## FAS: Municipal Energy Efficiency Projects

<b>BCL/Program Name:</b>	General Government Facilities - General	<b>BCL/Program Code:</b>	A1GM1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	A1GM199	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Obligation Bonds	197	222	0	0	0	0	0	0	419
General Obligation Bonds	582	110	0	0	0	0	0	0	692
<b>Total:</b>	779	332	0	0	0	0	0	0	1,111

<b>Fund Appropriations/Allocations</b>									
General Subfund	197	222	0	0	0	0	0	0	419
2011 Multipurpose LTGO Bond Fund	582	110	0	0	0	0	0	0	692
<b>Total*:</b>	779	332	0	0	0	0	0	0	1,111

<b>Spending Plan by Fund</b>									
General Subfund		222	0	0	0	0	0	0	222
2011 Multipurpose LTGO Bond Fund		0	110	0	0	0	0	0	110
<b>Total:</b>		222	110	0	0	0	0	0	332

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 08

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	A1FL108	<b>End Date:</b>	Q1/2015
<b>Location:</b>	110 Lee St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	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 08 and makes minor functional improvements to the facility. The project 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 Queen Anne community.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	64	463	0	0	0	0	0	0	527
Seattle Voter-Approved Levy	846	1,701	0	0	0	0	0	0	2,546
General Obligation Bonds	435	68	0	0	0	0	0	0	502
General Obligation Bonds	0	20	0	0	0	0	0	0	20
General Obligation Bonds	72	334	0	0	0	0	0	0	406
General Obligation Bonds	0	513	0	0	0	0	0	0	513
<b>Total:</b>	1,416	3,099	0	0	0	0	0	0	4,515
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	64	463	0	0	0	0	0	0	527
2003 Fire Facilities Fund	846	1,701	0	0	0	0	0	0	2,546
2008 Multipurpose LTGO Bond Fund	435	68	0	0	0	0	0	0	502
2009 Multipurpose LTGO Bond Fund	0	20	0	0	0	0	0	0	20
2010 Multipurpose LTGO Bond Fund	72	334	0	0	0	0	0	0	406
2013 Multipurpose LTGO Bond Fund	0	513	0	0	0	0	0	0	513
<b>Total*:</b>	1,416	3,099	0	0	0	0	0	0	4,515
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	110	353	0	0	0	0	0	463
2003 Fire Facilities Fund	1,701	0	0	0	0	0	0	1,701
2008 Multipurpose LTGO Bond Fund	68	0	0	0	0	0	0	68
2009 Multipurpose LTGO Bond Fund	20	0	0	0	0	0	0	20
2010 Multipurpose LTGO Bond Fund	334	0	0	0	0	0	0	334
2013 Multipurpose LTGO Bond Fund	513	0	0	0	0	0	0	513
<b>Total:</b>	<b>2,746</b>	<b>353</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,099</b>

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 09

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	A1FL109	<b>End Date:</b>	Q4/2014
<b>Location:</b>	3829 Linden Ave N		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Lake Union	<b>Urban Village:</b>	Fremont

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 9 at its existing site. It also provides temporary quarters for firefighters while the fire station is under construction. At 50 years of age, the station building has reached the end of its useful life, 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 Fremont community.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	8	7	0	0	0	0	0	0	15
Seattle Voter-Approved Levy	1,688	2,508	0	0	0	0	0	0	4,196
General Obligation Bonds	897	888	0	0	0	0	0	0	1,785
General Obligation Bonds	132	13	0	0	0	0	0	0	145
General Obligation Bonds	493	415	0	0	0	0	0	0	907
General Obligation Bonds	0	102	0	0	0	0	0	0	102
<b>Total:</b>	3,217	3,933	0	0	0	0	0	0	7,150
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	8	7	0	0	0	0	0	0	15
2003 Fire Facilities Fund	1,688	2,508	0	0	0	0	0	0	4,196
2008 Multipurpose LTGO Bond Fund	897	888	0	0	0	0	0	0	1,785
2009 Multipurpose LTGO Bond Fund	132	13	0	0	0	0	0	0	145
2010 Multipurpose LTGO Bond Fund	493	415	0	0	0	0	0	0	907
2013 Multipurpose LTGO Bond Fund	0	102	0	0	0	0	0	0	102
<b>Total*:</b>	3,217	3,933	0	0	0	0	0	0	7,150
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	7	0	0	0	0	0	0	7
2003 Fire Facilities Fund	2,293	215	0	0	0	0	0	2,508
2008 Multipurpose LTGO Bond Fund	888	0	0	0	0	0	0	888
2009 Multipurpose LTGO Bond Fund	13	0	0	0	0	0	0	13
2010 Multipurpose LTGO Bond Fund	415	0	0	0	0	0	0	415
2013 Multipurpose LTGO Bond Fund	102	0	0	0	0	0	0	102
<b>Total:</b>	<b>3,718</b>	<b>215</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,933</b>

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 11

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q4/2010
<b>Project ID:</b>	A1FL111	<b>End Date:</b>	Q4/2015
<b>Location:</b>	1514 SW Holden St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Delridge	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	40	372	0	0	0	0	0	0	412
Seattle Voter-Approved Levy	87	2,153	0	0	0	0	0	0	2,240
General Obligation Bonds	3	0	0	0	0	0	0	0	3
General Obligation Bonds	10	2	0	0	0	0	0	0	12
General Obligation Bonds	24	2	0	0	0	0	0	0	25
<b>Total:</b>	164	2,528	0	0	0	0	0	0	2,692
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	40	372	0	0	0	0	0	0	412
2003 Fire Facilities Fund	87	2,153	0	0	0	0	0	0	2,240
2008 Multipurpose LTGO Bond Fund	3	0	0	0	0	0	0	0	3
2009 Multipurpose LTGO Bond Fund	10	2	0	0	0	0	0	0	12
2010 Multipurpose LTGO Bond Fund	24	2	0	0	0	0	0	0	25
<b>Total*:</b>	164	2,528	0	0	0	0	0	0	2,692
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	43	110	219	0	0	0	0	372
2003 Fire Facilities Fund	326	1,827	0	0	0	0	0	2,153
2008 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2009 Multipurpose LTGO Bond Fund	2	0	0	0	0	0	0	2
2010 Multipurpose LTGO Bond Fund	2	0	0	0	0	0	0	2
<b>Total:</b>	<b>372</b>	<b>1,937</b>	<b>219</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,528</b>

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Finance and Administrative Services

## Fire Station 14

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2007
<b>Project ID:</b>	A1FL114	<b>End Date:</b>	Q2/2014
<b>Location:</b>	3224 4th Ave S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	Duwamish

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, provides for a major renovation and expansion of Fire Station 14, which is a historic landmark. It also provides temporary quarters for firefighters while the fire station is under construction. The improved building will be seismically safe and accommodate modern emergency equipment and functions. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the SoDo District.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	902	14	0	0	0	0	0	0	916
Seattle Voter-Approved Levy	7,180	939	0	0	0	0	0	0	8,119
General Obligation Bonds	548	7	0	0	0	0	0	0	555
General Obligation Bonds	106	161	0	0	0	0	0	0	268
General Obligation Bonds	57	0	0	0	0	0	0	0	57
General Obligation Bonds	0	2,701	0	0	0	0	0	0	2,701
<b>Total:</b>	8,794	3,822	0	0	0	0	0	0	12,616
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	902	14	0	0	0	0	0	0	916
2003 Fire Facilities Fund	7,180	939	0	0	0	0	0	0	8,119
2008 Multipurpose LTGO Bond Fund	548	7	0	0	0	0	0	0	555
2009 Multipurpose LTGO Bond Fund	106	161	0	0	0	0	0	0	268
2010 Multipurpose LTGO Bond Fund	57	0	0	0	0	0	0	0	57
2013 Multipurpose LTGO Bond Fund	0	2,701	0	0	0	0	0	0	2,701
<b>Total*:</b>	8,794	3,822	0	0	0	0	0	0	12,616
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	14	0	0	0	0	0	0	14
2003 Fire Facilities Fund	916	23	0	0	0	0	0	939
2008 Multipurpose LTGO Bond Fund	7	0	0	0	0	0	0	7
2009 Multipurpose LTGO Bond Fund	161	0	0	0	0	0	0	161
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	2,701	0	0	0	0	0	0	2,701
<b>Total:</b>	<b>3,800</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,822</b>

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 18

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2012
<b>Project ID:</b>	A1FL118	<b>End Date:</b>	Q4/2016
<b>Location:</b>	1521 NW Market St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Ballard	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	17	698	0	0	0	0	0	0	715
Seattle Voter-Approved Levy	31	2,332	0	0	0	0	0	0	2,362
General Obligation Bonds	14	31	0	0	0	0	0	0	45
General Obligation Bonds	0	1,348	0	0	0	0	0	0	1,348
General Obligation Bonds	0	0	0	2,205	335	0	0	0	2,539
<b>Total:</b>	61	4,409	0	2,205	335	0	0	0	7,010
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	17	698	0	0	0	0	0	0	715
2003 Fire Facilities Fund	31	2,332	0	0	0	0	0	0	2,362
2010 Multipurpose LTGO Bond Fund	14	31	0	0	0	0	0	0	45
2013 Multipurpose LTGO Bond Fund	0	1,348	0	0	0	0	0	0	1,348
Future Bond Funds	0	0	0	2,205	335	0	0	0	2,539
<b>Total*:</b>	61	4,409	0	2,205	335	0	0	0	7,010
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	698	0	0	0	0	698
2003 Fire Facilities Fund		186	727	1,420	0	0	0	0	2,332
2010 Multipurpose LTGO Bond Fund		31	0	0	0	0	0	0	31
2013 Multipurpose LTGO Bond Fund		140	1,208	0	0	0	0	0	1,348
Future Bond Funds		0	0	2,204	335	0	0	0	2,539
<b>Total:</b>		356	1,935	4,322	335	0	0	0	6,948

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 20

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q3/2010
<b>Project ID:</b>	A1FL120	<b>End Date:</b>	Q4/2015
<b>Location:</b>	2800 15th AVE W		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>	Magnolia/Queen Anne	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	147	749	0	0	0	0	0	0	896
Seattle Voter-Approved Levy	57	2,361	1,780	0	0	0	0	0	4,199
General Obligation Bonds	37	802	0	0	0	0	0	0	840
General Obligation Bonds	727	24	0	0	0	0	0	0	751
General Obligation Bonds	0	3,785	0	0	0	0	0	0	3,785
<b>Total:</b>	969	7,721	1,780	0	0	0	0	0	10,471
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	147	749	0	0	0	0	0	0	896
2003 Fire Facilities Fund	57	2,361	1,780	0	0	0	0	0	4,199
2008 Multipurpose LTGO Bond Fund	37	802	0	0	0	0	0	0	840
2010 Multipurpose LTGO Bond Fund	727	24	0	0	0	0	0	0	751
2013 Multipurpose LTGO Bond Fund	0	3,785	0	0	0	0	0	0	3,785
<b>Total*:</b>	969	7,721	1,780	0	0	0	0	0	10,471
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	23	461	265	0	0	0	0	749
2003 Fire Facilities Fund	1,067	3,075	0	0	0	0	0	4,142
2008 Multipurpose LTGO Bond Fund	2	800	0	0	0	0	0	802
2010 Multipurpose LTGO Bond Fund	24	0	0	0	0	0	0	24
2013 Multipurpose LTGO Bond Fund	2,020	1,764	0	0	0	0	0	3,785
<b>Total:</b>	<b>3,137</b>	<b>6,100</b>	<b>265</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,501</b>

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 22

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2013
<b>Project ID:</b>	A1FL122	<b>End Date:</b>	Q3/2018
<b>Location:</b>	901 E Roanoke St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	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. This project is on hold pending a decision about replacement of SR520, so no budget or schedule is shown.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	160	0	0	0	0	0	0	160
Seattle Voter-Approved Levy	0	2,402	0	0	0	0	0	0	2,402
General Obligation Bonds	0	200	0	0	0	0	0	0	200
General Obligation Bonds	0	0	0	0	6,709	2,191	0	0	8,900
<b>Total:</b>	0	2,762	0	0	6,709	2,191	0	0	11,662
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	160	0	0	0	0	0	0	160
2003 Fire Facilities Fund	0	2,402	0	0	0	0	0	0	2,402
2013 Multipurpose LTGO Bond Fund	0	200	0	0	0	0	0	0	200
Future Bond Funds	0	0	0	0	6,709	2,191	0	0	8,900
<b>Total*:</b>	0	2,762	0	0	6,709	2,191	0	0	11,662
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	160	0	0	0	0	160
2003 Fire Facilities Fund		78	688	1,636	0	0	0	0	2,402
2013 Multipurpose LTGO Bond Fund		8	192	0	0	0	0	0	200
Future Bond Funds		0	0	0	6,709	2,191	0	0	8,900
<b>Total:</b>		86	880	1,796	6,709	2,191	0	0	11,662

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 24

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2011
<b>Project ID:</b>	A1FL124	<b>End Date:</b>	Q3/2015
<b>Location:</b>	401 N 130th St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northwest	<b>Urban Village:</b>	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 24 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 Bitter Lake community.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1	912	0	0	0	0	0	0	913
Seattle Voter-Approved Levy	81	534	0	0	0	0	0	0	615
General Obligation Bonds	177	4	0	0	0	0	0	0	181
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	584	0	0	0	0	0	0	584
<b>Total:</b>	259	2,034	0	0	0	0	0	0	2,293

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1	912	0	0	0	0	0	0	913
2003 Fire Facilities Fund	81	534	0	0	0	0	0	0	615
2008 Multipurpose LTGO Bond Fund	177	4	0	0	0	0	0	0	181
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	584	0	0	0	0	0	0	584
<b>Total*:</b>	259	2,034	0	0	0	0	0	0	2,293

<b>O &amp; M Costs (Savings)</b>		0	0	0	0	0	0	0	0
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### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	320	547	45	0	0	0	0	0	912
2003 Fire Facilities Fund	282	252	0	0	0	0	0	0	534
2008 Multipurpose LTGO Bond Fund	4	0	0	0	0	0	0	0	4
2013 Multipurpose LTGO Bond Fund	584	0	0	0	0	0	0	0	584
<b>Total:</b>	1,190	799	45	0	0	0	0	0	2,034

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

## 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 25

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2010
<b>Project ID:</b>	A1FL125	<b>End Date:</b>	Q2/2015
<b>Location:</b>	1300 E Pine St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	Pike/Pine

This project, part of the 2003 Fire Facilities and emergency Response Levy, provides a seismic and safety upgrade for Fire Station 25 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 Capitol Hill community.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	170	0	0	0	0	0	0	170
Seattle Voter-Approved Levy	98	2,044	0	0	0	0	0	0	2,143
General Obligation Bonds	142	4	0	0	0	0	0	0	146
General Obligation Bonds	0	0	0	0	0	0	0	0	0
<b>Total:</b>	240	2,219	0	0	0	0	0	0	2,459
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	170	0	0	0	0	0	0	170
2003 Fire Facilities Fund	98	2,044	0	0	0	0	0	0	2,143
2008 Multipurpose LTGO Bond Fund	142	4	0	0	0	0	0	0	146
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
<b>Total*:</b>	240	2,219	0	0	0	0	0	0	2,459
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		170	0	0	0	0	0	0	170
2003 Fire Facilities Fund		1,231	768	45	0	0	0	0	2,044
2008 Multipurpose LTGO Bond Fund		4	0	0	0	0	0	0	4
2010 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		1,406	768	45	0	0	0	0	2,219

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Finance and Administrative Services

## Fire Station 26

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2011
<b>Project ID:</b>	A1FL126	<b>End Date:</b>	Q2/2016
<b>Location:</b>	800 S Cloverdale St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	1,120	0	0	0	0	0	0	1,120
Seattle Voter-Approved Levy	27	503	0	0	0	0	0	0	530
General Obligation Bonds	87	38	0	0	0	0	0	0	125
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	840	0	0	0	0	0	0	840
General Obligation Bonds	0	0	0	480	0	0	0	0	480
<b>Total:</b>	113	2,501	0	480	0	0	0	0	3,095
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	1,120	0	0	0	0	0	0	1,120
2003 Fire Facilities Fund	27	503	0	0	0	0	0	0	530
2008 Multipurpose LTGO Bond Fund	87	38	0	0	0	0	0	0	125
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	840	0	0	0	0	0	0	840
Future Bond Funds	0	0	0	480	0	0	0	0	480
<b>Total*:</b>	113	2,501	0	480	0	0	0	0	3,095
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	128	569	422	0	0	0	0	1,120
2003 Fire Facilities Fund	223	280	0	0	0	0	0	503
2008 Multipurpose LTGO Bond Fund	38	0	0	0	0	0	0	38
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	107	733	0	0	0	0	0	840
Future Bond Funds	0	0	480	0	0	0	0	480
<b>Total:</b>	<b>497</b>	<b>1,582</b>	<b>902</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,981</b>

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 27

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2010
<b>Project ID:</b>	A1FL127	<b>End Date:</b>	Q4/2014
<b>Location:</b>	1000 S Myrtle St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Greater Duwamish	<b>Urban Village:</b>	Duwamish

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, provides a seismic and safety upgrade for Fire Station 27 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 Georgetown community.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	10	0	0	0	0	0	0	10
Seattle Voter-Approved Levy	213	616	0	0	0	0	0	0	829
General Obligation Bonds	392	270	0	0	0	0	0	0	662
General Obligation Bonds	0	200	0	0	0	0	0	0	200
General Obligation Bonds	0	50	0	0	0	0	0	0	50
<b>Total:</b>	604	1,147	0	0	0	0	0	0	1,751
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	10	0	0	0	0	0	0	10
2003 Fire Facilities Fund	213	616	0	0	0	0	0	0	829
2008 Multipurpose LTGO Bond Fund	392	270	0	0	0	0	0	0	662
2010 Multipurpose LTGO Bond Fund	0	200	0	0	0	0	0	0	200
2013 Multipurpose LTGO Bond Fund	0	50	0	0	0	0	0	0	50
<b>Total*:</b>	604	1,147	0	0	0	0	0	0	1,751
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	10	0	0	0	0	0	0	10
2003 Fire Facilities Fund	436	180	0	0	0	0	0	616
2008 Multipurpose LTGO Bond Fund	270	0	0	0	0	0	0	270
2010 Multipurpose LTGO Bond Fund	200	0	0	0	0	0	0	200
2013 Multipurpose LTGO Bond Fund	50	0	0	0	0	0	0	50
<b>Total:</b>	967	180	0	0	0	0	0	1,147

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 28

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2009
<b>Project ID:</b>	A1FL128	<b>End Date:</b>	Q4/2016
<b>Location:</b>	5968 Rainier Ave S		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	911	0	0	0	0	0	0	0	911
Seattle Voter-Approved Levy	5,035	1,046	0	0	0	0	0	0	6,081
General Obligation Bonds	4,664	0	0	0	0	0	0	0	4,664
<b>Total:</b>	10,609	1,046	0	0	0	0	0	0	11,655
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	911	0	0	0	0	0	0	0	911
2003 Fire Facilities Fund	5,035	1,046	0	0	0	0	0	0	6,081
2008 Multipurpose LTGO Bond Fund	4,664	0	0	0	0	0	0	0	4,664
<b>Total*:</b>	10,609	1,046	0	0	0	0	0	0	11,655
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	0	0	0	0	0	0	0
2003 Fire Facilities Fund		104	135	807	0	0	0	0	1,046
2008 Multipurpose LTGO Bond Fund		0	0	0	0	0	0	0	0
<b>Total:</b>		104	135	807	0	0	0	0	1,046

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 29

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2012
<b>Project ID:</b>	A1FL129	<b>End Date:</b>	Q1/2017
<b>Location:</b>	2139 Ferry Ave SW		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southwest	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	0	0	0	0	0	0	0
Seattle Voter-Approved Levy	0	621	0	0	0	0	0	0	621
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	0	435	0	0	0	0	0	0	435
General Obligation Bonds	0	0	0	1,982	545	0	0	0	2,527
<b>Total:</b>	13	1,056	0	1,982	545	0	0	0	3,596
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	0	0	0	0	0	0	0
2003 Fire Facilities Fund	0	621	0	0	0	0	0	0	621
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	0	435	0	0	0	0	0	0	435
Future Bond Funds	0	0	0	1,982	545	0	0	0	2,527
<b>Total*:</b>	13	1,056	0	1,982	545	0	0	0	3,596
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### 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	157	120	344	0	0	0	0	621
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	69	366	0	0	0	0	0	435
Future Bond Funds	0	0	1,982	545	0	0	0	2,527
2014 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
<b>Total:</b>	225	487	2,326	545	0	0	0	3,583

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 32

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q4/2010
<b>Project ID:</b>	A1FL132	<b>End Date:</b>	Q3/2017
<b>Location:</b>	3715 SW Alaska St		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southwest	<b>Urban Village:</b>	West Seattle Junction

This project, part of the 2003 Fire Facilities and Emergency Response Levy Program, rebuilds Fire Station 32 in a three story structure at its existing site. It also provides temporary quarters for firefighters while the fire station is under construction. The existing Fire Station 32 is seismically vulnerable, and cannot feasibly be renovated to provide the space necessary to support modern firefighting equipment and emergency functions. The project protects firefighters in the event of an earthquake and allows them to provide high-quality emergency services to the West Seattle community.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	49	4,833	0	0	0	0	0	0	4,883
Seattle Voter-Approved Levy	275	2,035	0	0	0	0	0	0	2,310
Property Sales and Interest Earnings-2	0	1,248	0	0	0	0	0	0	1,248
General Obligation Bonds	0	0	0	3,319	3,300	0	0	0	6,619
<b>Total:</b>	324	8,117	0	3,319	3,300	0	0	0	15,059
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	49	4,833	0	0	0	0	0	0	4,883
2003 Fire Facilities Fund	275	3,283	0	0	0	0	0	0	3,558
Future Bond Funds	0	0	0	3,319	3,300	0	0	0	6,619
<b>Total*:</b>	324	8,117	0	3,319	3,300	0	0	0	15,059
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		59	0	4,775	0	0	0	0	4,833
2003 Fire Facilities Fund		424	744	2,115	0	0	0	0	3,283
Future Bond Funds		0	0	3,319	3,300	0	0	0	6,619
<b>Total:</b>		482	744	10,209	3,300	0	0	0	14,736

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### 2014 - 2019 Proposed Capital Improvement Program



# Finance and Administrative Services

## Fire Station 34

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2011
<b>Project ID:</b>	A1FL134	<b>End Date:</b>	Q4/2014
<b>Location:</b>	633 32nd Ave E		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	East District	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2003 Fire Facilities and Emergency Response Levy, provides a seismic and safety upgrade for Fire Station 34 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 Madison Park community.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	108	89	0	0	0	0	0	0	197
Seattle Voter-Approved Levy	530	109	0	0	0	0	0	0	639
General Obligation Bonds	242	161	0	0	0	0	0	0	403
General Obligation Bonds	26	0	0	0	0	0	0	0	26
General Obligation Bonds	0	1,632	0	0	0	0	0	0	1,632
<b>Total:</b>	906	1,991	0	0	0	0	0	0	2,897
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	108	89	0	0	0	0	0	0	197
2003 Fire Facilities Fund	530	109	0	0	0	0	0	0	639
2008 Multipurpose LTGO Bond Fund	242	161	0	0	0	0	0	0	403
2010 Multipurpose LTGO Bond Fund	26	0	0	0	0	0	0	0	26
2013 Multipurpose LTGO Bond Fund	0	1,632	0	0	0	0	0	0	1,632
<b>Total*:</b>	906	1,991	0	0	0	0	0	0	2,897
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	89	0	0	0	0	0	0	89
2003 Fire Facilities Fund	109	0	0	0	0	0	0	109
2008 Multipurpose LTGO Bond Fund	161	0	0	0	0	0	0	161
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	1,347	285	0	0	0	0	0	1,632
<b>Total:</b>	1,706	285	0	0	0	0	0	1,991

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 36

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q4/2010
<b>Project ID:</b>	A1FL136	<b>End Date:</b>	Q1/2016
<b>Location:</b>	3600 23rd Ave SW		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Delridge	<b>Urban Village:</b>	Duwamish

This project, part of the 2003 Fire Facilities and Emergency Response Levy, provides a seismic and safety upgrade for Fire Station 36 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 Delridge community.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	965	0	0	0	0	0	0	965
Seattle Voter-Approved Levy	79	1,771	0	0	0	0	0	0	1,850
General Obligation Bonds	218	33	0	0	0	0	0	0	251
General Obligation Bonds	0	0	0	0	0	0	0	0	0
General Obligation Bonds	0	134	0	0	0	0	0	0	134
<b>Total:</b>	297	2,902	0	0	0	0	0	0	3,199
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	965	0	0	0	0	0	0	965
2003 Fire Facilities Fund	79	1,771	0	0	0	0	0	0	1,850
2008 Multipurpose LTGO Bond Fund	218	33	0	0	0	0	0	0	251
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	0	134	0	0	0	0	0	0	134
<b>Total*:</b>	297	2,902	0	0	0	0	0	0	3,199
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	21	620	325	0	0	0	0	965
2003 Fire Facilities Fund	771	900	99	0	0	0	0	1,771
2008 Multipurpose LTGO Bond Fund	33	0	0	0	0	0	0	33
2010 Multipurpose LTGO Bond Fund	0	0	0	0	0	0	0	0
2013 Multipurpose LTGO Bond Fund	134	0	0	0	0	0	0	134
<b>Total:</b>	958	1,520	424	0	0	0	0	2,902

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 40

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q2/2010
<b>Project ID:</b>	A1FL140	<b>End Date:</b>	Q3/2014
<b>Location:</b>	9401 35th Ave NE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Northeast	<b>Urban Village:</b>	Not in an Urban Village

This project, part of the 2003 Fire Facilities and Emergency Response Levy, provides a seismic and safety upgrade for Fire Station 40 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 Wedgwood community.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	100	240	0	0	0	0	0	0	340
Seattle Voter-Approved Levy	141	501	0	0	0	0	0	0	642
General Obligation Bonds	0	22	0	0	0	0	0	0	22
General Obligation Bonds	163	47	0	0	0	0	0	0	210
General Obligation Bonds	247	145	0	0	0	0	0	0	392
General Obligation Bonds	0	340	0	0	0	0	0	0	340
<b>Total:</b>	651	1,297	0	0	0	0	0	0	1,947
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	100	240	0	0	0	0	0	0	340
2003 Fire Facilities Fund	141	501	0	0	0	0	0	0	642
2008 Multipurpose LTGO Bond Fund	0	22	0	0	0	0	0	0	22
2009 Multipurpose LTGO Bond Fund	163	47	0	0	0	0	0	0	210
2010 Multipurpose LTGO Bond Fund	247	145	0	0	0	0	0	0	392
2013 Multipurpose LTGO Bond Fund	0	340	0	0	0	0	0	0	340
<b>Total*:</b>	651	1,297	0	0	0	0	0	0	1,947
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	183	57	0	0	0	0	0	240
2003 Fire Facilities Fund	501	0	0	0	0	0	0	501
2008 Multipurpose LTGO Bond Fund	22	0	0	0	0	0	0	22
2009 Multipurpose LTGO Bond Fund	47	0	0	0	0	0	0	47
2010 Multipurpose LTGO Bond Fund	145	0	0	0	0	0	0	145
2013 Multipurpose LTGO Bond Fund	340	0	0	0	0	0	0	340
<b>Total:</b>	1,240	57	0	0	0	0	0	1,297

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Fire Station 5

<b>BCL/Program Name:</b>	Public Safety Facilities - Fire	<b>BCL/Program Code:</b>	A1PS2
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	A1PS205	<b>End Date:</b>	Q4/2017
<b>Location:</b>	925 Alaskan WAY		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Southeast	<b>Urban Village:</b>	North Rainier

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	0	700	0	0	0	0	0	700
To be determined	0	0	0	1,540	3,360	0	0	0	4,900
<b>Total:</b>	0	0	700	1,540	3,360	0	0	0	5,600

#### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	0	700	0	0	0	0	0	700
<b>Total*:</b>	0	0	700	0	0	0	0	0	700

#### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	600	100	0	0	0	0	0	700
To Be Determined	0	0	1,300	3,000	600	0	0	0	4,900
<b>Total:</b>	0	600	1,400	3,000	600	0	0	0	5,600

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Station 5 Relocation

<b>BCL/Program Name:</b>	Public Safety Facilities - Fire	<b>BCL/Program Code:</b>	A1PS2
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	A1PS206	<b>End Date:</b>	Q1/2019
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Interdepartmental Transfer	0	0	2,359	220	242	0	0	0	2,821
To be determined	0	0	0	0	0	266	293	0	559
<b>Total:</b>	0	0	2,359	220	242	266	293	0	3,380
<b>Fund Appropriations/Allocations</b>									
Finance and Administrative Services Fund	0	0	2,359	220	242	0	0	0	2,821
<b>Total*:</b>	0	0	2,359	220	242	0	0	0	2,821

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program



# Finance and Administrative Services

## Fire Station Emergency Generators

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q3/2007
<b>Project ID:</b>	A1FL151	<b>End Date:</b>	Q4/2014
<b>Location:</b>	Multiple Fire Station locations		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This project provides funding for emergency generators at fire stations including Fire Station 8 (Queen Anne), Fire Station 11 (Highland Park), Fire Station 24 (Bitter Lake), Fire Station 34 (Madison Park), Fire Station 36 (Delridge), and Fire Station 40 (Wedgwood). The project installs generators for these fire stations in advance of the 2003 Fire Facilities and Emergency Response Levy seismic retrofit projects scheduled for these stations, where feasible, in order to improve disaster preparedness.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,112	653	0	0	0	0	0	0	1,766
<b>Total:</b>	1,112	653	0	0	0	0	0	0	1,766
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,112	653	0	0	0	0	0	0	1,766
<b>Total*:</b>	1,112	653	0	0	0	0	0	0	1,766
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		391	262	0	0	0	0	0	653
<b>Total:</b>		391	262	0	0	0	0	0	653

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### Fire Station Improvement Debt Service

<b>BCL/Program Name:</b>	Neighborhood Fire Stations	<b>BCL/Program Code:</b>	A1FL1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	A1FL199	<b>End Date:</b>	ONGOING
<b>Location:</b>	City-wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This project provides for the payment of debt service on bonds issued to cover a portion of the costs associated with the 2003 Fire Facilities and Emergency Response Levy and associated asset preservation expenses.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	21,655	6,030	1,407	1,685	2,141	2,292	2,292	2,292	39,794
<b>Total:</b>	21,655	6,030	1,407	1,685	2,141	2,292	2,292	2,292	39,794
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	21,655	6,030	1,407	1,685	2,141	2,292	2,292	2,292	39,794
<b>Total*:</b>	21,655	6,030	1,407	1,685	2,141	2,292	2,292	2,292	39,794
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		6,030	1,407	1,685	2,141	2,292	2,292	2,292	18,139
<b>Total:</b>		6,030	1,407	1,685	2,141	2,292	2,292	2,292	18,139

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Fire Stations - Land Acquisition

<b>BCL/Program Name:</b>	Fire Stations - Land Acquisition	<b>BCL/Program Code:</b>	A1FL101
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	A1FL101	<b>End Date:</b>	Q4/2014
<b>Location:</b>	City-wide		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
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	2,475	225	0	0	0	0	0	0	2,700
General Obligation Bonds	0	0	0	800	0	0	0	0	800
<b>Total:</b>	22,321	225	0	800	0	0	0	0	23,346
<b>Fund Appropriations/Allocations</b>									
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	2,475	225	0	0	0	0	0	0	2,700
Future Bond Funds	0	0	0	800	0	0	0	0	800
<b>Total*:</b>	22,321	225	0	800	0	0	0	0	23,346
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

## Finance and Administrative Services

### 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	25	200	0	0	0	0	0	225
Future Bond Funds	0	0	800	0	0	0	0	800
<b>Total:</b>	25	200	800	0	0	0	0	1,025

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Garden of Remembrance

<b>BCL/Program Name:</b>	Garden of Remembrance	<b>BCL/Program Code:</b>	A51647
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	ONGOING
<b>Project ID:</b>	A11452	<b>End Date:</b>	ONGOING
<b>Location:</b>	1301 3rd Ave		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Property Sales and Interest Earnings-2	278	24	25	26	27	28	29	0	437
<b>Total:</b>	278	24	25	26	27	28	29	0	437
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	278	24	25	26	27	28	29	0	437
<b>Total*:</b>	278	24	25	26	27	28	29	0	437
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Maintenance Shops and Yards

<b>BCL/Program Name:</b>	Maintenance Shops and Yards	<b>BCL/Program Code:</b>	A1MSY
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	A1MSY01	<b>End Date:</b>	ONGOING
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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, renovations or additions, studies and assessments, and regulatory code compliance upgrades. In 2014 three major projects are funded for various FAS Maintenance Shops and Yards facilities.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	1,370	2,552	0	0	0	0	0	3,922
Miscellaneous Grants or Donations	0	500	0	0	0	0	0	0	500
<b>Total:</b>	0	1,870	2,552	0	0	0	0	0	4,422
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	1,870	2,552	0	0	0	0	0	4,422
<b>Total*:</b>	0	1,870	2,552	0	0	0	0	0	4,422
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		1,370	3,052	0	0	0	0	0	4,422
<b>Total:</b>		1,370	3,052	0	0	0	0	0	4,422

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## MOB Repairs

<b>BCL/Program Name:</b>	General Government Facilities - Community-Based	<b>BCL/Program Code:</b>	A1GM2
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	A1GM207	<b>End Date:</b>	ONGOING
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	0	312	0	0	0	0	0	0	312
<b>Total:</b>	0	312	0	0	0	0	0	0	312
<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	0	312	0	0	0	0	0	0	312
<b>Total*:</b>	0	312	0	0	0	0	0	0	312
<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount		0	312	0	0	0	0	0	312
<b>Total:</b>		0	312	0	0	0	0	0	312

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Multi-City Portal Project

<b>BCL/Program Name:</b>	Information Technology	<b>BCL/Program Code:</b>	A1IT
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	A1IT02	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

Implement a multi-city business and occupation license and tax filing portal to allow all businesses operating in multiple cities to register for a business license, file business taxes, and make tax payments for multiple cities in one online location.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	6,632	0	0	0	0	0	0	6,632
<b>Total:</b>	0	6,632	0	0	0	0	0	0	6,632
<b>Fund Appropriations/Allocations</b>									
2013 Multipurpose LTGO Bond Fund	0	6,632	0	0	0	0	0	0	6,632
<b>Total*:</b>	0	6,632	0	0	0	0	0	0	6,632
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program



# Finance and Administrative Services

## North Precinct

<b>BCL/Program Name:</b>	Public Safety Facilities - Police	<b>BCL/Program Code:</b>	A1PS1
<b>Project Type:</b>	New Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	A1PS107	<b>End Date:</b>	Q1/2020
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project funds the construction of a new North Precinct facility from which the Seattle Police Department will serve the north end of the city. Work includes but is not limited to, locating an appropriate site, operational programming, building and site design, and construction.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
To be determined	0	0	0	36,000	34,289	0	0	0	70,289
General Obligation Bonds	0	4,250	0	0	0	0	0	0	4,250
General Obligation Bonds	0	0	11,400	0	0	0	0	0	11,400
Miscellaneous Revenues	0	750	1,850	0	0	0	0	0	2,600
<b>Total:</b>	0	5,000	13,250	36,000	34,289	0	0	0	88,539
<b>Fund Appropriations/Allocations</b>									
2013 Multipurpose LTGO Bond Fund	0	4,250	0	0	0	0	0	0	4,250
2014 Multipurpose LTGO Bond Fund	0	0	11,400	0	0	0	0	0	11,400
Federal Vice Enforcement Forfeiture	0	750	1,850	0	0	0	0	0	2,600
<b>Total*:</b>	0	5,000	13,250	0	0	0	0	0	18,250

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Police Facilities

<b>BCL/Program Name:</b>	Public Safety Facilities - Police	<b>BCL/Program Code:</b>	A1PS1
<b>Project Type:</b>	Rehabilitation or Restoration	<b>Start Date:</b>	Q3/2005
<b>Project ID:</b>	A1PS101	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various Police facilities		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Not in a Neighborhood District	<b>Urban Village:</b>	Not in an Urban Village

This ongoing project preserves or extends the useful life or operational capacity and provides for improvements to FAS-owned Police facilities including, but not limited to, the East Precinct, the North Precinct, the 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Real Estate Excise Tax I	1,330	535	350	0	0	0	0	0	2,215
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
To be determined	0	0	0	620	0	0	0	0	620
<b>Total:</b>	1,636	585	350	620	0	0	0	0	3,191

### Fund Appropriations/Allocations

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	1,330	535	350	0	0	0	0	0	2,215
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
<b>Total*:</b>	1,636	585	350	0	0	0	0	0	2,571

**O & M Costs (Savings)** 0

### Spending Plan by Fund

Cumulative Reserve Subfund - Real Estate Excise Tax I Subaccount	10	875	0	0	0	0	0	0	885
Cumulative Reserve Subfund - Unrestricted Subaccount	0	50	0	0	0	0	0	0	50
Municipal Civic Center Fund	0	0	0	0	0	0	0	0	0
To Be Determined	0	0	620	0	0	0	0	0	620
<b>Total:</b>	10	925	620	0	0	0	0	0	1,555

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## 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Seattle License Management System Upgrade

<b>BCL/Program Name:</b>	Information Technology	<b>BCL/Program Code:</b>	A1IT
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2015
<b>Project ID:</b>	A1IT03	<b>End Date:</b>	Q4/2017
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Subfund	0	0	0	400	0	0	0	0	400
General Obligation Bonds	0	0	0	0	3,000	1,600	0	0	4,600
<b>Total:</b>	0	0	0	400	3,000	1,600	0	0	5,000
<b>Fund Appropriations/Allocations</b>									
General Subfund	0	0	0	400	0	0	0	0	400
Future Bond Funds	0	0	0	0	3,000	1,600	0	0	4,600
<b>Total*:</b>	0	0	0	400	3,000	1,600	0	0	5,000

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Summit Upgrade

<b>BCL/Program Name:</b>	Information Technology	<b>BCL/Program Code:</b>	A1IT
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q3/2013
<b>Project ID:</b>	A1IT01	<b>End Date:</b>	Q4/2015
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

Summit is the City's financial management system, used to manage Citywide general ledger, accounts payable, purchasing, asset management, labor distribution, accounts receivable, billing, project costing, and budgeting. Vendor support for the City's current version expired on December 31, 2011. Upgrading to the most current version offered by the vendor ensures vendor support through 2021.

		LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>										
Internal Service Fees and Allocations, Outside Funding Partners		0	0	6,109	0	0	0	0	0	6,109
General Obligation Bonds		0	5,886	0	0	0	0	0	0	5,886
General Obligation Bonds		0	0	0	6,218	0	0	0	0	6,218
General Obligation Bonds		0	0	7,038	0	0	0	0	0	7,038
<b>Total:</b>		0	5,886	13,147	6,218	0	0	0	0	25,251
<b>Fund Appropriations/Allocations</b>										
Finance and Administrative Services Fund		0	0	6,109	0	0	0	0	0	6,109
2013 Multipurpose LTGO Bond Fund		0	5,886	0	0	0	0	0	0	5,886
Future Bond Funds		0	0	0	6,218	0	0	0	0	6,218
2014 Multipurpose LTGO Bond Fund		0	0	7,038	0	0	0	0	0	7,038
<b>Total*:</b>		0	5,886	13,147	6,218	0	0	0	0	25,251

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### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## Video Mobile Data Terminals

<b>BCL/Program Name:</b>	FAS Oversight - External Projects	<b>BCL/Program Code:</b>	A1EXT
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	A1EXT01	<b>End Date:</b>	ONGOING
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

This project funds the replacement of video mobile data terminals (VMDT) for the Seattle Police Department. This project is a placeholder that allows bond funding to be used for equipment purchases and related costs. The bond terms are expected to be short in duration in keeping with City financial policies.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
General Obligation Bonds	0	4,479	0	0	0	0	0	0	4,479
<b>Total:</b>	0	4,479	0	0	0	0	0	0	4,479
<b>Fund Appropriations/Allocations</b>									
2013 Multipurpose LTGO Bond Fund	0	4,479	0	0	0	0	0	0	4,479
<b>Total*:</b>	0	4,479	0	0	0	0	0	0	4,479

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Finance and Administrative Services

## West Precinct 911 Comm Center

<b>BCL/Program Name:</b>	Public Safety Facilities - Police	<b>BCL/Program Code:</b>	A1PS1
<b>Project Type:</b>	Improved Facility	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	A1PS108	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Miscellaneous Revenues	0	230	0	0	0	0	0	0	230
<b>Total:</b>	0	230	0	0	0	0	0	0	230

<b>Fund Appropriations/Allocations</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount	0	230	0	0	0	0	0	0	230
<b>Total*:</b>	0	230	0	0	0	0	0	0	230

<b>Spending Plan by Fund</b>									
Cumulative Reserve Subfund - Unrestricted Subaccount		150	80	0	0	0	0	0	230
<b>Total:</b>		150	80	0	0	0	0	0	230

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### 2014 - 2019 Proposed Capital Improvement Program

# **Information Technology**





## Overview

The Department of Information Technology (DoIT) builds, manages, and maintains City government information technology infrastructure including radio, data, communications, and computer networks. DoIT also manages the Seattle Channel, the City's central data center, and the development of computer application projects on behalf of the City. The central data center houses most of the City's computer servers and computing architecture. DoIT's Capital Improvement Program (CIP) provides new technology investments, and also upgrades, maintains, and improves the City's existing technology networks and systems.

## 2014-2019 CIP

DoIT's 2014-2019 Proposed CIP includes \$37.5 million in appropriation for 2014 with funding coming from a number of sources including rates/allocations to City departments and external partners, Cable Franchise Fees, collected reserve funds, bonds, and grants. The Proposed CIP continues the project to replace the existing data center with the Next Generation Data Center project and also includes two new projects, the Information Technology Security Program and Technology Management Tools as described in greater detail below.

### Next Generation Data Center

In 2012, the City identified an electrical system problem in the Seattle Municipal Tower (SMT) that directly impacted the City's primary data center and other information technology infrastructure housed in the SMT. City staff repaired the system and determined that to avoid similar problems in the future the City needed a new approach to data system management. The City hired an engineering consultant in 2012 to develop preliminary options and costs for an upgraded system of data centers. The City set a three-year timeline for the project with initial funding provided in 2013.

The project Steering Committee, which includes senior executives from DoIT, Finance and Administrative Services, City Budget Office, Seattle Police Department, Seattle City Light and Seattle Public Utilities, approved the following strategy for the new Data Center:

- Use two locations to maximize options for data recovery in the event of an emergency, with a new primary facility within the greater Puget Sound area and a smaller secondary facility in a location outside the Puget Sound region;
- Locate the Data Center in an existing facility already outfitted for that purpose rather than building a new facility. This option has lower upfront costs and a faster move-in timeframe;
- Acquire up to 6,000 square feet at the primary facility, with an additional 4,000 square feet maximum at the secondary location; and
- Adopt guiding principles for how departments will share network services, storage, management services and physical space in the new data center.

In 2014, the City will develop a detailed design addressing the technology, facility, governance, services and relocation process. In addition, DoIT will begin buying equipment, testing, and piloting and final location selection. Preliminary cost estimates for the new Data Center range from \$27 million to \$39 million depending on which choices are made to meet the City's needs. In 2014, the \$2.6 million of project costs are paid with available fund balance in the DoIT operating fund and future costs will be included in the allocated rates to departments. DoIT expects to complete the project in 2015. While the City's goal is to incorporate all systems into the new Data Center, there are a number of critical systems that are housed outside the City's main data center. DoIT is working with other departments to create a

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plan to either move these systems into the new data center or upgrade the systems to increase resiliency and business continuity.

**Information Technology (IT) Security Program:** Recognizing the importance of data security, DoIT is consolidating and centralizing security related projects that were previously spread across different programs and projects. Consolidating the IT security projects will allow costs to be more easily tracked.

**Technology Management Tools:** This project upgrades the City's out-dated help desk ticket system and change management system that tracks network problems. This upgrade will replace two systems with one system to allow DoIT to track problems in the City's information technology environment more efficiently. DoIT recommends making this change in 2014, rather than the original 2015 plan to better coincide with the implementation of the Next Generation Data Center project and leverage other changes that will need to be made at the same time. DoIT will use available fund balance to cover the 2014 project costs.

The remainder of the DoIT 2014-2019 Proposed CIP focuses on routine maintenance, replacement and upgrades for existing system. The 2014 projects include:

- Additional fiber optic cable link installation;
- Planning, repair, replacement, and modification of software, hardware, and electronics in the City's data and communications infrastructure;
- Equipment replacement and upgrades in the 800 MHz radio network program;
- Computing services architecture environment software and hardware replacement and upgrades; and,
- Replacement of Seattle Channel equipment.

### Summary of Upcoming Budget Issues and Challenges

DoIT's CIP has grown steadily over the past twelve years and projects have been completed successfully and within time and budget. Upcoming challenges for the CIP include:

- The City's growing dependency on IT requires an increasing commitment to fund the associated support and replacement costs. In addition, 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.
- To achieve more efficiency and reduce costs as a City, future technology decisions by departments need to take into consideration how best to combine projects, approaches and efficiencies across the City.
- The City needs to develop a Citywide strategy for IT systems in the event of a disaster. The increasing reliance of City staff on technology systems creates an increasing vulnerability in the event of a disaster. Critical City functions cannot be performed without access to technology systems and the data stored within them.

### Thematic Priorities

In addition to supporting Mayoral and Council goals for the City, DoIT has several thematic priorities which drive its work and consequently its operating and CIP budgets. These are:

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- ***Ensure reliable maintenance and operation of the technology tools and systems supporting City departments' staff, missions, and services.*** The reliable and continued operation of these systems is critical to the ability of City employees in all departments to perform their work. As such, a majority of DoIT's CIP supports "Asset Preservation": keeping these tools and systems continuously operational.
- ***Keep City technology and data safe, secure and compliant.*** The increasing reliance of the City's operations on computer technology has been paralleled by both similar growth in the threats and risks to those systems as well as a growth in the laws and regulations associated with electronic data and systems. As a result, there is a steady increase in the need for investments related to security and/or compliance with state and federal regulations, laws and requirements.
- ***Use Technology to make City government more accessible, accountable and transparent.*** With the rapid growth in the internet and the associated tech-savvy nature of the population, there is an increasing expectation that the City's information and processes will be readily available via technology.
- ***Improve Efficiency and Effectiveness.*** From its earliest stages, the City has invested in technology to improve the efficiency and effectiveness of its staff in doing their jobs, and this continues to be a key driver for our investments. In addition, some technology investments can result in monetary savings and/or the ability to stretch limited resources further (e.g., virtualization of servers).
- ***Investments and Foundations for the Future.*** A key part of DoIT's mission is to perform strategic planning for the City within the technology sector and to ensure that the City's technology investments move in sync with what is happening in the broader industry and world. This includes planning for and investing in key technology trends and emerging technologies as appropriate.

### 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 & other resource requirements, potential timing, and dependencies.

#### **STEP 2: Identification of CIP and Non-Discretionary 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:

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- Overall dollar value
- Timeframe of implementation (e.g., multi-year project)
- Lifespan of investment
- Investment in/preservation of long-term infrastructure

Projects which are determined to be non-CIP in nature are moved for consideration and ranking with other department operating requests as part of the normal budget cycle.

Criteria for determining if they are non-discretionary include:

- Legally mandated (e.g., debt service, federal or state law/regulation changes, court orders, etc.)
- Urgent security or risk mitigation needs (e.g., major system failure, major security breach)
- Reimbursable services to others (e.g., DoIT manages a regional fiber consortium where the partners contract with DoIT to get work done).

Projects which are determined to be non-discretionary are automatically included in the CIP and budget proposal. Discretionary Projects proceed to Step 3.

### **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/replacement programs within the CIP. These projects tend to be smaller in scale (<\$250,000), "like for like" replacements (e.g., old equipment replaced by new equipment with little to no functionality change) etc. These projects are rated by program managers based on criteria tailored to each program and implemented as annual funding allows.

Larger capital 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 depts. 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 Priority
- External Customer Demands – Citizens, businesses, etc.
- External Drivers (vendor changes, regional commitments, etc.)
- Efficiency/Effectiveness Improvements/Resource Savings/ROI
- Key Future Trend/Forward-Looking/Pro-active

The final result is a list of prioritized large capital projects which are included in DoIT's proposed budget for inclusion in the CIP.

## **Future Projects**

DoIT has identified a number of initiatives and issues which are on the horizon and will need to be addressed at some future point, but are not currently funded.

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- **Infrastructure Replacement and Upgrades:** DoIT's CIP contains sufficient funding to cover routine replacement of lesser value items which occur every year (e.g., switches, mid-range servers, etc.). However, it is not funded sufficiently to cover some larger value, more intermittent, replacements that will be necessary.
- **Long-term Major Upgrades to Regional Radio System:** The City is part of the countywide public safety radio system. The King County system is interconnected to comparable radio systems in Pierce and Snohomish Counties. The current technology platform is approaching phased obsolescence and will need to be replaced or upgraded by 2017. A three-county committee of elected and appointed officials explored options for collaboration, including regional funding strategies, but eventually determined that each county needed to act independently, on its own time frame, to complete its own replacement or upgrade project. Currently, the plan is to include a levy for replacement of the King County radio system in the fall of 2014.
- **Software and Systems Replacement and Upgrades:** The CIP includes funding in 2014 for the replacement of the City's Email Archiving System. However, in addition to this funding to replace existing functionality, additional features for file and video archiving may be required in the future. DoIT's CIP does not currently include funds for that effort.
- **Future growth in capacity due to customer demands and usage:** The CIP includes funding to replace existing capacity, but it does not include funds to cover the routine growth in capacity. Increased City usage of technology combined with external legal retention requirements effectively ensures a continued growth in certain areas, such as data storage, of the IT infrastructure.

### Anticipated Operating Expenses Associated with Capital Funds

Operating expenses associated with DoIT's CIP projects are built into DoIT's operating budget. During the implementation phase of the Next Generation Data Center Project, DoIT will be operating both the existing data center facilities and the new facility simultaneously for an extended period. This will result in significantly increased operating costs for both 2014 and 2015. The 2014 operating costs are included in DoIT's 2014 Proposed Budget.

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### Project Summary

<b>BCL/Program Name</b>									
<b>Project Title &amp; ID</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
<b>Finance and Administration</b>					<b>BCL/Program Code:</b>				<b>D1100</b>
Electronic Records Management System (D102TC008)	0	150	3,000	0	0	0	0	0	3,150
Next Generation Data Center (D102TC007)	0	2,625	20,998	17,721	0	0	0	0	41,344
Technology Management Tools (D102TC015)	0	0	150	2,718	408	428	445	459	4,608
<b>Finance and Administration</b>	<b>0</b>	<b>2,775</b>	<b>24,148</b>	<b>20,439</b>	<b>408</b>	<b>428</b>	<b>445</b>	<b>459</b>	<b>49,102</b>
<b>Office of Electronic Communications</b>					<b>BCL/Program Code:</b>				<b>D4400</b>
Seattle Channel Maintenance and Upgrade (D404EC001)	859	291	293	364	366	369	382	394	3,318
<b>Office of Electronic Communications</b>	<b>859</b>	<b>291</b>	<b>293</b>	<b>364</b>	<b>366</b>	<b>369</b>	<b>382</b>	<b>394</b>	<b>3,318</b>
<b>Technology Infrastructure</b>					<b>BCL/Program Code:</b>				<b>D3300</b>
800 MHz Radio Network Program (D3RNRS)	10,954	4,461	2,055	572	586	609	629	650	20,516
Alternate Data Center (D301AR001)	580	589	0	0	65	195	720	0	2,149
Computing Services Architecture (D300CSARC)	3,903	2,631	2,986	2,224	2,176	2,263	2,338	3,633	22,154
Data and Telephone Infrastructure (COMMINFRA)	15,438	2,841	2,352	2,952	3,100	2,680	2,768	2,781	34,912
Enterprise Computing (D301CS001)	3,300	0	2,170	1,175	526	547	565	2,643	10,926
Fiber-Optic Communication Installation and Maintenance (FIBER)	20,429	5,230	3,431	3,589	3,765	3,915	4,044	4,178	48,581
<b>Technology Infrastructure</b>	<b>54,604</b>	<b>15,752</b>	<b>12,994</b>	<b>10,512</b>	<b>10,218</b>	<b>10,209</b>	<b>11,064</b>	<b>13,885</b>	<b>139,238</b>
<b>Technology Leadership and Governance</b>					<b>BCL/Program Code:</b>				<b>D2200</b>
IT Security (D202TC001)	0	0	100	0	0	0	0	0	100
<b>Technology Leadership and Governance</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>
<b>Department Total*:</b>	<b>55,463</b>	<b>18,818</b>	<b>37,535</b>	<b>31,315</b>	<b>10,992</b>	<b>11,006</b>	<b>11,891</b>	<b>14,738</b>	<b>191,758</b>

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

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### Fund Summary

<b>Fund Name &amp; Code</b>	<b>LTD Actuals</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>Total</b>
Information Technology Fund (50410)	55,463	18,818	37,535	31,315	10,992	11,006	11,891	14,738	191,758
<b>Department Total*:</b>	55,463	18,818	37,535	31,315	10,992	11,006	11,891	14,738	191,758

*\*Amounts in thousands of dollars*

**2014 - 2019 Proposed Capital Improvement Program**

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## 800 MHz Radio Network Program

<b>BCL/Program Name:</b>	Technology Infrastructure	<b>BCL/Program Code:</b>	D3300
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2002
<b>Project ID:</b>	D3RNRS	<b>End Date:</b>	ONGOING
<b>Location:</b>	700 5th Ave / Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	10,954	4,461	2,055	572	586	609	629	650	20,516
<b>Total:</b>	10,954	4,461	2,055	572	586	609	629	650	20,516
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	10,954	4,461	2,055	572	586	609	629	650	20,516
<b>Total*:</b>	10,954	4,461	2,055	572	586	609	629	650	20,516
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

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### Alternate Data Center

<b>BCL/Program Name:</b>	Technology Infrastructure	<b>BCL/Program Code:</b>	D3300
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	D301AR001	<b>End Date:</b>	ONGOING
<b>Location:</b>	700 5th AVE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project supports enhancements to and expansion of the City's Alternate Data Center (ADC), including the expansion from a cold site (facility and communications) to a warm site (some recovery equipment ready for immediate use) through the addition of hardware such as servers and storage and has the capability to restore certain software applications.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	580	589	0	0	65	195	720	0	2,149
<b>Total:</b>	580	589	0	0	65	195	720	0	2,149
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	580	589	0	0	65	195	720	0	2,149
<b>Total*:</b>	580	589	0	0	65	195	720	0	2,149
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## Computing Services Architecture

<b>BCL/Program Name:</b>	Technology Infrastructure	<b>BCL/Program Code:</b>	D3300
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2008
<b>Project ID:</b>	D300CSARC	<b>End Date:</b>	ONGOING
<b>Location:</b>	700 5th AVE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This 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. Timely replacement of this equipment provides stable infrastructure for the City. Equipment is replaced when it reaches the end of its useful life, which is typically no more than 5 years per industry standards.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
To be determined	0	0	0	0	0	0	0	1,218	1,218
Internal Service Fees and Allocations, Outside Funding Partners	3,903	2,631	1,986	2,224	2,176	2,263	2,338	2,415	19,936
2014 Multipurpose LTGO Bond Fund	0	0	1,000	0	0	0	0	0	1,000
<b>Total:</b>	3,903	2,631	2,986	2,224	2,176	2,263	2,338	3,633	22,154
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	3,903	2,631	2,986	2,224	2,176	2,263	2,338	3,633	22,154
<b>Total*:</b>	3,903	2,631	2,986	2,224	2,176	2,263	2,338	3,633	22,154
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## Data and Telephone Infrastructure

<b>BCL/Program Name:</b>	Technology Infrastructure	<b>BCL/Program Code:</b>	D3300
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	COMMINFRA	<b>End Date:</b>	ONGOING
<b>Location:</b>	700 5th Ave/Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project provides funds to maintain, replace, and upgrade software and major hardware for the City's data and telephone switching systems. Updated technology and mandated manufacturer requirements often require changes to software and hardware. The selected projects focus on preventing unscheduled service disruption and system failures and also work to minimize the City's overall costs, increase reliability, and provide features that improve end-user productivity.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
To be determined	0	0	0	0	563	0	0	0	563
General Obligation Bonds	1,400	0	0	0	0	0	0	0	1,400
Internal Service Fees and Allocations, Outside Funding Partners	14,038	2,841	2,352	2,952	2,537	2,680	2,768	2,781	32,949
<b>Total:</b>	15,438	2,841	2,352	2,952	3,100	2,680	2,768	2,781	34,912
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	15,438	2,841	2,352	2,952	3,100	2,680	2,768	2,781	34,912
<b>Total*:</b>	15,438	2,841	2,352	2,952	3,100	2,680	2,768	2,781	34,912
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## Electronic Records Management System

<b>BCL/Program Name:</b>	Finance and Administration	<b>BCL/Program Code:</b>	D1100
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	D102TC008	<b>End Date:</b>	Q4/2014
<b>Location:</b>			
<b>Neighborhood Plan:</b>	Not in Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	
<b>Neighborhood District:</b>		<b>Urban Village:</b>	

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 the replacement of the City's current email archiving system and be followed by additional phases expanding electronic records management capabilities.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	0	150	0	0	0	0	0	0	150
2014 Multipurpose LTGO Bond Fund	0	0	3,000	0	0	0	0	0	3,000
<b>Total:</b>	0	150	3,000	0	0	0	0	0	3,150
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	0	150	3,000	0	0	0	0	0	3,150
<b>Total*:</b>	0	150	3,000	0	0	0	0	0	3,150

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### Enterprise Computing

<b>BCL/Program Name:</b>	Technology Infrastructure	<b>BCL/Program Code:</b>	D3300
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	D301CS001	<b>End Date:</b>	ONGOING
<b>Location:</b>	700 5th AVE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This 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	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
To be determined	0	0	0	1,175	526	547	565	2,643	5,456
General Obligation Bonds	2,900	0	0	0	0	0	0	0	2,900
Internal Service Fees and Allocations, Outside Funding Partners	400	0	0	0	0	0	0	0	400
2014 Multipurpose LTGO Bond Fund	0	0	2,170	0	0	0	0	0	2,170
<b>Total:</b>	3,300	0	2,170	1,175	526	547	565	2,643	10,926
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	3,300	0	2,170	1,175	526	547	565	2,643	10,926
<b>Total*:</b>	3,300	0	2,170	1,175	526	547	565	2,643	10,926
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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## Fiber-Optic Communication Installation and Maintenance

<b>BCL/Program Name:</b>	Technology Infrastructure	<b>BCL/Program Code:</b>	D3300
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2004
<b>Project ID:</b>	FIBER	<b>End Date:</b>	ONGOING
<b>Location:</b>	Various Locations		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	In more than one District	<b>Urban Village:</b>	In more than one Urban Village

This 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 sites such as libraries, public schools, fire and police stations, community centers, and other City facilities. The use of fiber optics in communications increases the volume of transmission - the amount of data and video, the use of two-way radios for public safety, and the number of telephone calls - that can be conveyed. A fiber-optic network also allows for interconnectivity in the event of an emergency to other agencies and executives at the federal, state and local levels, increases the efficiency of City staff, and provides residents greater access to the City and external agencies that contribute to the network.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	20,429	5,230	3,431	3,589	3,765	3,915	4,044	4,178	48,581
<b>Total:</b>	20,429	5,230	3,431	3,589	3,765	3,915	4,044	4,178	48,581
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	20,429	5,230	3,431	3,589	3,765	3,915	4,044	4,178	48,581
<b>Total*:</b>	20,429	5,230	3,431	3,589	3,765	3,915	4,044	4,178	48,581
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

# Department of Information Technology

## IT Security

<b>BCL/Program Name:</b>	Technology Leadership and Governance	<b>BCL/Program Code:</b>	D2200
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	D202TC001	<b>End Date:</b>	ONGOING
<b>Location:</b>	700 5th AVE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project provides funds to acquire, maintain, replace, and upgrade software and hardware for the City's IT security systems. Timely replacement and up to date maintenance is critical to ensuring the security of the City's IT systems and that data contained within them.

This program consolidates and centralizes IT Security related projects, which to date have been funded across many different parts of DoIT's organization. As those projects have grown in quantity and complexity that decentralization has become increasingly problematic. Consolidating these efforts into a single CIP will allow DoIT to more effectively and efficiently manage the expenditures and programs in this critical area and to do a better job of planning for future needs.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Cable Franchise Fees	0	0	100	0	0	0	0	0	100
<b>Total:</b>	0	0	100	0	0	0	0	0	100
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	0	0	100	0	0	0	0	0	100
<b>Total*:</b>	0	0	100	0	0	0	0	0	100
<b>Spending Plan by Fund</b>									
Information Technology Fund		0	272	121	267	236	244	331	1,471
<b>Total:</b>		0	272	121	267	236	244	331	1,471

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### 2014 - 2019 Proposed Capital Improvement Program

# Department of Information Technology

## Next Generation Data Center

<b>BCL/Program Name:</b>	Finance and Administration	<b>BCL/Program Code:</b>	D1100
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2013
<b>Project ID:</b>	D102TC007	<b>End Date:</b>	Q4/2015
<b>Location:</b>	700 5th Ave / Various		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project provides a multi-year plan to collect requirements, assess options, and develop and implement a plan to upgrade/replace the City's data center environments. The City's main data center facility is over ten years old and would require significant capital investments to address existing issues and would still not meet current standards for mission critical systems. The project will replace aging data center facility systems with more efficient environments that provide the increased resilience, maintainability, and disaster recover/business continuity to the City's information technology systems.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
To be determined	0	0	0	14,188	0	0	0	0	14,188
Internal Service Fees and Allocations, Outside Funding Partners	0	0	1,700	3,533	0	0	0	0	5,233
2013 Multipurpose LTGO Bond Fund	0	2,625	0	0	0	0	0	0	2,625
2014 Multipurpose LTGO Bond Fund	0	0	19,298	0	0	0	0	0	19,298
<b>Total:</b>	0	2,625	20,998	17,721	0	0	0	0	41,344
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	0	2,625	20,998	17,721	0	0	0	0	41,344
<b>Total*:</b>	0	2,625	20,998	17,721	0	0	0	0	41,344

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### 2014 - 2019 Proposed Capital Improvement Program



## Department of Information Technology

### Seattle Channel Maintenance and Upgrade

<b>BCL/Program Name:</b>	Office of Electronic Communications	<b>BCL/Program Code:</b>	D4400
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2009
<b>Project ID:</b>	D404EC001	<b>End Date:</b>	ONGOING
<b>Location:</b>	600 4th AVE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This 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 the on-going replacement of equipment that has reached the end of its useful life. The current replacement cycle will provide a new routing system, graphics generators, web interface equipment, studio control components, and equipment for coverage of council meetings. This plan will provide the Seattle Channel with an all digital, HD-ready infrastructure.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	859	291	293	364	366	369	382	394	3,318
<b>Total:</b>	859	291	293	364	366	369	382	394	3,318
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	859	291	293	364	366	369	382	394	3,318
<b>Total*:</b>	859	291	293	364	366	369	382	394	3,318
<b>O &amp; M Costs (Savings)</b>			0	0	0	0	0	0	0

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### 2014 - 2019 Proposed Capital Improvement Program

# Department of Information Technology

## Technology Management Tools

<b>BCL/Program Name:</b>	Finance and Administration	<b>BCL/Program Code:</b>	D1100
<b>Project Type:</b>	New Investment	<b>Start Date:</b>	Q1/2014
<b>Project ID:</b>	D102TC015	<b>End Date:</b>	ONGOING
<b>Location:</b>	700 5th AVE		
<b>Neighborhood Plan:</b>	Not in a Neighborhood Plan	<b>Neighborhood Plan Matrix:</b>	N/A
<b>Neighborhood District:</b>	Downtown	<b>Urban Village:</b>	Commercial Core

This project provides funds to acquire, maintain, replace, and upgrade software tools to manage the City's technology systems.

Initially, this project will acquire and implement a modern IT Service Management Tools Suite which will provide a wide range of integrated tools including incident and change management, release and deployment management, license management, asset management, request management, workflow management, service catalog of services offered, service desk management, and end user self-service. The initial phase will focus on replacing the City's existing and obsolete Incident management and Change Management Systems. Future phases will focus on acquiring and implementing additional tools for the suite. Ongoing maintenance and eventual replacement/upgrades for these tools will be funded in this program in the future.

	LTD Actuals	2013 Rev	2014	2015	2016	2017	2018	2019	Total
<b>Revenue Sources</b>									
Internal Service Fees and Allocations, Outside Funding Partners	0	0	150	2,718	408	428	445	459	4,608
<b>Total:</b>	0	0	150	2,718	408	428	445	459	4,608
<b>Fund Appropriations/Allocations</b>									
Information Technology Fund	0	0	150	2,718	408	428	445	459	4,608
<b>Total*:</b>	0	0	150	2,718	408	428	445	459	4,608

*\*This detail is for information only. Funds are appropriated in the budget at the Budget Control Level. Amounts are in thousands of dollars.*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2014* 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
K733239-02	12th Avenue Square Park Development - Pro Parks (Formerly 12th Avenue Park)	This project will provide a small urban park.	0 564 12th AVE
K730138	Bell Street Park Boulevard Development	This project will provide 17,000 square feet of pedestrian and environmentally-friendly amenities such as swales, natural landscaping, and benches.	0 Bell ST
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
K730144	Bitter Lake Reservoir Park Renovation	This project will add nearly three acres of open space and park amenities to the City's park and recreation resources.	0 Linden AVE N/N 143rd ST
K730031	Community Food Gardens and P-Patches	This project adds community gardens and P-Patches to afford more opportunities to the public for growing food locally.	0 Citywide
K732424	Crew Quarters Replacement (Magnuson Park)	This project adds space to house landscape crew staff and volunteers for the ongoing care of Magnuson Park. This crew quarters facility will improve service efficiency, reduce travel time, fuel usage, and other costs.	75 6500 Sand Point WAY NE
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.	5,561 Citywide
K730011	Green Space Acquisitions- 2008 Parks Levy	This project will acquire various new properties.	1,430 Citywide
K730091	Hing Hay Park Development	This project adds .31 acres of parkland to an existing neighborhood park.	2,500 423 Maynard AVE S
K730146	Jimi Hendrix Park Improvements	This project makes the park more inviting, usable, and environmentally friendly.	0 2400 Massachusetts ST
K730150	Lower Kinnear Park Renovation	The project will redevelop the park making it more inviting and usable.	0 899 W Olympic PL

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program

## Department of Parks and Recreation

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2014* Location
K730099	Maple Leaf Reservoir Park Development	This project adds 16 acres of open space and recreational amenities on a lidded reservoir.	0 1020 NE 82nd ST
K730100	Marra-Desimone Park Development	This project will provide community and recreation space to the 8.7 acre site.	1,000 9026 4th AVE S
K730010	Neighborhood Park Acquisitions- 2008 Parks Levy	This project will acquire various new properties.	300
K730040	Opportunity Fund Acquisitions - 2008 Parks Levy	This project will acquire various new properties.	0 Citywide
K732337	Rainier Beach Community Center Redevelopment	This project will replace the existing community center and swimming pool.	0 8802 Rainier Ave S
K730153	Rainier Beach Urban Farm and Wetlands Improvements	This project develops a working organic urban farm, wetlands, and related amenities that will be open to the public.	300 5513 S Cloverdale ST
K730154	Santos Rodriguez Memorial Park (El Centro de la Raza) Play Area Improvements	This project adds a children's play area and other amenities and will allow greater accessibility to it by the general public.	0 16th AVE S/S Lander ST
K730032	Shoreline Access- Street Ends	This project adds public access to shorelines including viewpoints and canoe and kayak launch points.	75 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
K730156	University Heights - South Lot Development	This project adds green, environmentally sensitive improvements and creates usable open space in the University District.	0 University Wy NE/NE 50th St
K733124	University Heights Open Space Improvements	This project adds green, environmentally sensitive improvements and creates usable open space in the University District.	0 University Wy NE/NE 50th St
K730115	Victor Steinbrueck Park Renovation	Capacity will depend on the project scope that will be the subject of additional citizen review consistent with the Parks Department's Public Involvement Policies.	1,200 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
K730119	West Seattle Reservoir Park Development	This project adds 20 acres of open space and recreational amenities on a lidded reservoir.	0

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program

**New or Expanded Capital Facilities**

<b>Proj. ID</b>	<b>Project Title</b>	<b>Capacity</b>	<b>2014* Location</b>
S0501	Lot 2 Development	This project adds a 10,500 square foot skatepark.	102 5th Ave N/Republican St

*\*Amounts in thousands of dollars*

# Seattle Department of Transportation

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2014* Location
TC367420	23rd Avenue Corridor Improvements	This project will install road improvements and improve the efficiency of Seattle's transportation network and of the regional transit network.	10,750 23rd AVE S/E John ST/Raini 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.	2,820 3rd AVE/S Jackson ST/Denny WAY
TC366050	Alaskan Way Viaduct Replacement	This project funds the City's involvement in the replacement of the Alaskan Way Viaduct and Seawall.	6,207 ALASKAN WY VI SB/BATTERY ST TUN OFF RP
TC366250	Aurora Transit, Pedestrian, and Safety Improvements	This project will install pedestrian safety and access improvements and continuous transit lanes to improve transit service in the corridor.	0 Aurora Ave N/N 110th St/N 145th St
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	700 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.	5,483 Citywide
TC367240	Broadway Streetcar Extension	This project will build a half-mile streetcar line.	1,775 Broadway E/E Denny Way/E Roy ST
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.	1,369 Lake Union
TC365690	Chief Sealth Trail	This project will construct 3.6 miles of multi-use trail, in phases I and II. Phase III of the project will construct an additional length of approximately one mile, for the Northern Extension from Beacon Avenue South to South Angeline Street/15th Avenue South.	0 Southeast
TC323860	Collision Evaluation Program	This program identifies and facilitates safety improvements for high collision street locations.	156 Citywide
TC367380	Eastlake Corridor Transit and Street Improvements	This project will increase the person-carrying capacity of Seattle's transportation network and of the regional transit network.	1,200 Eastlake AVE/Stewart ST/NE 65th ST

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2014*	Location
TC367100	First Hill Streetcar	The project constructs a modern, low-floor streetcar system.	14,111	Various
TC365850	Freight Spot Improvement Program	This project will improve mobility. Specific projects and the corresponding impacts on capacity are still to be determined.	425	Citywide
TC366380	Greenwood Avenue N Street Improvements	This project will add a center two-way left-turn lane and improve the street right-of-way.	0	Greenwood Ave N/N 105th St/N 112th 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
TC323130	Left Turn Signals	This project will add between three and five left turn signals annually.	203	Citywide
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.	1,500	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.	21,221	Mercer ST/Elliott 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.	500	Citywide
TC323610	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.	485	Citywide

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program

# Seattle Department of Transportation

## New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2014* Location
TC367090	Railroad Crossing Signal Improvements	This project will install new railroad crossing gates and flashing lights.	100 Broad St B/Alaskan Way/Elliott Ave Broad St B/Alaskan Way/Elliott Ave
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
TC367040	Sound Transit - University Link	This project will provide design review, permitting, and construction support services for the Sound Transit University Link project.	0 TBD
TC367190	Sound Transit North Link	Construct a 4.3-mile light rail line and three stations at Northgate, Roosevelt and University District.	252 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.	0 TBD
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
TC366210	Thomas St Pedestrian Overpass (formerly Belltown/Queen Anne Waterfront Connections-Thomas St.)	This project will construct a pedestrian overpass between Elliott Ave. W and Myrtle Edwards Park.	0 Elliott Ave W/W Thomas St
TC366860	Transit Corridor Improvements	This program implements projects that improve transit speed, reliability, access, and convenience, consistent with the Transit Master Plan.	3,122 Citywide
TC367330	Waterfront Improvement Program	The program will construct a new Alaskan Way surface street and public space.	39,700 Various
TC367130	West Duwamish Trail	This project will build a new section of a multi-use trail.	0 TBD

\*Amounts in thousands of dollars

### 2014 - 2019 Proposed Capital Improvement Program



**New or Expanded Capital Facilities**

<b>Proj. ID</b>	<b>Project Title</b>	<b>Capacity</b>	<b>2014* Location</b>
8444	SeaTac Undergrounding	This project undergrounds utilities in SeaTac along South 154th Street between 24th Avenue South & 32nd Ave South.	0 S. 154th St / 24th Ave S./S. 154th St / 32nd Ave S.

*\*Amounts in thousands of dollars*

## Seattle Public Utilities

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2014* 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.	3,708 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.	4,682 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.	0 NW 54th St /30th Ave NW
C3313	Best Management Practice Program	This program will provide water quality improvement projects in the Norfolk, South Park, and Densmore drainage basins.	0 Citywide
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.	0 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.	1,604 Various
C3373	Capitol Hill Water Quality Project	The project treats 7.2 cfs of stormwater runoff from Capitol Hill.	261 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.	205 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.	12 Densmore Basin
C1128	Distribution System Improvements	This project will improve the distribution system to meet customer service levels.	3,530 Citywide

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Public Utilities

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2014* Location
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.	5,747 Citywide
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.	3,602 Various
C3604	Long Term Control Plan	This project will determine size and location of all future CSO control facilities within the City.	4,510 N/A
C3805	Madison Valley Long Term Solution	The project will provide an estimated additional stormwater storage capacity of 2.8 million gallons.	50 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.	649 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.	455 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.	398 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.	80 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.	1,492 Citywide
C4105-DWF	Operations Control Center - DWF	This program will improve facilities at the Operations Control Center.	806 2700 Airport Way S

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Public Utilities

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2014* Location
C4105-SWF	Operations Control Center - SWF	This program will improve facilities at the Operations Control Center.	152 2700 Airport Way S
C4105-WF	Operations Control Center - WF	This program will improve facilities at the Operations Control Center.	1,630 2700 Airport Way S
C3703	Pump Station and Force Main Improvements	This program will provide wastewater pump station improvements, upgrades, repairs and rehabilitation.	3,251 Various
C4107-WF	Regional Facility - WF	This program will improve facilities at SPU's regional sites.	6,515 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.	1,803 Citywide Plus Wholesale
C1411	Reservoir Covering - Maple Leaf	This project will underground Maple Leaf Reservoir to protect drinking water quality.	4,760 NE 86th St/Roosevelt Wy NE
C1410	Reservoir Covering - Myrtle	This project will underground Myrtle Reservoir to protect drinking water quality.	315 SW Myrtle St/35th Ave SW
C1407	Reservoir Covering - Volunteer	This project will underground Volunteer Reservoir to protect drinking water quality.	0 E Prospect St./12th Ave. E
C1409	Reservoir Covering - West Seattle	This project will underground West Seattle Reservoir to protect drinking water quality.	4,020 SW Henderson St/8th Ave SW
C3608	S Genesee Combined Sewer Overflow	This project will construct or modify facilities to manage Combined Sewer Overflow control volumes totaling approximately 3 to 5 million gallons. Estimates are from the Draft CSO 2010 Plan Update.	14,506 S. Genesee St.
C3609	S Henderson Combined Sewer Overflow Storage	This project will construct or modify facilities to manage Combined Sewer Overflow control volumes totaling approximately 26 million gallons. Estimates are from the Draft CSO 2010 Plan Update.	7,627 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.	690 Citywide & Direct Service

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Public Utilities

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2014* Location
C4113-DWF	Security Improvements - DWF	This program will provide increased security and protection at SPU facilities.	178 Citywide
C4113-SWF	Security Improvements - SWF	This program will provide increased security and protection at SPU facilities.	135 Citywide
C4113-WF	Security Improvements - WF	This program will provide increased security and water quality protection at SPU facilities.	1,713 Citywide
C4135-DWF	Sound Transit - North Link - DWF	N/A	75 Various
C4135-WF	Sound Transit - North Link - WF	N/A	300 Various
C4125	Sound Transit - Water Betterment	This project will fund the relocation or replacement of water mains and other facilities related to the development of Sound Transit's Light Rail system.	50 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.	40 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.	40 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.	500 698 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.	1,500 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.	450 Taylor Creek at Rainier Ave S
C3811	Thornton Confluence Improvement	This project will increase floodplain capacity at the Thornton Creek confluence.	4,085 Thornton Creek

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program

## Seattle Public Utilities

### New or Expanded Capital Facilities

Proj. ID	Project Title	Capacity	2014* Location
C3333	Venema Creek Natural Drainage System	This project increases the capacity to convey stormwater flows.	1,116 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.	106 Citywide
C1113	Water Infrastructure - New Taps	This project will install approx. 800 new taps per year to domestic, commercial, and fire protection systems.	4,900 Citywide
C1111	Water Infrastructure - Watermain Extensions	This project will install approximately 8,000 feet of new watermains per year.	796 Citywide
C3605	Windermere Combined Sewer Overflow Storage	This project will construct approximately 2,000,000 gallons of Combined Sewer Overflow storage capacity.	12,915 NE 65th St./Sand Point Way NE

*\*Amounts in thousands of dollars*

### 2014 - 2019 Proposed Capital Improvement Program

**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.

**Bridging the Gap (BTG):** A nine-year transportation funding initiative to repair and improve Seattle's streets, bike trails, sidewalks, and bridges. The program raises approximately \$545 million between 2007-2015 from a commercial parking tax, an employee hours tax (repealed at the beginning of 2010), and a \$365 million nine year levy lid lift approved by voters in November 2006 for transportation maintenance and improvement.

**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.

**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 six subaccounts:

REET I, REET II, Unrestricted, South Lake Union Property Proceeds, Street Vacation, and Asset Preservation. 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.

**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.